

CURRICULUM VITA OF

Prof. Dr. ABDULLAH MOHAMMED AHMED ASIRI



Personal Data

NAME : **Abdullah Mohammed Ahmed Asiri**
NATIONALITY : Saudi
OCCUPATION : Professor in Organic Photochemistry since Jan. 2004.
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Google Scholar ID : <https://scholar.google.com/citations?user=BSpCwuQAAAAJ&hl=en>

Total Impact Factor = 3735.884

ACADIMIC QUALIFICATIONS

Ph.D. (1995) From University of Walls College of Cardiff, U.K.
Title : Tribochromic compounds and their applications.

B.Sc. (1990) From King Abdulaziz University Subject : Chemistry

Academic Record

1991- 1992, Instructor, Chemistry Department , King Abdulaziz University, Jeddah
1996- 2000, Assistant Professor Chemistry Department , King Abdulaziz University,
2000 - 2004, Associate Professor Chemistry Department , King Abdulaziz University,
2004 - Now, Professor Chemistry Department , King Abdulaziz University, Jeddah
2009 – Now , The chairman of the chemistry department , King Abdulaziz University
2010- Now , The Director of the center of Excellence for advanced Materials Research

Academic Record

DEPARTMENTAL DUTIES:

1. Academic Tutor and the department registrar
2. Supervisors of the spectroscopic labs (UV-VISIBLE-NIR) and IR.
3. Supervisor of Chemical Stores
4. Supervisor of higher Education Committee in the chemistry Department.
5. Member of the Chemistry department Accreditation Committee, 2005-now.
6. Head of the Chemistry Department , October, 2009-now.
7. Director of the center of excellence for advanced materials Research ,2010-Now.

TEACHING DUTUIES.

UNDERGRADUATE

- General chemistry (101)
- Advanced organic synthesis (Chem 436)
- Supervising Projects for undergraduate students (Chem 491)
- Teaching for non chemistry major (Technicians Diploma)
- Teaching principle of organic chemistry (Chem 230)
- Teaching Safety in organic labs
- Teaching Industrial chemistry
- Teaching General chemistry for students in Air Deviance College (For Two Semesters).
- Supervisor for more than thirty undergraduate projects since 1995.

POSTGRADUATE DUTIES

- Teaching special topics (Chem 635)
- Supervision of postgraduate Students thesis (twelve Msc and One PhD theses).

UNIVERSITY DUTIES

- Director of Education Affair Unit–Deanship of Community services and continuing Education, 2003- 2006.
- Member of the committee for department accreditation process, 2004-Now.
- Director of Postgraduate studies in the Chemistry Department , 2007-NOW.

NATIONAL DUTIES

1. Member of Advisory committee for advancing materials, (National Technology Plan, (King Abdulaziz City of Science and Technology, Riyadh, Saudi Arabia).

Membership

- Editor-In Chief of Journal of King Abdulaziz University (Science), 2006- Present.
- Vice Editor-in-Chief for western region of Journal of Saudi Chemical Society.
- Member of the Editorial Board of Journal of King Abdulaziz University (Science), 2004-2006.
- Member of the Editorial Board of Pigment and Resin Technology Journal (UK), June-2004- Present.
- Member of the Editorial Board of Organic Chemistry Insights, Libertas Academica.
- Member of the Editorial Board of Designed Monomers & Polymers.2012- Present
- Member of the Editorial Board of Journal of Single Molecule Research
- Member of the Saudi Chemical society.
- Member of the editorial board of International Journal of Basic and Applied Chemical Sciences.
- Member of the editorial board of Journal of Enzyme Inhibition and Medicinal Chemistry , 2012-Present
- Member of the editorial board of Journal of Materials and Environmental Science, 2012-Present

Research interest

- Color chemistry
- Synthesis of novel photochromic and thermochromic systems,
- Synthesis of novel colorants and coloration of textiles and plastics,
- Molecular Modeling,
- Applications of organic materials into optics such as OEDS,
- High performance organic Dyes and pigments.
- New applications of organic photochromic compounds in new novelty.
- Organic synthesis of heterocyclic compounds as precursor for dyes.
- Synthesis of polymers functionalized with organic dyes.
- Preparation of some coating formulations for different applications.
- Photodynamic thereby using Organic Dyes and Pigments
- Virtual Labs and Experimental Simulations
- E-Learning in Chemistry
- Environmental Chemistry and organic Pollutants
- Stability of Polymers and polymeric composites
- Nanochemistry and Nanotechnology

AWARDS

- 1- King Abdulaziz Medal of the First Order, For Scientific Distinction, 2004.
- 2- King Abdulaziz Shield for Scientific Distinction , 2005.
3. King Abdulaziz University Prize for Scientific Publication, 2008
4. King Abdulaziz University Prize for Best researcher , 2008.
5. SCOPUS Award For Contribution to Science, 2008.
6. Saudi Chemical Society Award for young Scientist , 2009.
7. King Abdulaziz University Prize for Scientific Publication, 2009.
8. KACST First Class For Scientific Publication in ISI top 10% Journal, 2010.
9. King Abdulaziz University Prize for Scientific Publication, 2010

10. King Abdulaziz University Prize for Best researcher , 2010.
11. The American Chemical Society and the International Chemical science Chapter of the American chemical society Certificate of appreciation for the Advancement of Chemistry in Saudi Arabia.
12. Saudi Chemical Society Award for Senier Scientist , 2012.
13. King Abdulaziz University Prize for Best researcher , 2012.
14. King Abdulaziz University Prize for Scientific Publication, 2012.
15. King Abdulaziz University Prize for Scientific Publication in Top 10, 2012.
16. Certificate of Appreciation for Valuable Contribution, American Chemical Society, Feb, 2013.
17. King Abdulaziz University Prize for Best researcher , 2013.
18. King Abdulaziz University Prize for Scientific Publication, 2013.
19. King Abdulaziz University Prize for Scientific Publication in Top 5, 2013.
20. King Abdulaziz University Prize for Scientific Publication in Top 5, 2014.(40 Papers).
21. King Abdulaziz University Prize for Granted A US Patent , 2014.
22. King Abdulaziz University Prize for Citation, 2014.
23. The custodian of the two holy mosques prize for honoring inventors and the gifted, " Takreem" 2017.

Research Projects and Grants

Principle investigator in the following projects:

1. The usage of new organic photochromic compounds as ultraviolet sensors and their application as UV sensors (**SABIC**) (Completed , 2004).
2. New organic compounds as ultraviolet light Absorber for application in the windows glass of building and automobiles (**KACST**, 2006-2007 Completed).
3. Synthesis and Characterization of new Anils as ultraviolet stabilizers for Polyethylene Polymer (**SABIC**) Completed , November, 2005).
4. Identification of organic migrants from some plastic food packaging used in Saudi Arabia (**SABIC**), Completed, November, 2005).
5. Synthesis of new Azopyrazolone Dyes and their textiles applications (**SABIC**), (Completed , November, 2005).
6. Synthesis of new Organic Compounds as ultraviolet Sensor and their application to prepare novel sensors for the detection of Ultra Violet light (**KAU, Research council**, August, 2006, Completed).
7. Synthesis and Coloring Performance of Some Novel Heterocyclic Azo Disperse Dyes as Plastic colorants, (**SABIC**), November 2006, completed October, 2007)
8. Monitoring volatile organic compounds using a new multisensing optical sensor based on new vanillin derivatives thin films. (**KAU Research Council** , Completed November 2007).
9. Synthesis of New Chelating Agents based on Schiff Bases For Removal of Metal ions From waste water of some industrial factories (**KAU Research Council**, Completed, Nov. 2008).

10. New cyanine dyes as fluorescence probes for the detection of nucleic acids (**KAU Research Council**, Completed December, 2009). Co-Investigator (Completed, Nov. 2008).
11. Synthesis and use of photochromic compounds as Smart Switchable Glazing for solar energy and daylight control in building, (KACST, 2008-2010, completed). (grant amount SR **899,600**)
12. Photonic Materials. Synthesis And Third Order Nonlinear Optical Properties Of Some Conjugated Organic Compounds. (**KAU Research Council**, completed October. 2009).
13. Synthesis of some new Fluorescent Dyes for production of Innovative plastics (**KAU Dean Ship of scientific research** , Phase I completed , December 2009). ((grant amount SR **157,000**).
14. Design and Synthesis of New Photochromic Compounds and their uses as Ultraviolet Shielding Materials (**KACST national Plan** , Grant amount, **1,852,200**).
15. Conversion of sun-light to electricity. Synthesis and characterization of a novel multichromophoric squaraine-based light harvesting arrays and their application as solar cells (**KACST national Plan** , Grant amount, **1,648,870**).
16. Development of heavy duty high performance anticorrosive organic-inorganic hybrid nanocomposite coating materials (**KFUPM Core center** , Grant amount, **458400**)

M.Sc. Thesis Awarded Under My Supervision

1. **Spectral Studies on some organic dyes, Nahid Fatany, (Started Jan 2001, Completed, April, 2003.**
2. **Studies on some photochromic Bis-imidazoles and Anils, Abber A. Bukhary, (Started December 2003, Completed on Jan 2005).**
3. **Synthesis and Spectral Studies of some new organic photochromic compounds, Nada H. Ismaiel, (Started December 2003, Completed on Jan 2005).**
4. **Photochromism of new bis-Imidazoles, Heba Kashmeri, (completed Jan 2007).**
5. **The Photochromic Performance of some fulgides and bis-imidazole Derivatives in the presence of Additive, Rabab Jassas (Completed April, 2006).**
6. **The Effect of Additives on the Photochromic Performance of some photochromic Derivatives before and after Irradiation, Manal Al-Somieh, (Completed, Jan 2006).**
7. **Synthesis and spectroscopic studies of some new Styryl Dyes, Bushra Kateb. (completed may, 2007).**
8. **Photochromic Performance of some fulgides and Spiropyrans in Polymeric thin films, Amerah Al-Soliemy (completed December 2007).**
9. **Synthesis of dyes from 2-Aminothiophen and studies on their thermal and photochemical stability in polymer Resins. Abber Al-Osimy, (completed Feb, 2007).**
10. **Spectroscopic studies of some Photochromic Compounds in polymeric thin films, Moheamed Al-Gamdi, (completed , Jan 2008).**
11. **Synthesis and Spectroscopic Studies on some Novel fluorescent Molecules using green chemistry approach, Mannal Shalabi (Start date April, 2007).**

12. Synthesis of Organic NanoColorants for biomedical Applications, Maha Al-Otabi, (Start Date , July, 2008-End June, 2010).
13. Synthesis of some New Fluorine Substituted ThiobarbituricAcids and Their Related Systems as Potential Inhibitors Against some Viruses, Abdulrahman SalimAl-Harbi, (End Nov. 2013).
14. Photophysical Propertis of some Organic Fluorecent Dyes and thier interaction with some nanoparticles, Nagat Al-gamdi, June 2012 End Jan 2014).
15. Synthesis And Biological Evaluation Of New Pyrazoline Derivatives, Abdelhadi Al-Buringi, (Start 28-6-2011 , End 1-12-2014)
16. Synthesis, Spectroscopic And Physicochemical Investigations Of Novel Heterocyclic Dyes, Hadi Albesisi, (April, 2014- May , 2016)

PHD thesis Under My Supervision

1. Synthesis and spectroscopic properties of novel azo and methine dyes derived from compounds , Raida Al-Atawy, start date JAN, 2008-compleate date 11-10-2011.
2. Energy transfer in Organic photochromic systems. Rabab Sharaf Jassas, 2010- 2014 (completed 4, June, 2014).
3. Design And Synthesis Of Biosensors Based On Graphene Nanohybride, Safi Asim Bin Asim, (Start Sebtember, 2013- End 1-12-2014).
4. Synthesis, Spectral Studies And Photovoltaic Properties Of Some Organic Dyes,Saad Al-Thaqafi, (Jan 2014- June 2016).
5. Phenothiazine donor moiety as a building block for novel dyes: Synthesis, characterization and optical properties, Fatima El-Zahrany, (Jan 2014- May 2016).
6. Photophysical Studies of some Photochromic compounds in Polymeric Thin films, Amerah Mohamed Al-Soliemy, (start Feb, 2014- May 2016).
7. Development of chemical sensors based on metal oxides/carbon nanotube nanocomposites, Hasan B. Balkhoyor, (start Feb, 2015- June, 2016).
8. Synthesis of Novel Hole Transport Materials Based on Phenothiazine for Use in Perovskite Solar Cells, Huda A. Alghamdi, In progress
9. Fundamental Study on Metal Oxide based Nano-Catalyst for the Sensing and Detoxification of Organic molecules, Sameer Ahmad Mohamed, (start June, 2015- June 2017 compleated).
10. Development of Nano-Catalysts and their Applications in Organic Synthesis and Photo-catalysis, Shahid Ali Khan, (start Jan, 2016- MAy 2017 compleated).
11. Design and Synthesis of Metallic and Bimetallic Nano-Catalysts for Photodegradation and Organic Transformations, Ikram Ahmad, (start Jan, 2016- MAy 2017 compleated).

12. Development Of Efficient Electrochemical Sensors Based On Chelating Agents And Nanomaterials For The Detection Of Heavy Metal Ions And Chemicals, Tahir Ali Sheikh , (Juen, 2017- In Progress).
13. Development of sensors for the detection of bio-molecules and heavy metal ions, Mohammad Musarraff Hussain, (June, 2017- In Progress).
14. Photochromic Performance And Photophysical Studies Of Some Photochromic Compounds, 24th, April, 2017. (in Progress).
15. Synthesis, Spectroscopic Studies Of Some Novel Donor (D)- π -Acceptor (A) Containing Organic Dye, 22, May, 2017 (in Progress).
16. Synthesis And Biological Evaluation Of 1,2,3-Benzotriazin-4(3H)-One Based Compounds, Zunera Khalid , Institute of Chemistry, University of Punjab, Pkistan (2011, in Progress) Co-Supervisor.
17. Donor–acceptor– π –acceptor molecular architectures for efficient, Sameera Nasser AlGhamdi , March 22, 2017.
18. Design and synthesis of organic chromophores for hole transport, materials and dye-sensitized solar cells, PhD Proposal March 05, 2017, Laila M. Nhari
19. Synthesis of novel Heterocyclic compounds. Asma Chani, University of Punjab, Pkistan (2011-2017) Co-Supervisor.
20. Synthesis And Biological Evaluation Of 1,2,3-Benzotriazin-4(3h)-One Based Compound, Zunera Khalid, University of Punjab, Pkistan (2011-2017) Co-Supervisor.

M.Sc. and PhD Thesis I Examined

1. Novel Approaches to Functionally Substituted Condensed Azoles and Azines , M.Sc thesis by H. Medrassi, Girl's College of Education, Jeddah, 1425H (2005).
2. Synthesis of different novel sugar-modified pyrimidine analogue nucleosides, M.Sc. Thesis by S. Khyate , Girl's College of Education, Jeddah, 1425H (2005).
3. Synthesis of new Pyrazolone Dyes, M.Sc. Thesis By Z. Al-Amshani, Chemistry Department, Faculty of Science, King AbdulAziz University, Jeddah, M.Sc. Thesis by Zahra Al-Amshani , 18-8-1425 H (2005).
4. Chromatographic and spectroscopy studies on the gum of dracaena cinnabari, faculty of science, King AbdulAziz University, Jeddah, M.Sc. Thesis by Amal A. Bahafi, 1-4-1426 H (2005).
5. Chemical Constituents of *Mer*, Sana Al-Ahmadi, 1427H (2006).
6. Preparation of some bidentate ligands and thier use as catalysts in Asymmetric induction Reactions, Mohammed Bin Battah Al-Shammari, KSU, 2007.
7. Study the chemical Structure of indole alkaloids from *Aspidosperma Excelsum* and *ambelania Occidentalis* , Azhar Taha Mohammed Al-saggaf, (2008).
8. Effect of Nanocomposite coating layer on the fatigue life of Aluminum, Mazin Mahmoud Al-Mahmoud, October, 2008.

9. Utilities of Cyanothiofpramamides in synthesis of some Novel Imidazole and Thiohydantoin Derivatives with Expected Biological & Anti-tumor Activity, PhD thesis, Reem Abdullah Khalaf Al-Harbi. 2009.
10. Reta Boriek , PHD thesis, 2009
11. Hexadecachlorinated Phthalocyaninato Zinc(II), Slem Alrefaie, Tiaba University, Msc, 2009.
12. Synthesis of Novel Derivatives of Pyridopyrazine and Quinooxalene Nuclei and Their Biological Screening, Waqar Nasir, Institute of Chemistry Universty of the Punjab, Lahore, Pakistan, Jan. 2010.
13. Reem Al-Amry, Abha University, Msc.
14. AbdulRahman Al-semeri, Taiba University, Msc,
15. Synthesis of ionic liquids and their applications in the organic synthesis, Sohail Nadeem, Institute of Chemistry University of the Punjab, Lahore, Pakistan, March, 2012.
16. Arwa Al-Roqi, Taif Uuniversity, May, 2012.
17. Zahra Alamshani, King Abdulaziz University, 2013.
18. Synthesis and Charactarization of highly efficient Sensitizers for different types of Solar Cells applications: The Computational modeling and investigations. Moharah Abdullah Al-Qahtani , Msc, King Khalid University, 17-May, 2014.
19. Elsehemi Tiba University, 2014.
20. Imran Khan, "Synthesis and Characterization of Transition Metal doped ZnO and CuO Nanocrytalline Dilute Magnetic Semiconductors". Aligarh Muslim University, 2015.
21. Microwave, sono, Photocatalysis on n-Fe2O3 doped with cobalt and water purification, Abeer Ali Sharafalddin , Chemistry Department, Faculty of Science, Taif University, May, 2ed , 2016.
22. Synthesis of new fluorine containing substituted 1,2,4-Triazolo-1,2,4-Triazine derivative as biocidal targets, Yussuf Adnan Yussuf Ouzbeq, Chemistry Department, Faculty of Science , king Abdulaziz University, Jan 10th , 2017.

List of Publications of Prof. Abdullah Mohamed Asiri

Patents

1- Granted patents

No.	Document	Document Title	Country
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1	8258300	Azo dyes	USA
2	9643149	Cross-linked carbon nanotube networks	USA
3	9308479	Cross-linked carbon nanotube networks	USA
4	9631989	Method of making flexible elastic conductive material and use of the same	USA
5	9538924	Composition and method of making a strain sensor and its use	USA
6	8709262	Synthesizing and utilizing solar light activated nano-particle photocatalyst	USA
7	8940183	Method of making a nano-particle photocatalyst	USA

2- Patents Applications

No.	Document	Document Title	Country
1	US20170023508	Method Of Making Thin Film Humidity Sensors	USA
2	WO/2013/132260A9	Cross-Linked Graphene Networks	WIPO
3	EP2665552B1	Cross-Linked Carbon Nanotube Networks	USA
4	WO/2012/098345A3	Cross-Linked Carbon Nanotube Networks	WIPO
5	EP2822893A2	Cross-Linked Graphene Networks	EU
6	US20170148969	Method Of Making And Using Flexible Elastic Nanotube Composite	USA
7	WO/1994/026729A1	Tribochromic Compounds And Their Applications	WIPO

2- Books

1. Spectroscopic measurement in organic Compounds”, (KAU, Scientific Publication Center, 2004).

2. General Chemistry, (Arabic), , 1st Edition. (2005) , 2nd Edition , (2006), 3^{ed} Edition, (2008).

3. Principals of Organic Spectroscopic Analysis of Organic Compounds, 1st Edition (2006), 2ed Edition (2009).
4. Chemistry: Simplified Approach., 1st Edition (2007).
5. Practical Organic Chemistry. Part one 1st Edition (2009).
6. Practical Organic Chemistry. Part Two 1st Edition (2009).
7. Integrated Organic Chemistry Problems 1st Edition (2009).
8. Simplified Organic Chemistry though Multiple Choice Problems , 1st Edition (2010).
9. Spectroscopic Methods in Organic Chemistry, 1st Edition (2012).
10. Advanced nano composite cation exchange material and chemical sensor, 1st Edition (3 Feb 2013)
11. Development and Prospective Applications of Nanoscience and Nanotechnology Volume 1: Nanomaterials and their Facinating Attributes Book Jan 2016BENTHAM SCIENCE PUBLISHERS LTD Sher Bahadar Khan , Abdullah M. Asiri and Kalsoom Akhtar
12. Nanofiber Research - Reaching New Heights Book Aug 2016InTech Open Access Mohammed M. Rahman and Abdullah M. Asiri.
13. New Polymeric Composite Materials Environmental, Biomedical, Actuator and Fuel Cell Applications Book Oct 2016Materials Research Foundations Inamuddin Inamuddin, Ali Mohammad and Abdullah M. Asiri.
14. Advances in Colloid Science Book Nov 2016InTech Mohammed M. Rahman and Abdullah M. Asiri.
15. CHEMICAL SENSORS BASED ON NANOSTRUCTURE MATERIALS Book Mar 2017LAP LAMBERT Academic Publishing, Hasan Balkhoyor, Mohammed M. Rahman and Abdullah M. Asiri.
16. Recent Progress in Organometallic Chemistry Edited by Mohammed Muzibur Rahman and Abdullah Mohamed Asiri, ISBN 978-953-51-3318-6, Print ISBN 978-953-51-3317-9, 146 pages, Publisher: InTech, Chapters published July 05, 2017 under CC BY 3.0 license DOI: 10.5772/65606.
17. Organic-Inorganic Composite Polymer Electrolyte Membranes Preparation, Properties, and Fuel Cell Applications, Editors: Inamuddin, Ali Mohammad, Abdullah M. Asiri Publisher: Springer International Publishing Print ISBN: 978-3-319-52738-3 Electronic ISBN: 978-3-319-52739-0.

18. ELECTROCHEMICAL SENSORS TECHNOLOGY, Mohammed M. Rahman and Abdullah M. Asiri, Electrochemical Sensors Technology Edited by Mohammed Muzibur Rahman and Abdullah Mohamed Asiri, ISBN 978-953-51-3194-6, Print.
19. RECENT PROGRESS IN ORGANOMETALLIC CHEMISTRY , Jul 2017 InTech , Mohammed Muzibur Rahman and Abdullah M. Asiri.
20. Electric Conductive Polymers and Polymer Composites: From Synthesis to Biomedical Applications, Anish Khan, Mohammad Jawaid, Aftab Aslam Parwaz Khan, Abdullah M. Asiri, ISBN: 978-3-527-34289-1 ,272 pages , February 2018

3- Chapters in A Book

1. Nanoelectronic Device Applications Handbook, Edited by Krzysztof Iniewski, CRC Press 2013, Chapter 9. Production and Characterization of Nanoparticle Dispersions of Organic Semiconductors for Potential Applications in Organic Electronics, Muhammad Hassan Sayyad , Fazal Wahab , Munawar Ali Munawar , Muhammad Shahid , Jamil Anwar Chaudry , Khaulah Sulaiman , Zubair Ahmad and Abdullah Mohamed Asiri, Pages 109–117, Print ISBN: 978-1-4665-6523-4, eBook ISBN: 978-1-4665-6524-1.
2. Sensors Based on Carbon Nanotube Arrays and Graphene for Water Monitoring, Invited Book Chapter in Nanotechnology Applications for Clean Water, ed. M. Savage, et al, Elsevier, Dan Du, Weiying Zhang, Abdullah Mohamed Asiri, Yuehe Lin, 2014, Pages 3–19.
3. Electrochemical Biosensors Based on Nanomaterials for Detection of Pesticides and Explosives, Invited Book Chapter in Nanotechnology Applications for Clean Water, ed. M. Savage, et al, Elsevier, Dan Du, Abdullah Mohamed Asiri, Jun Wang, Yuehe Lin (2014, Pages 47-62) .
4. NHC–Au(I) Complexes: Synthesis, Activation, and Application, N-Heterocyclic Carbenes: Effective Tools for Organometallic Synthesis, Thomas Wurm, Abdullah Mohamed Asiri, A. Stephen K. Hashmi, Pages: 243–270, 2014.
5. Organometallic Intermediates of Gold Catalysis, Tobias Lauterbach, Abdullah Mohamed Asiri, A. Stephen K. Hashmi, Advances in Organometallic Chemistry (Elsevier), Advances in Organometallic Chemistry, Volume 62, 2014, Pages 261-297 .
6. Chemistry of Nanoscience and Technology NANOMATERIALS AND NANOCOMPOSITES: ZERO- TO THREE-DIMENSIONAL MATERIALS AND THEIR COMPOSITES, Aftab Aslam Parwaz Khan, Anish Khan, Abdullah M. Asiri, Pages: 21–74, 2016 ,Published Online : 1 APR 2016, DOI: 10.1002/9783527683772.ch2.
7. Graphene and Graphene Sheets Based Nanocomposites , NANOMATERIALS AND NANOCOMPOSITES: ZERO- TO THREE-DIMENSIONAL MATERIALS AND THEIR COMPOSITES, Anish Khan, Aftab Aslam Parwaz Khan, Abdullah M. Asiri, Pages: 107–150, 2016 Published Online : 1 APR 2016, DOI: 10.1002/9783527683772.ch4.

8. **Biobased-Nanocomposites for Food Packaging Applications in Book "Modified Biopolymers: Challenges and Opportunities"**, Edition: 1st, Chapter: 9, Publisher: Nova Science Publishers Inc., Editors: Deepak Pathania, Gaurav Sharma, Amit Kumar, pp.pp. 207-226.

9. **Creatine Sensors Based on Nanomaterials Chapter · July 2017, In book "Biosynthesis, Health Effects and Clinical Perspectives"**, Publisher: Nova Science Publishers, Editors: Lorraine Hogan, Mohammed M. RahmanMohammad Musarraf HussainAbdullah M. Asiri

3 - Research Papers

No.		Impact factor
1186.	Asad, M., Saba, N., Asiri, A.M., Jawaid, M., Indarti, E., Wanrosli, W.D. Preparation and characterization of nanocomposite films from oil palm pulp nanocellulose/poly (Vinyl alcohol) by casting method (2018) <i>Carbohydrate Polymers</i> , 191, pp. 103-111.	4.811
1185.	Rub, M.A., Azum, N., Khan, F., Asiri, A.M. Aggregation of sodium salt of ibuprofen and sodium taurocholate mixture in different media: A tensiometry and fluorometry study (2018) <i>Journal of Chemical Thermodynamics</i> , 121, pp. 199-210.	2.726
1184.	Hussein, M.A., Rahman, M.M., Asiri, A.M. Novel Facial Conducting Polyamide-Based Dithiophenylidene Cyclohexanone Moiety Utilized for Selective Cu²⁺ Sensing (2018) <i>Polymer - Plastics Technology and Engineering</i> , 57 (, pp. 812-825.	1.232
1183.	Jin, C., Feng, G., Linghu, W., Zhang, L., Shen, R., Hu, J., Huang, Y., Zhu, Y., Asiri, A.M., Marwani, H.M., Wu, X., Sheng, J. Decontamination performance of magnetic graphene oxide towards nickel ions and its underlying mechanism investigation by XAFS (2018) <i>Journal of Molecular Liquids</i> , 258, pp. 48-56.	3.648
1182.	Liao, Q., Zou, D., Pan, W., Linghu, W., Shen, R., Jin, Y., Feng, G., Li, X., Ye, F., Asiri, A.M., Marwani, H.M., Zhu, Y., Wu, X., Dong, W. Highly efficient scavenging of P(V), Cr(VI), Re(VII) anions onto g-C₃N₄ nanosheets from aqueous solutions as impacted via water chemistry (2018) <i>Journal of Molecular Liquids</i> , 258, pp. 275-284.	3.648
1181.	Liao, Q., Yan, S., Linghu, W., Zhu, Y., Shen, R., Ye, F., Feng, G., Dong, L., Asiri, A.M., Marwani, H.M., Xu, D., Wu, X., Li, X. Impact of key geochemical parameters on the highly efficient sequestration of Pb(II) and Cd(II) in water using g-C₃N₄ nanosheets (2018) <i>Journal of Molecular Liquids</i> , 258, pp. 40-47.	3.648
1180.	Husain, H., Ahmad, R., Khan, A., Inamuddin, Asiri, A.M. Proteomic-genomic adjustments and their confluence for elucidation of pathways and networks during liver fibrosis (2018) <i>International Journal of Biological Macromolecules</i> , 111, pp. 379-392.	3.671
1179.	Kanchi, S., Sabela, M.I., Shahbaaz, M., Gumede, N.J., Gopalakrishnan, K., Bisetty, K., Venkatasubba Naidu, N., Inamuddin, Asiri, A.M. Selectivity and sensitivity enhanced green energy waste based indirect-μ-solid phase extraction of carbaryl supported by DFT and molecular docking studies (2018) <i>Journal of Molecular Liquids</i> , 257, pp. 112-120.	3.648
1178.	Alsharif, M.A., Mukhtar, S., Asiri, A.M., Khan, S.A. One pot synthesis, physicochemical and photophysical investigation of biologically active pyridine-3-carboxylate (ECPC) as probe to determine CMC of surfactants in organized media	2.714

	(2018) <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 543, pp. 38-45.	
1177.	Marwani, H.M., Danish, E.Y., Alhazmi, M.A., Khan, S.B., Bakhsh, E.M., Asiri, A.M. Cellulose acetate-iron oxide nanocomposites for trace detection of fluorene from water samples by solid-phase extraction technique (2018) <i>Separation Science and Technology (Philadelphia)</i> , 53 (, pp. 887-895.	1.106
1176.	Rao, M.P., Sathishkumar, P., Mangalaraja, R.V., Asiri, A.M., Sivashanmugam, P., Anandan, S. Simple and low-cost synthesis of CuO nanosheets for visible-light-driven photocatalytic degradation of textile dyes (2018) <i>Journal of Environmental Chemical Engineering</i> , 6 (, pp. 2003-2010.	--
1175.	Xiang, S., Cheng, W., Nie, X., Ding, C., Yi, F., Asiri, A.M., Marwani, H.M. Zero-valent iron-aluminum for the fast and effective U(VI) removal (2018) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 85, pp. 186-192.	4.217
1174.	Zhang, W.-J., Zhou, Z.-X., Liu, L., Zhong, X.-X., Asiri, A.M., Alamry, K.A., Li, F.-B., Zhu, N.-Y., Wong, W.-Y., Qin, H.-M. Highly-efficient blue neutral mononuclear copper(I) halide complexes containing bi- and mono-dentate phosphine ligands (2018) <i>Journal of Luminescence</i> , 196, pp. 425-430.	2.686
1173.	Saleem, L., Altaf, A.A., Badshah, A., Rauf, M.K., Waseem, A., Danish, M., Azam, S.S., Arshad, M.N., Asiri, A.M., Ahmad, S., Gul, R. Structural investigations, anti-leishmanial, antibacterial and docking studies of new pentavalent antimony carboxylates (2018) <i>Inorganica Chimica Acta</i> , 474, pp. 148-155.	2.002
1172.	Xin, Y., Wang, J., Li, Y., Asiri, A.M., Marwani, H.M., Hu, S., Wang, G., Xu, Z. Influence of humic acid on the immobilization of U(VI) by montmorillonite in simulated environmental conditions (2018) <i>Separation Science and Technology (Philadelphia)</i> , 53 (, pp. 696-706.	1.106
1171.	Zheng, Y., Yu, Z., Ou, H., Asiri, A.M., Chen, Y., Wang, X. Black Phosphorus and Polymeric Carbon Nitride Heterostructure for Photoinduced Molecular Oxygen Activation (2018) <i>Advanced Functional Materials</i> , 28 (, art. no. 1705407, . Cited 1 time.	12.124
1170.	Xiong, X., You, C., Liu, Z., Asiri, A.M., Sun, X. Co-Doped CuO Nanoarray: An Efficient Oxygen Evolution Reaction Electrocatalyst with Enhanced Activity (2018) <i>ACS Sustainable Chemistry and Engineering</i> , 6 (, pp. 2883-2887. Cited 2 times.	5.951
1169.	Naveenraj, S., Solomon, R.V., Mangalaraja, R.V., Venuvanalingam, P., Asiri, A.M., Anandan, S. A multispectroscopic and molecular docking investigation of the binding interaction between serum albumins and acid orange dye (2018) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 192, pp. 34-40.	2.536
1168.	Khan, A., Khan, A.A.P., Rahman, M.M., Asiri, A.M., Alfai, S.Y.M., Taib, L.A. Toward Facile Preparation and Design of Mulberry-Shaped Poly(2-methylaniline)-Ce₂(WO₃@CNT Nanocomposite and Its Application for Electrochemical Cd²⁺ Ion Detection for Environment Remediation (2018) <i>Polymer - Plastics Technology and Engineering</i> , 57 (, pp. 335-345.	1.232
1167.	Xie, M., Xiong, X., Yang, L., Shi, X., Asiri, A.M., Sun, X. An Fe(TCNQ)₂ nanowire array on Fe foil: An efficient non-noble-metal catalyst for the oxygen evolution reaction in alkaline media (2018) <i>Chemical Communications</i> , 54 (, pp. 2300-2303.	6.319
1166.	Ahmed, J., Rahman, M.M., Siddiquey, I.A., Asiri, A.M., Hasnat, M.A. Efficient hydroquinone sensor based on zinc, strontium and nickel based ternary metal oxide (TMO) composites by differential pulse voltammetry (2018) <i>Sensors and Actuators, B: Chemical</i> , 256, pp. 383-392. Cited 2 times.	5.401

1165.	Gnana Sundara Raj, B., Bhuvaneshwari, S., Wu, J.J., Asiri, A.M., Anandan, S. Sonochemical synthesis of Co₂SnO₄ nanocubes for supercapacitor applications (2018) <i>Ultrasonics Sonochemistry</i> , 41, pp. 435-440.	4.218
1164.	Gou, Y., Liu, Q., Liu, Z., Asiri, A.M., Sun, X., Hu, J. FeMoO₄ nanorod array: A highly active 3D anode for water oxidation under alkaline conditions (2018) <i>Inorganic Chemistry Frontiers</i> , 5 (, pp. 665-668.	4.036
1163.	Khan, A., Khan, A.A.P., Rahman, M.M., Asiri, A.M., Inamuddin, Alamry, K.A., Hameed, S.A. Preparation and characterization of PANI@G/CWO nanocomposite for enhanced 2-nitrophenol sensing (2018) <i>Applied Surface Science</i> , 433, pp. 696-704.	3.387
1162.	Wen, W., Song, Y., Yan, X., Zhu, C., Du, D., Wang, S., Asiri, A.M., Lin, Y. Recent advances in emerging 2D nanomaterials for biosensing and bioimaging applications (2018) <i>Materials Today</i> , 21 (, pp. 164-177. Cited 1 time.	21.695
1161.	Wu, D., Wei, Y., Ren, X., Ji, X., Liu, Y., Guo, X., Liu, Z., Asiri, A.M., Wei, Q., Sun, X. Co(OH)₂ Nanoparticle-Encapsulating Conductive Nanowires Array: Room-Temperature Electrochemical Preparation for High-Performance Water Oxidation Electrocatalysis (2018) <i>Advanced Materials</i> , 30 (, art. no. 1705366, .	19.791
1160.	Islamoglu, T., Ortuño, M.A., Proussaloglou, E., Howarth, A.J., Vermeulen, N.A., Atilgan, A., Asiri, A.M., Cramer, C.J., Farha, O.K. Presence versus Proximity: The Role of Pendant Amines in the Catalytic Hydrolysis of a Nerve Agent Simulant (2018) <i>Angewandte Chemie - International Edition</i> , 57 (, pp. 1949-1953. Cited 1 time.	11.994
1159.	Wang, Z., Du, H., Liu, Z., Wang, H., Asiri, A.M., Sun, X. Interface engineering of a CeO₂-Cu₃P nanoarray for efficient alkaline hydrogen evolution (2018) <i>Nanoscale</i> , 10 (, pp. 2213-2217.	7.367
1158.	Gou, Y., Yang, L., Liu, Z., Asiri, A.M., Hu, J., Sun, X. Cu₃Mo₂O₉ Nanosheet Array as a High-Efficiency Oxygen Evolution Electrode in Alkaline Solution (2018) <i>Inorganic Chemistry</i> , 57 (, pp. 1220-1225.	4.857
1157.	Khan, S.A., Asiri, A.M. Multi-step synthesis, spectroscopic studies of biological active steroidal thiosemicarbazones and their palladium (II) complex as macromolecules (2018) <i>International Journal of Biological Macromolecules</i> , 107 (PartA), pp. 105-111.	3.671
1156.	Xie, F., Cao, X., Qu, F., Asiri, A.M., Sun, X. Cobalt nitride nanowire array as an efficient electrochemical sensor for glucose and H₂O₂ detection (2018) <i>Sensors and Actuators, B: Chemical</i> , 255, pp. 1254-1261. Cited 11 times.	5.401
1155.	Khan, A.A.P., Khan, A., Asiri, A.M., Khan, S.A., Mohd, A. Complexation and oxidation of Flutamide with Fe³⁺ and 1,10-phenanthroline: Few analytical applications (2018) <i>Arabian Journal of Chemistry</i> , 11 (, pp. 240-246.	4.553
1154.	Ahmed, M., Qadir, M.A., Hameed, A., Arshad, M.N., Asiri, A.M., Muddassar, M. Sulfonamides containing curcumin scaffold: Synthesis, characterization, carbonic anhydrase inhibition and molecular docking studies (2018) <i>Bioorganic Chemistry</i> , 76, pp. 218-227.	3.231
1153.	Bakhsh, E.M., Khan, S.A., Marwani, H.M., Danish, E.Y., Asiri, A.M., Khan, S.B. Performance of cellulose acetate-ferric oxide nanocomposite supported metal catalysts toward the reduction of environmental pollutants	3.671

	(2018) <i>International Journal of Biological Macromolecules</i> , 107 (PartA), pp. 668-677.	
1152.	Subhan, M.A., Saha, P.C., Alam, M.M., Asiri, A.M., Al-Mamun, M., Rahman, M.M. Development of Bis-Phenol A sensor based on Fe₂MoO₄·Fe₃O₄·ZnO nanoparticles for sustainable environment (2018) <i>Journal of Environmental Chemical Engineering</i> , 6 (), pp. 1396-1403.	--
1151.	Yu, H., Zheng, J., Yang, S., Asiri, A.M., Alamry, K.A., Sun, M., Zhang, K., Wang, S., Yang, R. Use of a small molecule as an initiator for interchain staudinger reaction: A new ATP sensing platform using product fluorescence (2018) <i>Talanta</i> , 178, pp. 282-286.	4.162
1150.	Liao, Q., Zou, D., Pan, W., Linghu, W., Shen, R., Li, X., Asiri, A.M., Alamry, K.A., Sheng, G., Zhan, L., Wu, X. Highly efficient capture of Eu(III), La(III), Nd(III), Th(IV) from aqueous solutions using g-C₃N₄ nanosheets (2018) <i>Journal of Molecular Liquids</i> , 252, pp. 351-361. Cited 2 times.	3.648
1149.	ul Haque, S., Inamuddin, Nasar, A., Asiri, A.M. Fabrication and characterization of electrochemically prepared bioanode (polyaniline/ferritin/glucose oxidase) for biofuel cell application (2018) <i>Chemical Physics Letters</i> , 692, pp. 277-284.	1.815
1148.	Zhang, L., Ren, X., Guo, X., Liu, Z., Asiri, A.M., Li, B., Chen, L., Sun, X. Efficient Hydrogen Evolution Electrocatalysis at Alkaline pH by Interface Engineering of Ni₂P-CeO₂ (2018) <i>Inorganic Chemistry</i> , 57 (), pp. 548-552. Cited 1 time.	4.857
1147.	Rahman, M.M., Ahmed, J., Asiri, A.M. Thiourea sensor development based on hydrothermally prepared CMO nanoparticles for environmental safety (2018) <i>Biosensors and Bioelectronics</i> , 99, pp. 586-592. Cited 1 time.	7.780
1146.	Zhang, X., Rakesh, K.P., Shantharam, C.S., Manukumar, H.M., Asiri, A.M., Marwani, H.M., Qin, H.-L. Podophyllotoxin derivatives as an excellent anticancer aspirant for future chemotherapy: A key current imminent needs (2018) <i>Bioorganic and Medicinal Chemistry</i> , 26 (), pp. 340-355.	2.930
1145.	Peng, J., Huang, G., Wang, H.-J., Li, F.-B., Huang, C., Xiang, J.-J., Huang, Y., Liu, L., Liu, C.-Y., Asiri, A.M., Alamry, K.A. TEMPO-Mediated Synthesis of Tetrahydropyridinofullerenes: Reaction of [60]Fullerene with α-Methyl-Substituted Arylmethanamines and Aldehydes in the Presence of 4-Dimethylaminopyridine (2018) <i>Journal of Organic Chemistry</i> , 83 (), pp. 85-95.	4.849
1144.	Asiri, A.M., Hussain, M.M., Arshad, M.N., Rahman, M.M. A Ce²⁺ sensor based on naphthalen-1-yl-methylene-benzenesulfonohydrazide (NMBSH) molecules: Ecological sample analysis (2018) <i>New Journal of Chemistry</i> , 42 (), pp. 4465-4473.	3.269
1143.	Kumar, D., Rub, M.A., Azum, N., Asiri, A.M. Mixed micellization study of ibuprofen (sodium salt) and cationic surfactant (conventional as well as gemini) (2018) <i>Journal of Physical Organic Chemistry</i> , 31 (), art. no. e3730, . Cited 1 time.	1.336
1142.	Dhakshinamoorthy, A., Asiri, A.M., Alvaro, M., Garcia, H. Metal organic frameworks as catalysts in solvent-free or ionic liquid assisted conditions (2018) <i>Green Chemistry</i> , 20 (), pp. 86-107.	9.125
1141.	Hussain, M.M., Asiri, A.M., Arshad, M.N., Rahman, M.M. Fabrication of a Ga³⁺ sensor probe based on methoxybenzylidenesulfonohydrazide (MBBSH) by an electrochemical approach (2018) <i>New Journal of Chemistry</i> , 42 (), pp. 1169-1180. Cited 1 time.	3.269

1140.	Rahman, M.M., Alam, M.M., Asiri, A.M. 2-Nitrophenol sensor-based wet-chemically prepared binary doped Co₃O₄/Al₂O₃ nanosheets by an electrochemical approach (2018) <i>RSC Advances</i> , 8 (, pp. 960-970.	3.108
1139.	Sheikh, T.A., Rahman, M.M., Asiri, A.M., Marwani, H.M. Sensitive 3-chlorophenol sensor development based on facile Er₂O₃/CuO nanomaterials for environmental safety (2018) <i>New Journal of Chemistry</i> , 42 (, pp. 3936-3946.	3.269
1138.	Rahman, M.M., Alam, M.M., Asiri, A.M., Islam, M.A. 3,4-Diaminotoluene sensor development based on hydrothermally prepared MnCo_xO_y nanoparticles (2018) <i>Talanta</i> , 176, pp. 17-25. Cited 1 time.	4.162
1137.	Perveen, R., Inamuddin, Nasar, A., Beenish, Asiri, A.M. Synthesis and characterization of a novel electron conducting biocomposite as biofuel cell anode (2018) <i>International Journal of Biological Macromolecules</i> , 106, pp. 755-762. Cited 1 time.	3.671
1136.	Yang, L., Zhou, H., Qin, X., Guo, X., Cui, G., Asiri, A.M., Sun, X. Cathodic electrochemical activation of Co₃O₄ nanoarrays: A smart strategy to significantly boost the hydrogen evolution activity (2018) <i>Chemical Communications</i> , 54 (, pp. 2150-2153.	6.319
1135.	Han, J., Hao, S., Liu, Z., Asiri, A.M., Sun, X., Xu, Y. In situ development of amorphous Mn-Co-P shell on MnCo₂O₄ nanowire array for superior oxygen evolution electrocatalysis in alkaline media (2018) <i>Chemical Communications</i> , 54 (, pp. 1077-1080.	6.319
1134.	Zhang, Y., Ji, L., Qiu, W., Shi, X., Asiri, A.M., Sun, X. Iodide-derived nanostructured silver promotes selective and efficient carbon dioxide conversion into carbon monoxide (2018) <i>Chemical Communications</i> , 54 (, pp. 2666-2669.	6.319
1133.	Subhan, M.A., Chandra Saha, P., Rahman, M.M., Ahmed, J., Asiri, A.M., Al-Mamun, M. Fabrication of a 2,4-dinitrophenol sensor based on Fe₃O₄@Ag@Ni nanomaterials and studies on their antibacterial properties (2018) <i>New Journal of Chemistry</i> , 42 (, pp. 872-881.	3.269
1132.	Wang, Z., Liu, Z., Du, G., Asiri, A.M., Wang, L., Li, X., Wang, H., Sun, X., Chen, L., Zhang, Q. Ultrafine PtO₂ nanoparticles coupled with a Co(OH)F nanowire array for enhanced hydrogen evolution (2018) <i>Chemical Communications</i> , 54 (, pp. 810-813. Cited 1 time.	6.319
1131.	Xiong, X., Ji, Y., Xie, M., You, C., Yang, L., Liu, Z., Asiri, A.M., Sun, X. MnO₂-CoP₃ nanowires array: An efficient electrocatalyst for alkaline oxygen evolution reaction with enhanced activity (2018) <i>Electrochemistry Communications</i> , 86, pp. 161-165. Cited 13 times.	4.396
1130.	Ren, X., Ji, X., Wei, Y., Wu, D., Zhang, Y., Ma, M., Liu, Z., Asiri, A.M., Wei, Q., Sun, X. In situ electrochemical development of copper oxide nanocatalysts within a TCNQ nanowire array: A highly conductive electrocatalyst for the oxygen evolution reaction (2018) <i>Chemical Communications</i> , 54 (, pp. 1425-1428. Cited 2 times.	6.319
1129.	Zhang, R., Ren, X., Hao, S., Ge, R., Liu, Z., Asiri, A.M., Chen, L., Zhang, Q., Sun, X. Selective phosphidation: An effective strategy toward CoP/CeO₂ interface engineering for superior alkaline hydrogen evolution electrocatalysis (2018) <i>Journal of Materials Chemistry A</i> , 6 (, pp. 1985-1990.	8.867
1128.	Xie, L., Ren, X., Liu, Q., Cui, G., Ge, R., Asiri, A.M., Sun, X., Zhang, Q., Chen, L. A Ni(OH)₂-PtO₂ hybrid nanosheet array with ultralow Pt loading toward	8.867

	efficient and durable alkaline hydrogen evolution (2018) <i>Journal of Materials Chemistry A</i> , 6 (), pp. 1967-1970. Cited 2 times.	
1127.	Wang, Z., Ren, X., Shi, X., Asiri, A.M., Wang, L., Li, X., Sun, X., Zhang, Q., Wang, H. A platinum oxide decorated amorphous cobalt oxide hydroxide nanosheet array towards alkaline hydrogen evolution (2018) <i>Journal of Materials Chemistry A</i> , 6 (), pp. 3864-3868.	8.867
1126.	Zhao, C., Rakesh, K.P., Mumtaz, S., Moku, B., Asiri, A.M., Marwani, H.M., Manukumar, H.M., Qin, H.-L. Arylnaphthalene lactone analogues: Synthesis and development as excellent biological candidates for future drug discovery (2018) <i>RSC Advances</i> , 8 (), pp. 9487-9502.	3.108
1125.	Faidallah, H.M., Girgis, A.S., Tiwari, A.D., Honkanadavar, H.H., Thomas, S.J., Samir, A., Kalmouch, A., Alamry, K.A., Khan, K.A., Ibrahim, T.S., AL-Mahmoudy, A.M.M., Asiri, A.M., Panda, S.S. Synthesis, antibacterial properties and 2D-QSAR studies of quinolone-triazole conjugates (2018) <i>European Journal of Medicinal Chemistry</i> , 143, pp. 1524-1534.	4.519
1124.	Azum, N., Rub, M.A., Asiri, A.M. Interaction of triblock-copolymer with cationic gemini and conventional surfactants: A physicochemical study (2017) <i>Journal of Dispersion Science and Technology</i> , 38 (12), pp. 1785-1791. Cited 2 times.	1.591
1123.	Hussain, M.M., Rahman, M.M., Arshad, M.N., Asiri, A.M. Trivalent Y3+ ionic sensor development based on (E)-Methyl-N'-nitrobenzylidene-benzenesulfonohydrazide (MNBBSH) derivatives modified with nafion matrix (2017) <i>Scientific Reports</i> , 7 (1), art. no. 5837, .	4.259
1122.	Perveen, R., Inamuddin, Ul Haque, S., Nasar, A., Asiri, A.M., Md Ashraf, G. Electrocatalytic performance of chemically synthesized PIn-Au-SGO composite toward mediated biofuel cell anode (2017) <i>Scientific Reports</i> , 7 (1), art. no. 13353, .	4.259
1121.	Haque, S.U., Inamuddin, Nasar, A., Rajender, B., Khan, A., Asiri, A.M., Ashraf, G.M. Optimization of Glucose Powered Biofuel Cell Anode Developed by Polyaniline-Silver as Electron Transfer Enhancer and Ferritin as Biocompatible Redox Mediator (2017) <i>Scientific Reports</i> , 7 (1), art. no. 12703, .	4.259
1120.	Ali, F., Khan, S.B., Kamal, T., Anwar, Y., Alamry, K.A., Asiri, A.M. Bactericidal and catalytic performance of green nanocomposite based-on chitosan/carbon black fiber supported monometallic and bimetallic nanoparticles (2017) <i>Chemosphere</i> , 188, pp. 588-598.	4.208
1119.	Rahman, M.M., Marwani, H.M., Algethami, F.K., Asiri, A.M., Hameed, S.A., Alhogbi, B. Ultra-sensitive p-nitrophenol sensing performances based on various Ag2O conjugated carbon material composites (2017) <i>Environmental Nanotechnology, Monitoring and Management</i> , 8, pp. 73-82.	--
1118.	Abu-Zied, B.M., Hussein, M.A., Asiri, A.M. Structural evolution of non-isothermally formed dysprosium sesquioxide nanoparticles and their optical and electrical conductivity properties (2017) <i>Ceramics International</i> , 43 (16), pp. 13166-13174.	2.986
1117.	Vinoth, V., Wu, J.J., Asiri, A.M., Anandan, S. Sonochemical synthesis of silver nanoparticles anchored reduced graphene oxide nanosheets for selective and sensitive detection of glutathione (2017) <i>Ultrasonics Sonochemistry</i> , 39, pp. 363-373.	4.218

1116.	Kamal, T., Khan, S.B., Haider, S., Alghamdi, Y.G., Asiri, A.M. Thin layer chitosan-coated cellulose filter paper as substrate for immobilization of catalytic cobalt nanoparticles (2017) <i>International Journal of Biological Macromolecules</i> , 104, pp. 56-62. Cited 1 time.	3.671
1115.	Chang, K., Li, X., Liao, Q., Hu, B., Hu, J., Sheng, G., Linghu, W., Huang, Y., Asiri, A.M., Alamry, K.A. Molecular insights into the role of fulvic acid in cobalt sorption onto graphene oxide and reduced graphene oxide (2017) <i>Chemical Engineering Journal</i> , 327, pp. 320-327.	6.216
1114.	Abdul Rub, M., Azum, N., Asiri, A.M. Binary Mixtures of Sodium Salt of Ibuprofen and Selected Bile Salts: Interface, Micellar, Thermodynamic, and Spectroscopic Study (2017) <i>Journal of Chemical and Engineering Data</i> , 62 (10), pp. 3216-3228. Cited 1 time.	2.323
1113.	Khan, S.A., Asiri, A.M. Physicochemical properties of novel methyl 2-[(E)-[(2-hydroxynaphthalen-1-yl)methylidene] amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxylate as turn-off fluorometric chemosensor for detection Fe³⁺ ion (2017) <i>Journal of Molecular Liquids</i> , 243, pp. 85-90.	3.648
1112.	Singh, M., Singh, S., Inamuddin, Asiri, A.M. IFT and friccohesity study of formulation, wetting, dewetting of liquid systems using oscosurvismeter (2017) <i>Journal of Molecular Liquids</i> , 244, pp. 7-18.	3.648
1111.	Rub, M.A., Azum, N., Khan, F., Asiri, A.M. Surface, micellar, and thermodynamic properties of antidepressant drug nortriptyline hydrochloride with TX-114 in aqueous/urea solutions (2017) <i>Journal of Physical Organic Chemistry</i> , 30 (10), art. no. e3676, . Cited 1 time.	1.336
1110.	Pannipara, M., Al-Sehemi, A.G., Kalam, A., Asiri, A.M. Naphthalene based AIE active stimuli-responsive material as rewritable media for temporary communication (2017) <i>Optical Materials</i> , 72, pp. 442-446.	2.238
1109.	Ali, F., Khan, S.B., Kamal, T., Anwar, Y., Alamry, K.A., Asiri, A.M. Anti-bacterial chitosan/zinc phthalocyanine fibers supported metallic and bimetallic nanoparticles for the removal of organic pollutants (2017) <i>Carbohydrate Polymers</i> , 173, pp. 676-689.	4.811
1108.	Ahmad, I., Arshad, M.N., Rahman, M.M., Asiri, A.M., Sheikh, T.A., Aqlan, F.M. Crystal structure of N'-[(E)-(2-hydroxynaphthalen-1-yl) methylidene] benzenesulfonohydrazide (HNMBSH) and its application as Pb²⁺ ion sensor by its fabrication onto glassy carbon electrode (2017) <i>Inorganica Chimica Acta</i> , 467, pp. 297-306.	2.002
1107.	Dong, L., Yang, J., Mou, Y., Sheng, G., Wang, L., Linghu, W., Asiri, A.M., Alamry, K.A. Effect of various environmental factors on the adsorption of U(VI) onto biochar derived from rice straw (2017) <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 314 (1), pp. 377-386.	1.282
1106.	Chani, M.T.S., Karimov, K.S., Marwani, H.M., Danish, E.Y., Ahmad, W., Nabi, J.-U., Hilal, M., Hagfeldt, A., Asiri, A.M. Bulk heterojunction tandem photoelectric cell based on p-Si and phthalocyanine (2017) <i>International Journal of Electrochemical Science</i> , 12 (10), pp. 9250-9261.	1.469
1105.	Liu, L., Yu, L., Chen, X., Yue, J., Asiri, A.M., Marwani, H.M., Huang, D., Wang, S. Synthesis and characterization of binaphthalene-2,2'-diamine-functionalized gold nanoparticles (2017) <i>Journal of Nanoparticle Research</i> , 19 (10), art. no. 344, .	2.020

1104.	Cui, J., Sheng, W., Wu, Q., Yu, C., Hao, E., Bobadova-Parvanova, P., Storer, M., Asiri, A.M., Marwani, H.M., Jiao, L. Synthesis, Structure, and Properties of Near-Infrared [b]Phenanthrene-Fused BF₂ Azadipyrromethenes (2017) <i>Chemistry - An Asian Journal</i> , 12 (18), pp. 2486-2493.	4.083
1103.	Wang, W., Ren, X., Hao, S., Liu, Z., Xie, F., Yao, Y., Asiri, A.M., Chen, L., Sun, X. Self-Templating Construction of Hollow Amorphous CoMoS₄ Nanotube Array towards Efficient Hydrogen Evolution Electrocatalysis at Neutral pH (2017) <i>Chemistry - A European Journal</i> , 23 (52), pp. 12718-12723.	5.317
1102.	Peng, J., Xiang, J.-J., Wang, H.-J., Li, F.-B., Huang, Y.-S., Liu, L., Liu, C.-Y., Asiri, A.M., Alamry, K.A. DMAP-Mediated Synthesis of Fulleropyrrolines: Reaction of [60]Fullerene with Aromatic Aldehydes and Arylmethanamines in the Absence or Presence of Manganese(III) Acetate (2017) <i>Journal of Organic Chemistry</i> , 82 (18), pp. 9751-9764.	4.849
1101.	Zhu, G., Yang, L., Zhang, R., Qu, F., Liu, Z., Du, G., Asiri, A.M., Yao, Y., Sun, X. Anion-exchange synthesis of a nanoporous crystalline CoB₂O₄ nanowire array for high-performance water oxidation electrocatalysis in borate solution (2017) <i>Nanoscale</i> , 9 (34), pp. 12343-12347.	7.367
1100.	Zhang, R., Fang, Y., Chen, T., Qu, F., Liu, Z., Du, G., Asiri, A.M., Gao, T., Sun, X. Enhanced Photoelectrochemical Water Oxidation Performance of Fe₂O₃ Nanorods Array by S Doping (2017) <i>ACS Sustainable Chemistry and Engineering</i> , 5 (9), pp. 7502-7506.	5.951
1099.	Khan, S.A., Asiri, A.M. Spectroscopic, Photophysical Investigation and Micellization for Critical Micelle Concentration of 3-(3,4-Dimethoxyphenyl)-1-(2,5-Dimethylfuran-3-Yl)Prop-2-En-1-One Dye (2017) <i>Journal of Applied Spectroscopy</i> , 84 (4), pp. 687-693.	0.572
1098.	Rub, M.A., Khan, J.M., Azum, N., Asiri, A.M. Influence of antidepressant clomipramine hydrochloride drug on human serum albumin: Spectroscopic study (2017) <i>Journal of Molecular Liquids</i> , 241, pp. 91-98. Cited 5 times.	3.648
1097.	Khan, A., Khan, A.A.P., Asiri, A.M. Toward design and measurement of electrical conductivity and thermal properties of silver nanoparticle embedded poly(o-anisidine) molybdo-phosphate nanocomposite and its application as microbiosensor (2017) <i>Polymer Composites</i> , 38, pp. E237-E245.	2.324
1096.	Rahman, M.M., Hussain, M.M., Asiri, A.M. Fabrication of 3-methoxyphenol sensor based on Fe₃O₄ decorated carbon nanotube nanocomposites for environmental safety: Real sample analyses (2017) <i>PLoS ONE</i> , 12 (9), art. no. e0177817, .	2.806
1095.	Bhagwat, U.O., Wu, J.J., Asiri, A.M., Anandan, S. Sonochemical Synthesis of Mg-TiO₂ nanoparticles for persistent Congo red dye degradation (2017) <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 346, pp. 559-569.	2.625
1094.	Khan, F.U., Asimullah, Khan, S.B., Kamal, T., Asiri, A.M., Khan, I.U., Akhtar, K. Novel combination of zero-valent Cu and Ag nanoparticles @ cellulose acetate nanocomposite for the reduction of 4-nitro phenol (2017) <i>International Journal of Biological Macromolecules</i> , 102, pp. 868-877.	3.671
1093.	Azum, N., Khan, S.B., Rub, M.A., Asiri, A.M., Kumar, D., Din, K.-U. Effect of novel surfactant on the growth kinetics of cobalt nanoparticles (2017) <i>Tenside, Surfactants, Detergents</i> , 54 (5), pp. 448-452.	0.869
1092.	Ahmed, M., Abdul Qadir, M., Imtiaz Shafiq, M., Muddassar, M., Hameed, A., Nadeem Arshad, M., Asiri, A.M. Curcumin: Synthesis optimization and in silico interaction with cyclin	1.288

	dependent kinase (2017) <i>Acta Pharmaceutica</i> , 67 (3), pp. 385-395.	
1091.	Anandan, S., Keerthiga, M., Vijaya, S., Asiri, A.M., Bogush, V., Krasulyaa, O. Physicochemical characterization of black seed oil-milk emulsions through ultrasonication (2017) <i>Ultrasonics Sonochemistry</i> , 38, pp. 766-771.	4.218
1090.	Ji, X., Ren, X., Hao, S., Xie, F., Qu, F., Du, G., Asiri, A.M., Sun, X. Remarkable enhancement of the alkaline oxygen evolution reaction activity of NiCo₂O₄ by an amorphous borate shell (2017) <i>Inorganic Chemistry Frontiers</i> , 4 (9), pp. 1546-1550. Cited 1 time.	4.036
1089.	Arshad, T., Khan, S.A., Faisal, M., Shah, Z., Akhtar, K., Asiri, A.M., Ismail, A.A., Alhogbi, B.G., Khan, S.B. Cerium based photocatalysts for the degradation of acridine orange in visible light (2017) <i>Journal of Molecular Liquids</i> , 241, pp. 20-26. Cited 2 times.	3.648
1088.	Wang, J., Chen, Z., Shao, D., Li, Y., Xu, Z., Cheng, C., Asiri, A.M., Marwani, H.M., Hu, S. Adsorption of U(VI) on bentonite in simulation environmental conditions (2017) <i>Journal of Molecular Liquids</i> , 242, pp. 678-684.	3.648
1087.	Lu, W., Liu, T., Xie, L., Tang, C., Liu, D., Hao, S., Qu, F., Du, G., Ma, Y., Asiri, A.M., Sun, X. In Situ Derived Co₂B Nanoarray: A High-Efficiency and Durable 3D Bifunctional Electrocatalyst for Overall Alkaline Water Splitting (2017) <i>Small</i> , 13 (32), art. no. 1700805, . Cited 3 times.	8.643
1086.	Zhang, L., Zhang, R., Ge, R., Ren, X., Hao, S., Xie, F., Qu, F., Liu, Z., Du, G., Asiri, A.M., Zheng, B., Sun, X. Facilitating Active Species Generation by Amorphous NiFe-Bi Layer Formation on NiFe-LDH Nanoarray for Efficient Electrocatalytic Oxygen Evolution at Alkaline pH (2017) <i>Chemistry - A European Journal</i> , 23 (48), pp. 11499-11503. Cited 1 time.	5.317
1085.	Ma, M., Zhu, G., Xie, F., Qu, F., Liu, Z., Du, G., Asiri, A.M., Yao, Y., Sun, X. Homologous Catalysts Based on Fe-Doped CoP Nanoarrays for High-Performance Full Water Splitting under Benign Conditions (2017) <i>ChemSusChem</i> , 10 (16), pp. 3188-3192.	7.226
1084.	Ma, X., Ma, M., Liu, D., Hao, S., Qu, F., Du, G., Asiri, A.M., Sun, X. Core-Shell-Structured NiS₂@Ni-Bi Nanoarray for Efficient Water Oxidation at Near-Neutral pH (2017) <i>ChemCatChem</i> , 9 (16), pp. 3138-3143.	4.803
1083.	Ahmed, J., Rahman, M.M., Siddiquey, I.A., Asiri, A.M., Hasnat, M.A. Efficient Bisphenol-A detection based on the ternary metal oxide (TMO) composite by electrochemical approaches (2017) <i>Electrochimica Acta</i> , 246, pp. 597-605. Cited 1 time.	4.798
1082.	Ahmed, M., Qadir, M.A., Hameed, A., Arshad, M.N., Asiri, A.M., Muddassar, M. Azomethines, isoxazole, N-substituted pyrazoles and pyrimidine containing curcumin derivatives: Urease inhibition and molecular modeling studies (2017) <i>Biochemical and Biophysical Research Communications</i> , 490 (2), pp. 434-440. Cited 1 time.	2.466
1081.	Zhang, M., Wang, H.-J., Li, F.-B., Zhong, X.-X., Huang, Y.-S., Liu, L., Liu, C.-Y., Asiri, A.M., Alamry, K.A. Synthesis of 2-Aryl-5-alkyl-fulleropyrrolidines: Metal-Free-Mediated Reaction of [60]Fullerene with Aromatic Aldehydes and Inactive Primary Amines (2017) <i>Journal of Organic Chemistry</i> , 82 (16), pp. 8617-8627.	4.849
1080.	Chen, B.-L., Liu, L., Zhong, X.-X., Asiri, A.M., Alamry, K.A., Li, F.-B., Zhu, N.-Y., Wong, W.-Y., Qin, H.-M. Synthesis, characterization and luminescent properties of three-coordinate copper(I) halide complexes containing diphenylamino monodentate phosphine	1.795

	ligand (2017) <i>Journal of Coordination Chemistry</i> , 70 (16), pp. 2916-2928.	
1079.	You, C., Dai, R., Cao, X., Ji, Y., Qu, F., Liu, Z., Du, G., Asiri, A.M., Xiong, X., Sun, X., Huang, K. Fe₂Ni₂N nanosheet array: An efficient non-noble-metal electrocatalyst for non-enzymatic glucose sensing (2017) <i>Nanotechnology</i> , 28 (36), art. no. 365503, .	3.44
1078.	Liu, T., Liu, D., Qu, F., Wang, D., Zhang, L., Ge, R., Hao, S., Ma, Y., Du, G., Asiri, A.M., Chen, L., Sun, X. Enhanced Electrocatalysis for Energy-Efficient Hydrogen Production over CoP Catalyst with Nonelectroactive Zn as a Promoter (2017) <i>Advanced Energy Materials</i> , 7 (15), art. no. 1700020, . Cited 5 times.	16.721
1077.	Pannipara, M., Al-Sehemi, A.G., Kalam, A., Asiri, A.M., Arshad, M.N. AIE active turn-off fluorescent probe for the detection of Cu²⁺ ions (2017) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 183, pp. 84-89.	2.536
1076.	Arshad, M.N., Al-Dies, A.-A.M., Asiri, A.M., Khalid, M., Birinji, A.S., Al-Amry, K.A., Braga, A.A.C. Synthesis, crystal structures, spectroscopic and nonlinear optical properties of chalcone derivatives: A combined experimental and theoretical study (2017) <i>Journal of Molecular Structure</i> , 1141, pp. 142-156. Cited 3 times.	1.753
1075.	Borodina, E., Sharbini Harun Kamaluddin, H., Meirer, F., Mokhtar, M., Asiri, A.M., Al-Thabaiti, S.A., Basahel, S.N., Ruiz-Martinez, J., Weckhuysen, B.M. Influence of the Reaction Temperature on the Nature of the Active and Deactivating Species during Methanol-to-Olefins Conversion over H-SAPO-34 (2017) <i>ACS Catalysis</i> , 7 (8), pp. 5268-5281.	10.614
1074.	Khan, S.A., Asiri, A.M. Synthesis and spectroscopic studies of Ru(II) complexes of steroidal thiosemicarbazones by multi step reaction: As anti-bacterial agents (2017) <i>Steroids</i> , 124, pp. 23-28.	2.282
1073.	Rahman, M.M., Alam, M.M., Asiri, A.M., Islam, M.A. Fabrication of selective chemical sensor with ternary ZnO/SnO₂/Yb₂O₃ nanoparticles (2017) <i>Talanta</i> , 170, pp. 215-223. Cited 7 times.	4.162
1072.	Azum, N., Naqvi, A.Z., Rub, M.A., Asiri, A.M. Multi-technique approach towards amphiphilic drug-surfactant interaction: A physicochemical study (2017) <i>Journal of Molecular Liquids</i> , 240, pp. 189-195. Cited 1 time.	3.648
1071.	Sheikh, T.A., Arshad, M.N., Rahman, M.M., Asiri, A.M., Marwani, H.M., Awual, M.R., Bawazir, W.A. Trace electrochemical detection of Ni²⁺ ions with bidentate N,N'-(ethane-1,2-diyl)bis(3,4-dimethoxybenzenesulfonamide) [EDBDMBS] as a chelating agent (2017) <i>Inorganica Chimica Acta</i> , 464, pp. 157-166. Cited 1 time.	2.002
1070.	Liu, T., Xie, L., Yang, J., Kong, R., Du, G., Asiri, A.M., Sun, X., Chen, L. Self-Standing CoP Nanosheets Array: A Three-Dimensional Bifunctional Catalyst Electrode for Overall Water Splitting in both Neutral and Alkaline Media (2017) <i>ChemElectroChem</i> , 4 (8), pp. 1840-1845.	4.136
1069.	Shao, D., Li, Y., Wang, X., Hu, S., Wen, J., Xiong, J., Asiri, A.M., Marwani, H.M. Phosphate-Functionalized Polyethylene with High Adsorption of Uranium(VI) (2017) <i>ACS Omega</i> , 2 (7), pp. 3267-3275.	--
1068.	Li, K., Ma, M., Xie, L., Yao, Y., Kong, R., Du, G., Asiri, A.M., Sun, X. Monolithically integrated NiCoP nanosheet array on Ti mesh: An efficient and reusable catalyst in NaBH₄ alkaline media toward on-demand hydrogen generation (2017) <i>International Journal of Hydrogen Energy</i> , 42 (30), pp. 19028-19034.	3.582

1067.	Rangreez, T.A., Inamuddin, Asiri, A.M., Alhogbi, B.G., Naushad, M. Synthesis and ion-exchange properties of graphene th(IV) phosphate composite cation exchanger: Its applications in the selective separation of lead metal ions (2017) <i>International Journal of Environmental Research and Public Health</i> , 14 (7), art. no. 828, .	2.101
1066.	Fu, C., Li, Y., Wang, W., Qiu, B., Lin, Z., Wang, S., Wang, S., Asiri, A.M., Alamry, K.A. Use of Fourier transform near-infrared spectroscopy combined with a relevance vector machine to discriminate: Tetrastigma hemsleyanum (Sanyeqing) from other related species (2017) <i>Analytical Methods</i> , 9 (27), pp. 4023-4027.	1.9
1065.	Zha, G.-F., Leng, J., Darshini, N., Shubhavathi, T., Vivek, H.K., Asiri, A.M., Marwani, H.M., Rakesh, K.P., Mallesha, N., Qin, H.-L. Synthesis, SAR and molecular docking studies of benzo[d]thiazole-hydrazones as potential antibacterial and antifungal agents (2017) <i>Bioorganic and Medicinal Chemistry Letters</i> , 27 (14), pp. 3148-3155.	2.454
1064.	Khan, S.A., Asiri, A.M., Al-Ghamdi, N.S.M., Zayed, M.E.M., Sharma, K., Parveen, H. Optical properties of novel environmentally benign biologically active ferrocenyl substituted chromophores: A detailed insight via experimental and theoretical approach (2017) <i>Journal of Molecular Structure</i> , 1139, pp. 137-148.	1.753
1063.	Ma, M., Qu, F., Ji, X., Liu, D., Hao, S., Du, G., Asiri, A.M., Yao, Y., Chen, L., Sun, X. Bimetallic Nickel-Substituted Cobalt-Borate Nanowire Array: An Earth-Abundant Water Oxidation Electrocatalyst with Superior Activity and Durability at Near Neutral pH (2017) <i>Small</i> , 13 (25), art. no. 1700394, . Cited 3 times.	8.643
1062.	Inamuddin, Rangreez, T.A., Asiri, A.M. Fabrication and optimization of Cu(II) ion selective membrane electrode (2017) <i>Journal of Water Chemistry and Technology</i> , 39 (4), pp. 220-227.	0.343
1061.	Asiri, A.M., Al-Dies, A.-A.M., Khan, S.A. Optical and Photophysical Investigation of (2E)-1-(2,5-Dimethylfuran-3-Yl)-3-(9-Ethyl-9H-Carbazol-3-Yl)Prop-2-en-1-One (DEPO) by Spectrofluorometer in Organized Medium (2017) <i>Journal of Fluorescence</i> , 27 (4), pp. 1487-1494.	1.461
1060.	Rahman, M.M., Alfonso, V.G., Fabregat-Santiago, F., Bisquert, J., Asiri, A.M., Alshehri, A.A., Albar, H.A. Hydrazine sensors development based on a glassy carbon electrode modified with a nanostructured TiO₂ films by electrochemical approach (2017) <i>Microchimica Acta</i> , 184 (7), pp. 2123-2129.	4.580
1059.	Din, A., Akhtar, K., Karimov, K.S., Fatima, N., Asiri, A.M., Khan, M.I., Khan, S.B. Fe₂O₃-Co₃O₄ nanocomposites based humidity and temperature sensors (2017) <i>Journal of Molecular Liquids</i> , 237, pp. 266-271.	3.648
1058.	Liu, Q., Xie, L., Qu, F., Liu, Z., Du, G., Asiri, A.M., Sun, X. A porous Ni₃N nanosheet array as a high-performance non-noble-metal catalyst for urea-assisted electrochemical hydrogen production (2017) <i>Inorganic Chemistry Frontiers</i> , 4 (7), pp. 1120-1124.	4.036 4.798
1057.	Alam, M.K., Rahman, M.M., Elzwawy, A., Torati, S.R., Islam, M.S., Todo, M., Asiri, A.M., Kim, D., Kim, C. Highly sensitive and selective detection of Bis-phenol A based on hydroxyapatite decorated reduced graphene oxide nanocomposites (2017) <i>Electrochimica Acta</i> , 241, pp. 353-361.	4.798
1056.	Ji, X., Hao, S., Qu, F., Liu, J., Du, G., Asiri, A.M., Chen, L., Sun, X. Core-shell CoFe₂O₄@Co-Fe-Bi nanoarray: A surface-amorphization water	7.367

	oxidation catalyst operating at near-neutral pH (2017) <i>Nanoscale</i> , 9 (23), pp. 7714-7718. Cited 6 times.	
1055.	Yang, L., Xie, L., Ge, R., Kong, R., Liu, Z., Du, G., Asiri, A.M., Yao, Y., Luo, Y. Core-Shell NiFe-LDH@NiFe-Bi Nanoarray: In Situ Electrochemical Surface Derivation Preparation toward Efficient Water Oxidation Electrocatalysis in near-Neutral Media (2017) <i>ACS Applied Materials and Interfaces</i> , 9 (23), pp. 19502-19506. Cited 3 times.	7.504
1054.	Goswami, S., Miller, C.E., Logsdon, J.L., Buru, C.T., Wu, Y.-L., Bowman, D.N., Islamoglu, T., Asiri, A.M., Cramer, C.J., Wasielewski, M.R., Hupp, J.T., Farha, O.K. Atomistic approach toward selective photocatalytic oxidation of a mustard-gas simulant: A case study with heavy-chalcogen-containing PCN-57 analogues (2017) <i>ACS Applied Materials and Interfaces</i> , 9 (23), pp. 19535-19540. Cited 1 time.	7.504
1053.	Azum, N., Rub, M.A., Asiri, A.M., Bawazeer, W.A. Micellar and interfacial properties of amphiphilic drug–non-ionic surfactants mixed systems: Surface tension, fluorescence and UV–vis studies (2017) <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 522, pp. 183-192. Cited 4 times.	2.714 4.803
1052.	Zhu, W., Zhang, R., Qu, F., Asiri, A.M., Sun, X. Design and Application of Foams for Electrocatalysis (2017) <i>ChemCatChem</i> , 9 (10), pp. 1721-1743. Cited 8 times.	4.803
1051.	Khan, S.A., Asiri, A.M. Green synthesis, characterization and biological evaluation of novel chalcones as anti bacterial agents (2017) <i>Arabian Journal of Chemistry</i> , 10, pp. S2890-S2895. Cited 1 time.	4.553
1050.	Asif, S.A.B., Khan, S.B., Asiri, A.M. Assessment of graphene oxide/MgAl oxide nanocomposite as a non-enzymatic sensor for electrochemical quantification of hydrogen peroxide (2017) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 74, pp. 255-262. Cited 1 time.	4.217
1049.	Khan, A.A.P., Khan, A., Rahman, M.M., Asiri, A.M., Oves, M. Sensor development of 1,2 Dichlorobenzene based on polypyrrole/Cu-doped ZnO (PPY/CZO) nanocomposite embedded silver electrode and their antimicrobial studies (2017) <i>International Journal of Biological Macromolecules</i> , 98, pp. 256-267. Cited 4 times.	3.671
1048.	Hussein, M.A., Osman, O.I., Asiri, A.M., Rozman, H.D., El-Daly, S.A. Photoreactivity, Optical Behavior and DFT Studies of 2,5-Bis[4-choloro-acetyl(thiophen-2-ylmethylene)]cyclopentanone BCTCP in Different Solvents (2017) <i>Journal of Fluorescence</i> , 27 (3), pp. 1129-1140.	1.461
1047.	Marwani, H.M., Chani, M.T.S., Danish, E.Y., Karimov, K.S., Hagfeldt, A., Asiri, A.M. Tandem heterojunction photoelectric cell based on organic-inorganic hybrid of AlPc-H2Pc and n-Si (2017) <i>International Journal of Electrochemical Science</i> , 12 (5), pp. 4096-4106. Cited 1 time.	1.469
1046.	Ma, M., Liu, D., Hao, S., Kong, R., Du, G., Asiri, A.M., Yao, Y., Sun, X. A nickel-borate-phosphate nanoarray for efficient and durable water oxidation under benign conditions (2017) <i>Inorganic Chemistry Frontiers</i> , 4 (5), pp. 840-844. Cited 8 times.	4.036
1045.	Tajik, S., Dubal, D.P., Gomez-Romero, P., Yadegari, A., Rashidi, A., Nasernejad, B., Inamuddin, Asiri, A.M. Nanostructured mixed transition metal oxides for high performance asymmetric supercapacitors: Facile synthetic strategy (2017) <i>International Journal of Hydrogen Energy</i> , 42 (17), pp. 12384-12395. Cited 1 time.	3.582

1044.	Zhang, R., Tang, C., Kong, R., Du, G., Asiri, A.M., Chen, L., Sun, X. Al-Doped CoP nanoarray: A durable water-splitting electrocatalyst with superhigh activity (2017) <i>Nanoscale</i> , 9 (14), pp. 4793-4800. Cited 5 times.	7.367
1043.	Rahman, M., Khan, M.A., Abdul Rub, M., Hoque, M.A., Asiri, A.M. Investigation of the Effect of Various Additives on the Clouding Behavior and Thermodynamics of Polyoxyethylene (20) Sorbitan Monooleate in Absence and Presence of Ceftriaxone Sodium Trihydrate Drug (2017) <i>Journal of Chemical and Engineering Data</i> , 62 (4), pp. 1464-1474. Cited 2 times.	2.323
1042.	Wang, Z., Cao, X., Liu, D., Hao, S., Kong, R., Du, G., Asiri, A.M., Sun, X. Copper-Nitride Nanowires Array: An Efficient Dual-Functional Catalyst Electrode for Sensitive and Selective Non-Enzymatic Glucose and Hydrogen Peroxide Sensing (2017) <i>Chemistry - A European Journal</i> , 23 (21), pp. 4986-4989. Cited 6 times.	5.317
1041.	Cui, L., Qu, F., Liu, J., Du, G., Asiri, A.M., Sun, X. Interconnected Network of Core-Shell CoP@CoBiPi for Efficient Water Oxidation Electrocatalysis under Near Neutral Conditions (2017) <i>ChemSusChem</i> , 10 (7), pp. 1370-1374. Cited 15 times.	7.226
1040.	Dhakshinamoorthy, A., Asiri, A.M., Garcia, H. Metal Organic Frameworks as Versatile Hosts of Au Nanoparticles in Heterogeneous Catalysis (2017) <i>ACS Catalysis</i> , 7 (4), pp. 2896-2919. Cited 6 times.	10.614
1039.	Arshad, M., Jadoon, M., Iqbal, Z., Fatima, M., Ali, M., Ayub, K., Qureshi, A.M., Ashraf, M., Arshad, M.N., Asiri, A.M., Waseem, A., Mahmood, T. Synthesis, molecular structure, quantum mechanical studies and urease inhibition assay of two new isatin derived sulfonylhydrazides (2017) <i>Journal of Molecular Structure</i> , 1133, pp. 80-89. Cited 1 time.	1.753
1038.	Azum, N., Asiri, A.M., Rub, M.A., Al-Youbi, A.O. Thermodynamic properties of ibuprofen sodium salt in aqueous/urea micellar solutions at 298.15 K (2017) <i>Russian Journal of Physical Chemistry A</i> , 91 (4), pp. 685-691. Cited 6 times.	0.581
1037.	Rahman, M.M., Ahmed, J., Asiri, A.M. Development of Creatine sensor based on antimony-doped tin oxide (ATO) nanoparticles (2017) <i>Sensors and Actuators, B: Chemical</i> , 242, pp. 167-175. Cited 4 times.	5.401
1036.	Rahman, M.M., Algethami, F.K., Asiri, A.M., Marwani, H.M., Alhogbi, B. A comparative study on 4-aminophenol sensor development with various CdO nanocomposites (2017) <i>Nano-Structures and Nano-Objects</i> , 10, pp. 141-150. Cited 1 time.	---
1035.	Tang, C., Qu, F., Asiri, A.M., Luo, Y., Sun, X. CoP nanoarray: A robust non-noble-metal hydrogen-generating catalyst toward effective hydrolysis of ammonia borane (2017) <i>Inorganic Chemistry Frontiers</i> , 4 (4), pp. 659-662. Cited 3 times.	4.036
1034.	Rub, M.A., Azum, N., Asiri, A.M., Kashmery, H.A., Alfaifi, S.Y.M., Alharthi, S.S. Effect of Sodium Dodecylbenzenesulfonate on the Association Behavior of Promethazine Hydrochloride in Aqueous/Electrolyte Solutions at Different Temperatures (2017) <i>Journal of Solution Chemistry</i> , 46 (4), pp. 862-885.	1.342
1033.	Zheng, Y., Yu, Z., Lin, F., Guo, F., Alamry, K.A., Taib, L.A., Asiri, A.M., Wang, X. Sulfur-doped carbon nitride polymers for photocatalytic degradation of organic pollutant and reduction of Cr(VI) (2017) <i>Molecules</i> , 22 (4), art. no. 572, . Cited 3 times.	2.861
1032.	Kong, M., Wang, Z., Wang, W., Ma, M., Liu, D., Hao, S., Kong, R., Du, G., Asiri, A.M., Yao, Y., Sun, X.	5.317

	NiCoP Nanoarray: A Superior Pseudocapacitor Electrode with High Areal Capacitance (2017) <i>Chemistry - A European Journal</i> , 23 (18), pp. 4435-4441. Cited 6 times.	
1031.	Cui, L., Liu, D., Hao, S., Qu, F., Du, G., Liu, J., Asiri, A.M., Sun, X. In situ electrochemical surface derivation of cobalt phosphate from a Co(CO₃)_{0.5}(OH)·0.11H₂O nanoarray for efficient water oxidation in neutral aqueous solution (2017) <i>Nanoscale</i> , 9 (11), pp. 3752-3756. Cited 15 times.	7.367
1030.	Wang, W., Liu, D., Hao, S., Qu, F., Ma, Y., Du, G., Asiri, A.M., Yao, Y., Sun, X. High-Efficiency and Durable Water Oxidation under Mild pH Conditions: An Iron Phosphate-Borate Nanosheet Array as a Non-Noble-Metal Catalyst Electrode (2017) <i>Inorganic Chemistry</i> , 56 (6), pp. 3131-3135. Cited 10 times.	4.857
1029.	Beenish, Inamuddin, Asiri, A.M. Electrospun polyaniline/polyvinyl alcohol/multiwalled carbon nanotubes nanofibers as promising bioanode material for biofuel cells (2017) <i>Journal of Electroanalytical Chemistry</i> , 789, pp. 181-187. Cited 1 time.	3.012
1028.	Abu-Zied, B.M., Asiri, A.M. An investigation of the thermal decomposition of nickel citrate as a precursor for Ni[sbnd]NiO composite nanoparticles (2017) <i>Thermochimica Acta</i> , 649, pp. 54-62. Cited 1 time.	2.236
1027.	Wang, J., Kong, R., Asiri, A.M., Sun, X. Replacing Oxygen Evolution with Hydrazine Oxidation at the Anode for Energy-Saving Electrolytic Hydrogen Production (2017) <i>ChemElectroChem</i> , 4 (3), pp. 481-484. Cited 4 times.	4.136
1026.	Rao, M.P., Wu, J.J., Asiri, A.M., Anandan, S. Photocatalytic degradation of tartrazine dye using CuO straw-sheaf-like nanostructures (2017) <i>Water Science and Technology</i> , 75 (6), pp. 1421-1430.	1.197
1025.	Khan, A., Inamuddin, Jain, R.K., Asiri, A.M. Thorium (IV) phosphate-polyaniline composite-based hydrophilic membranes for bending actuator application (2017) <i>Polymer Engineering and Science</i> , 57 (3), pp. 258-267. Cited 1 time.	1.449
1024.	Ahmad, I., Khan, S.B., Kamal, T., Asiri, A.M. Visible light activated degradation of organic pollutants using zinc-iron selenide (2017) <i>Journal of Molecular Liquids</i> , 229, pp. 429-435. Cited 3 times.	3.648
1023.	El-Shishtawy, R.M., Al-Zahrani, F.A.M., Al-amshany, Z.M., Asiri, A.M. Synthesis of a new fluorescent cyanide chemosensor based on phenothiazine derivative (2017) <i>Sensors and Actuators, B: Chemical</i> , 240, pp. 288-296. Cited 6 times.	5.401
1022.	Hussain, M.M., Rahman, M.M., Asiri, A.M. Ultrasensitive and selective 4-aminophenol chemical sensor development based on nickel oxide nanoparticles decorated carbon nanotube nanocomposites for green environment (2017) <i>Journal of Environmental Sciences (China)</i> , 53, pp. 27-38. Cited 5 times.	2.937
1021.	Khan, A., Khan, A.A.P., Asiri, A.M., Marwani, H.M. Preparation of poly(2-methylaniline)V(III) tungstate nanofiber and its application as indicator electrode by diffusion phenomenon (2017) <i>Solid State Ionics</i> , 301, pp. 28-34.	2.354
1020.	Rahman, M.M., Balkhoyor, H.B., Asiri, A.M. Phenolic sensor development based on chromium oxide-decorated carbon nanotubes for environmental safety (2017) <i>Journal of Environmental Management</i> , 188, pp. 228-237. Cited 2 times.	4.010
1019.	Tariq Saeed Chani, M., Marwani, H.M., Danish, E.Y., Karimov, Kh.S., Hilal, M., Hagfeldt, A., Asiri, A.M.	0.449

	Organic-inorganic hybrid tandem bulk heterojunction ITO/AlPc:H2Pc/n-Si/Al photoelectric cell (2017) <i>Journal of Optoelectronics and Advanced Materials</i> , 19 (3-4), pp. 178-183. Cited 1 time.	
1018.	Alam, M.K., Rahman, M.M., Abbas, M., Torati, S.R., Asiri, A.M., Kim, D., Kim, C. Ultra-sensitive 2-nitrophenol detection based on reduced graphene oxide/ZnO nanocomposites (2017) <i>Journal of Electroanalytical Chemistry</i> , 788, pp. 66-73. Cited 3 times.	3.012
1017.	Gul, S., Rehan, Z.A., Khan, S.A., Akhtar, K., Khan, M.A., Khan, M.I., Rashid, M.I., Asiri, A.M., Khan, S.B. Antibacterial PES-CA-Ag2O nanocomposite supported Cu nanoparticles membrane toward ultrafiltration, BSA rejection and reduction of nitrophenol (2017) <i>Journal of Molecular Liquids</i> , 230, pp. 616-624. Cited 4 times.	3.648
1016.	Din, A., Karimov, K.S., Akhtar, K., Khan, M.I., Chani, M.T.S., Khan, M.A., Asiri, A.M., Khan, S.B. Impedimetric humidity sensor based on the use of SnO2-Co3O4 spheres (2017) <i>Journal of Materials Science: Materials in Electronics</i> , 28 (5), pp. 4260-4266.	2.019
1015.	Wang, J., Ma, X., Liu, T., Liu, D., Hao, S., Du, G., Kong, R., Asiri, A.M., Sun, X. NiS2 nanosheet array: A high-active bifunctional electrocatalyst for hydrazine oxidation and water reduction toward energy-efficient hydrogen production (2017) <i>Materials Today Energy</i> , 3, pp. 9-14. Cited 3 times.	--
1014.	Huang, X., Yang, L., Hao, S., Zheng, B., Yan, L., Qu, F., Asiri, A.M., Sun, X. N-Doped carbon dots: A metal-free co-catalyst on hematite nanorod arrays toward efficient photoelectrochemical water oxidation (2017) <i>Inorganic Chemistry Frontiers</i> , 4 (3), pp. 537-540. Cited 4 times.	4.036
1013.	Liu, M., Zhang, R., Zhang, L., Liu, D., Hao, S., Du, G., Asiri, A.M., Kong, R., Sun, X. Energy-efficient electrolytic hydrogen generation using a Cu3P nanoarray as a bifunctional catalyst for hydrazine oxidation and water reduction (2017) <i>Inorganic Chemistry Frontiers</i> , 4 (3), pp. 420-423. Cited 5 times.	4.036
1012.	Hussain, M.M., Rahman, M.M., Arshad, M.N., Asiri, A.M. Hg2+ Sensor Development Based on (E)-N'-Nitrobenzylidene-Benzenesulfonohydrazide (NBBSH) Derivatives Fabricated on a Glassy Carbon Electrode with a Nafion Matrix (2017) <i>ACS Omega</i> , 2 (2), pp. 420-431. Cited 2 times.	--
1011.	Yang, L., Liu, D., Hao, S., Qu, F., Ge, R., Ma, Y., Du, G., Asiri, A.M., Chen, L., Sun, X. Topotactic Conversion of α-Fe2O3 Nanowires into FeP as a Superior Fluorosensor for Nucleic Acid Detection: Insights from Experiment and Theory (2017) <i>Analytical Chemistry</i> , 89 (4), pp. 2191-2195. Cited 2 times.	6.32
1010.	Kamal, T., Ahmad, I., Khan, S.B., Asiri, A.M. Synthesis and catalytic properties of silver nanoparticles supported on porous cellulose acetate sheets and wet-spun fibers (2017) <i>Carbohydrate Polymers</i> , 157, pp. 294-302. Cited 5 times.	4.811
1009.	Zhang, G., Kong, M., Yao, Y., Long, L., Yan, M., Liao, X., Yin, G., Huang, Z., Asiri, A.M., Sun, X. One-pot synthesis of γ-MnS/reduced graphene oxide with enhanced performance for aqueous asymmetric supercapacitors (2017) <i>Nanotechnology</i> , 28 (6), art. no. 065402, . Cited 5 times.	3.44
1008.	Wang, J., Ma, X., Qu, F., Asiri, A.M., Sun, X. Fe-Doped Ni2P Nanosheet Array for High-Efficiency Electrochemical Water Oxidation (2017) <i>Inorganic Chemistry</i> , 56 (3), pp. 1041-1044. Cited 10 times.	4.857
1007.	Rub, M.A., Azum, N., Asiri, A.M., Alfaifi, S.Y.M., Alharthi, S.S. Interaction between antidepressant drug and anionic surfactant in low concentration range in aqueous/salt/urea solution: A conductometric and	3.648

	fluorometric study (2017) <i>Journal of Molecular Liquids</i> , 227, pp. 1-14. Cited 8 times.	
1006.	Decoppet, J.-D., Khan, S.B., Al-Ghamdi, M.S.A., Alhogbi, B.G., Asiri, A.M., Zakeeruddin, S.M., Grätzel, M. Influence of Ionic Liquid Electrolytes on the Photovoltaic Performance of Dye-Sensitized Solar Cells (2017) <i>Energy Technology</i> , 5 (2), pp. 321-326. Cited 1 time.	2.789
1005.	Asiri, A.M., Sobahi, T.R., Osman, O.I., Khan, S.A. Photophysical investigation of (D-π-A) DMHP dye: Dipole moments, photochemical quantum yield and fluorescence quantum yield, by solvatochromic shift methods and DFT studies (2017) <i>Journal of Molecular Structure</i> , 1128, pp. 636-644. Cited 1 time.	1.753
1004.	Liu, T., Ma, X., Liu, D., Hao, S., Du, G., Ma, Y., Asiri, A.M., Sun, X., Chen, L. Mn Doping of CoP Nanosheets Array: An Efficient Electrocatalyst for Hydrogen Evolution Reaction with Enhanced Activity at All pH Values (2017) <i>ACS Catalysis</i> , 7 (1), pp. 98-102. Cited 23 times.	10.614
1003.	Azum, N., Rub, M.A., Asiri, A.M. Self-association and micro-environmental properties of sodium salt of ibuprofen with BRIJ-56 under the influence of aqueous/urea solution (2017) <i>Journal of Dispersion Science and Technology</i> , 38 (1), pp. 96-104. Cited 12 times.	1.591
1002.	Chani, M.T.S., Karimov, K.S., Asiri, A.M. Fabrication and characterization of organic-inorganic (orange dye-vanadium oxide) composite based humidity sensors (2017) <i>International Journal of Electrochemical Science</i> , 12 (2), pp. 1434-1444.	1.469
1001.	Asiri, A.M., Osman, O.I., Al-Thaqafy, S.H., Khan, S.A. Optical properties and fluorescence quenching of carbazole containing (D-π-A) push-pull chromophores by silver nanoparticles: a detailed insight via an experimental and theoretical approach (2017) <i>RSC Advances</i> , 7 (14), pp. 8402-8414.	3.108
1000.	Dhakshinamoorthy, A., Asiri, A.M., Garcia, H. Tuneable nature of metal organic frameworks as heterogeneous solid catalysts for alcohol oxidation (2017) <i>Chemical Communications</i> , 53 (79), pp. 10851-10869.	6.319
999.	Dhakshinamoorthy, A., Asiri, A.M., Concepcion, P., Garcia, H. Synthesis of borasiloxanes by oxidative hydrolysis of silanes and pinacolborane using Cu₃(BTC)₂ as a solid catalyst (2017) <i>Chemical Communications</i> , 53 (72), pp. 9998-10001. Cited 1 time.	6.319
998.	Rahman, M.M., Hussain, M.M., Asiri, A.M. Ultrasensitive and label-free detection of creatine based on CdO nanoparticles: A real sample approach (2017) <i>New Journal of Chemistry</i> , 41 (14), pp. 6667-6677.	3.269
997.	Rahman, M., Abu-Zied, B.M., Asiri, A.M. Ultrasensitive hydrazine sensor fabrication based on Co-doped ZSM-5 zeolites for environmental safety (2017) <i>RSC Advances</i> , 7 (34), pp. 21164-21174. Cited 1 time.	3.108
996.	Rahman, M.M., Alam, M.M., Asiri, A.M., Awual, M.R. Fabrication of 4-aminophenol sensor based on hydrothermally prepared ZnO/Yb₂O₃ nanosheets (2017) <i>New Journal of Chemistry</i> , 41 (17), pp. 9159-9169.	3.269
995.	Rahman, M.M., Hussein, M.A., Abdel Salam, M., Asiri, A.M. Fabrication of an l-glutathione sensor based on PEG-conjugated functionalized CNT nanocomposites: A real sample analysis (2017) <i>New Journal of Chemistry</i> , 41 (19), pp. 10761-10772.	3.269
994.	Rahman, M.M., Alam, M.M., Asiri, A.M. Fabrication of an acetone sensor based on facile ternary MnO₂/Gd₂O₃/SnO₂	3.269

	nanosheets for environmental safety (2017) <i>New Journal of Chemistry</i> , 41 (18), pp. 9938-9946.	
993.	Khan, A., Khan, A.A.P., Asiri, A.M., Khan, I. Facial synthesis, characterization of graphene oxide-zirconium tungstate (GO-Zr(WO₄)₂) nanocomposite and its application as modified microsensor for dopamine (2017) <i>Journal of Alloys and Compounds</i> , 723, pp. 811-819.	3.133
992.	Rahman, M.M., Balkhoyor, H.B., Asiri, A.M. Ultra-sensitive xanthine sensor development based on wet-chemically prepared Co/ZnO nanoparticles (2017) <i>Materials Express</i> , 7 (2), pp. 93-103.	2.062
991.	Rahman, M.M., Alam, M.M., Asiri, A.M., Islam, M.A. Ethanol sensor development based on ternary-doped metal oxides (CdO/ZnO/Yb₂O₃) nanosheets for environmental safety (2017) <i>RSC Advances</i> , 7 (37), pp. 22627-22639. Cited 3 times.	3.108
990.	Xie, L., Asiri, A.M., Sun, X. Monolithically integrated copper phosphide nanowire: An efficient electrocatalyst for sensitive and selective nonenzymatic glucose detection (2017) <i>Sensors and Actuators, B: Chemical</i> , 244, pp. 11-16. Cited 7 times.	5.401
989.	Rahman, M.M., Ahmed, J., Asiri, A.M. A glassy carbon electrode modified with γ-Ce₂S₃-decorated CNT nanocomposites for uric acid sensor development: a real sample analysis (2017) <i>RSC Advances</i> , 7 (24), pp. 14649-14659. Cited 3 times.	3.108
988.	Rahman, M.M., Marwani, H.M., Algethami, F.K., Asiri, A.M. Comparative performance of hydrazine sensors developed with Mn₃O₄/carbon-nanotubes, Mn₃O₄/graphene-oxides and Mn₃O₄/carbon-black nanocomposites (2017) <i>Materials Express</i> , 7 (3), pp. 169-179.	2.062
987.	Rahman, M.M., Marwani, H.M., Algethami, F.K., Asiri, A.M. Xanthine sensor development based on ZnO-CNT, ZnO-CB, ZnO-GO and ZnO nanoparticles: An electrochemical approach (2017) <i>New Journal of Chemistry</i> , 41 (14), pp. 6262-6271.	3.269
986.	Rakstys, K., Paek, S., Grancini, G., Gao, P., Jankauskas, V., Asiri, A.M., Nazeeruddin, M.K. Low-Cost Perovskite Solar Cells Employing Dimethoxydiphenylamine-Substituted Bistricyclic Aromatic Enes as Hole Transport Materials (2017) <i>ChemSusChem</i> , 10 (19), pp. 3825-3832.	7.262
985.	Tang, C., Zhang, R., Lu, W., He, L., Jiang, X., Asiri, A.M., Sun, X. Fe-Doped CoP Nanoarray: A Monolithic Multifunctional Catalyst for Highly Efficient Hydrogen Generation (2017) <i>Advanced Materials</i> , 29 (2), art. no. 1602441, . Cited 52 times.	19.791
984.	Yang, L., Liu, D., Hao, S., Kong, R., Asiri, A.M., Zhang, C., Sun, X. A cobalt-borate nanosheet array: an efficient and durable non-noble-metal electrocatalyst for water oxidation at near neutral pH (2017) <i>Journal of Materials Chemistry A</i> , 5 (16), pp. 7305-7308. Cited 9 times.	8.867
983.	Long, B., Zheng, Y., Lin, L., Alamry, K.A., Asiri, A.M., Wang, X. Cubic mesoporous carbon nitride polymers with large cage-type pores for visible light photocatalysis (2017) <i>Journal of Materials Chemistry A</i> , 5 (31), pp. 16179-16188. Cited 2 times.	8.867
982.	Arshad, M.N., Sheikh, T.A., Rahman, M.M., Asiri, A.M., Marwani, H.M., Awual, M.R. Fabrication of cadmium ionic sensor based on (E)-4-Methyl-N'-(1-(pyridin-2-yl)ethylidene)benzenesulfonohydrazide (MPEBSH) by electrochemical approach (2017) <i>Journal of Organometallic Chemistry</i> , 827, pp. 49-55. Cited 5 times.	2.184

981.	Liu, Y., Cao, X., Kong, R., Du, G., Asiri, A.M., Lu, Q., Sun, X. Cobalt phosphide nanowire array as an effective electrocatalyst for non-enzymatic glucose sensing (2017) <i>Journal of Materials Chemistry B</i> , 5 (10), pp. 1901-1904. Cited 5 times.	4.543
980.	Xie, L., Tang, C., Wang, K., Du, G., Asiri, A.M., Sun, X. Cu(OH)₂@CoCO₃(OH)₂·nH₂O Core–Shell Heterostructure Nanowire Array: An Efficient 3D Anodic Catalyst for Oxygen Evolution and Methanol Electrooxidation (2017) <i>Small</i> , 13 (7), art. no. 1602755, . Cited 7 times.	8.643
979.	Subhan, M.A., Saha, P.C., Rahman, M.M., Akand, M.A.R., Asiri, A.M., Al-Mamun, M. Enhanced photocatalytic activity and chemical sensor development based on ternary B₂O₃-Zn₆Al₂O₉-ZnO nanomaterials for environmental safety (2017) <i>New Journal of Chemistry</i> , 41 (15), pp. 7220-7231.	3.269
978.	Liu, D., Liu, T., Zhang, L., Qu, F., Du, G., Asiri, A.M., Sun, X. High-performance urea electrolysis towards less energy-intensive electrochemical hydrogen production using a bifunctional catalyst electrode (2017) <i>Journal of Materials Chemistry A</i> , 5 (7), pp. 3208-3213. Cited 12 times.	8.867
977.	Zhu, G., Ge, R., Qu, F., Du, G., Asiri, A.M., Yao, Y., Sun, X. In situ surface derivation of an Fe-Co-Bi layer on an Fe-doped Co₃O₄ nanoarray for efficient water oxidation electrocatalysis under near-neutral conditions (2017) <i>Journal of Materials Chemistry A</i> , 5 (14), pp. 6388-6392. Cited 12 times.	8.867
976.	Wang, X.-Y., Leng, J., Wang, S.-M., Asiri, A.M., Marwani, H.M., Qin, H.-L. A facile and mild Pd-catalyzed one-pot process for direct hydrodeoxygenation (HDO) phenols to arenes through a ArOSO₂F intermediates transformation (2017) <i>Tetrahedron Letters</i> , 58 (24), pp. 2340-2343. Cited 1 time.	2.193
975.	Ma, X., Wang, J., Liu, D., Kong, R., Hao, S., Du, G., Asiri, A.M., Sun, X. Hydrazine-assisted electrolytic hydrogen production: CoS₂ nanoarray as a superior bifunctional electrocatalyst (2017) <i>New Journal of Chemistry</i> , 41 (12), pp. 4754-4757. Cited 1 time.	3.269
974.	Zhou, D., Cao, X., Wang, Z., Hao, S., Hou, X., Qu, F., Du, G., Asiri, A.M., Zheng, C., Sun, X. Fe₃N-Co₂N Nanowires Array: A Non-Noble-Metal Bifunctional Catalyst Electrode for High-Performance Glucose Oxidation and H₂O₂ Reduction toward Non-Enzymatic Sensing Applications (2017) <i>Chemistry - A European Journal</i> , 23 (22), pp. 5214-5218. Cited 4 times.	5.317
973.	Ge, R., Ma, M., Ren, X., Qu, F., Liu, Z., Du, G., Asiri, A.M., Chen, L., Zheng, B., Sun, X. A NiCo₂O₄@Ni-Co-Ci core-shell nanowire array as an efficient electrocatalyst for water oxidation at near-neutral pH (2017) <i>Chemical Communications</i> , 53 (55), pp. 7812-7815. Cited 3 times.	6.319
972.	Zhang, R., Yang, L., Huang, X., Chen, T., Qu, F., Liu, Z., Du, G., Asiri, A.M., Sun, X. Se doping: An effective strategy toward Fe₂O₃ nanorod arrays for greatly enhanced solar water oxidation (2017) <i>Journal of Materials Chemistry A</i> , 5 (24), pp. 12086-12090. Cited 1 time.	8.867
971.	Din, A., Khan, S.B., Khan, M.I., Asif, S.A.B., Khan, M.A., Gul, S., Akhtar, K., Asiri, A.M. Cadmium oxide based efficient electrocatalyst for hydrogen peroxide sensing and water oxidation (2017) <i>Journal of Materials Science: Materials in Electronics</i> , 28 (1), pp. 1092-1100. Cited 2 times.	2.019
970.	Xiang, J.-J., Huang, C., Wang, H.-J., Li, F.-B., Shi, J.-L., Huang, Y.-S., Liu, L., Liu, C.-Y., Asiri, A.M., Alamry, K.A. Metal-free-mediated synthesis of fulleropyrrolines by the reaction of [60]fullerene with β-substituted ethylamines (2017) <i>New Journal of Chemistry</i> , 41 (17), pp. 8725-8728.	3.269

969.	Wang, W., Yang, L., Qu, F., Liu, Z., Du, G., Asiri, A.M., Yao, Y., Chen, L., Sun, X. A self-supported NiMoS₄ nanoarray as an efficient 3D cathode for the alkaline hydrogen evolution reaction (2017) <i>Journal of Materials Chemistry A</i> , 5 (32), pp. 16585-16589.	8.867
968.	Ge, R., Ren, X., Qu, F., Liu, D., Ma, M., Hao, S., Du, G., Asiri, A.M., Chen, L., Sun, X. Three-Dimensional Nickel–Borate Nanosheets Array for Efficient Oxygen Evolution at Near-Neutral pH (2017) <i>Chemistry - A European Journal</i> , 23 (29), pp. 6959-6963. Cited 5 times.	5.317
967.	Zhang, M., Luo, Z., Zhou, M., Zhang, G., Alamry, K.A., Taib, L.A., Asiri, A.M., Wang, X. Ni-Co layered double hydroxides cocatalyst for sustainable oxygen photosynthesis (2017) <i>Applied Catalysis B: Environmental</i> , 210, pp. 454-461.	9.446
966.	Zhang, Y., Liu, Y., Ma, M., Ren, X., Liu, Z., Du, G., Asiri, A.M., Sun, X. A Mn-doped Ni₂P nanosheet array: An efficient and durable hydrogen evolution reaction electrocatalyst in alkaline media (2017) <i>Chemical Communications</i> , 53 (80), pp. 11048-11051.	6.319
965.	Zhang, L., Xie, L., Ma, M., Qu, F., Du, G., Asiri, A.M., Chen, L., Sun, X. Co-based nanowire films as complementary hydrogen- and oxygen-evolving electrocatalysts in neutral electrolyte (2017) <i>Catalysis Science and Technology</i> , 7 (13), pp. 2689-2694. Cited 1 time.	5.773
964.	Zhang, Y., Zhang, Z., Yan, W., Zhang, B., Feng, Y., Asiri, A.M., Nazeeruddin, M.K., Gao, P. Hexagonal mesoporous silica islands to enhance photovoltaic performance of planar junction perovskite solar cells (2017) <i>Journal of Materials Chemistry A</i> , 5 (4), pp. 1415-1420. Cited 2 times.	8.867
963.	Akhter, H., Murshed, J., Rashed, M.A., Oshima, Y., Nagao, Y., Rahman, M.M., Asiri, A.M., Hasnat, M.A., Uddin, M.N., Siddiquey, I.A. Fabrication of hydrazine sensor based on silica-coated Fe₂O₃ magnetic nanoparticles prepared by a rapid microwave irradiation method (2017) <i>Journal of Alloys and Compounds</i> , 698, pp. 921-929. Cited 3 times.	3.133
962.	Hao, S., Yang, L., Liu, D., Kong, R., Du, G., Asiri, A.M., Yang, Y., Sun, X. Integrating natural biomass electro-oxidation and hydrogen evolution: Using a porous Fe-doped CoP nanosheet array as a bifunctional catalyst (2017) <i>Chemical Communications</i> , 53 (42), pp. 5710-5713. Cited 3 times.	6.319
961.	Tang, C., Zhang, R., Lu, W., Wang, Z., Liu, D., Hao, S., Du, G., Asiri, A.M., Sun, X. Energy-Saving Electrolytic Hydrogen Generation: Ni₂P Nanoarray as a High-Performance Non-Noble-Metal Electrocatalyst (2017) <i>Angewandte Chemie - International Edition</i> , 56 (3), pp. 842-846. Cited 22 times.	11.994
960.	Xie, L., Qu, F., Liu, Z., Ren, X., Hao, S., Ge, R., Du, G., Asiri, A.M., Sun, X., Chen, L. In situ formation of a 3D core/shell structured Ni₃N@Ni-Bi nanosheet array: An efficient non-noble-metal bifunctional electrocatalyst toward full water splitting under near-neutral conditions (2017) <i>Journal of Materials Chemistry A</i> , 5 (17), pp. 7806-7810. Cited 7 times.	6.319
959.	Ren, X., Wang, W., Ge, R., Hao, S., Qu, F., Du, G., Asiri, A.M., Wei, Q., Chen, L., Sun, X. An amorphous FeMoS₄ nanorod array toward efficient hydrogen evolution electrocatalysis under neutral conditions (2017) <i>Chemical Communications</i> , 53 (64), pp. 9000-9003. Cited 1 time.	6.319
958.	Ji, X., Cui, L., Liu, D., Hao, S., Liu, J., Qu, F., Ma, Y., Du, G., Asiri, A.M., Sun, X. A nickel-borate nanoarray: a highly active 3D oxygen-evolving catalyst electrode operating in near-neutral water (2017) <i>Chemical Communications</i> , 53 (21), pp. 3070-3073. Cited 17 times.	6.319
957.	Xie, L., Zhang, R., Cui, L., Liu, D., Hao, S., Ma, Y., Du, G., Asiri, A.M., Sun, X. High-Performance Electrolytic Oxygen Evolution in Neutral Media Catalyzed by	11.994

	a Cobalt Phosphate Nanoarray (2017) <i>Angewandte Chemie - International Edition</i> , 56 (4), pp. 1064-1068. Cited 38 times.	
956.	Tamboli, M.S., Dubal, D.P., Patil, S.S., Shaikh, A.F., Deonikar, V.G., Kulkarni, M.V., Maldar, N.N., Inamuddin, Asiri, A.M., Gomez-Romero, P., Kale, B.B., Patil, D.R. Mimics of microstructures of Ni substituted Mn_{1-x}Ni_xCo₂O₄ for high energy density asymmetric capacitors (2017) <i>Chemical Engineering Journal</i> , 307, pp. 300-310. Cited 6 times.	6.216
955.	Lee, Y., Paek, S., Cho, K.T., Oveisi, E., Gao, P., Lee, S., Park, J.-S., Zhang, Y., Humphry-Baker, R., Asiri, A.M., Nazeeruddin, M.K. Enhanced charge collection with passivation of the tin oxide layer in planar perovskite solar cells (2017) <i>Journal of Materials Chemistry A</i> , 5 (25), pp. 12729-12734.	6.319
954.	Chowdhury, A.D., Houben, K., Whiting, G.T., Mokhtar, M., Asiri, A.M., Al-Thabaiti, S.A., Basahel, S.N., Baldus, M., Weckhuysen, B.M. Initial Carbon-Carbon Bond Formation during the Early Stages of the Methanol-to-Olefin Process Proven by Zeolite-Trapped Acetate and Methyl Acetate (2016) <i>Angewandte Chemie - International Edition</i> , 55 (51), pp. 15840-15845.	11.994
953.	Huang, Y., Wang, K., Cui, L., Zhu, W., Asiri, A.M., Sun, X. Effective hydrolysis of sodium borohydride driven by self-supported cobalt oxide nanorod array for on-demand hydrogen generation (2016) <i>Catalysis Communications</i> , 87, pp. 94-97.	3.33
952.	Rahman, M.M., Hussain, M.M., Asiri, A.M. A glutathione biosensor based on a glassy carbon electrode modified with CdO nanoparticle-decorated carbon nanotubes in a nafion matrix (2016) <i>Microchimica Acta</i> , 183 (12), pp. 3255-3263.	4.58
951.	Hussain, M.M., Rahman, M.M., Asiri, A.M. Efficient 2-nitrophenol chemical sensor development based on Ce₂O₃ nanoparticles decorated cnt nanocomposites for environmental safety (2016) <i>PLoS ONE</i> , 11 (12), art. no. e0166265, . Cited 1 time.	2.806
950.	Ahmad, I., Kamal, T., Khan, S.B., Asiri, A.M. An efficient and easily retrievable dip catalyst based on silver nanoparticles/chitosan-coated cellulose filter paper (2016) <i>Cellulose</i> , 23 (6), pp. 3577-3588. Cited 2 times.	3.417
949.	Hussain, M.M., Rahman, M.M., Asiri, A.M. Sensitive L-leucine sensor based on a glassy carbon electrode modified with SrO nanorods (2016) <i>Microchimica Acta</i> , 183 (12), pp. 3265-3273. Cited 1 time.	4.58
948.	Khan, S.A., Khan, S.B., Asiri, A.M., Ahmad, I. Zirconia-based catalyst for the one-pot synthesis of coumarin through Pechmann reaction (2016) <i>Nanoscale Research Letters</i> , 11 (1), art. no. 345, . Cited 1 time.	2.833
947.	Aqlan, F.M.S., Arshad, M.N., Asiri, A.M., Khan, K.A., Zayed, M.E.M. The crystal structure of 4-[(benzo[1,3]dioxol-5-ylmethylene)-amino]-1,5-dimethyl-2-phenyl-1,2-dihydro-pyrazol-3-one, C₁₉H₁₇N₃O₃ (2016) <i>Zeitschrift für Kristallographie - New Crystal Structures</i> , 231 (4), pp. 1181-1183.	0.152
946.	Khan, S.A., Khan, S.B., Kamal, T., Asiri, A.M., Akhtar, K. Recent development of chitosan nanocomposites for environmental applications (2016) <i>Recent Patents on Nanotechnology</i> , 10 (3), pp. 181-188. Cited 1 time.	0.912
945.	Kamal, T., Ali, N., Naseem, A.A., Khan, S.B., Asiri, A.M. Polymer nanocomposite membranes for antifouling nanofiltration (2016) <i>Recent Patents on Nanotechnology</i> , 10 (3), pp. 189-201.	0.912

944.	Ahmad, I., Khan, S.B., Asiri, A.M., Arshad, M.N., Khan, S.A. La-Sn oxide nanocatalyst: Efficient materials for the synthesis of cyclohexanones (2016) <i>Journal of Molecular Liquids</i> , 224, pp. 359-365.	3.648
943.	Rehan, Z.A., Gzara, L., Khan, S.B., Alamry, K.A., El-Shahawi, M.S., Albeirutty, M.H., Figoli, A., Drioli, E., Asiri, A.M. Synthesis and characterization of silver nanoparticles-filled polyethersulfone membranes for antibacterial and anti-biofouling application (2016) <i>Recent Patents on Nanotechnology</i> , 10 (3), pp. 231-251.	0.912
942.	Haider, S., Kamal, T., Khan, S.B., Omer, M., Haider, A., Khan, F.U., Asiri, A.M. Natural polymers supported copper nanoparticles for pollutants degradation (2016) <i>Applied Surface Science</i> , 387, pp. 1154-1161. Cited 1 time.	3.387
941.	Naveenraj, S., Mangalaraja, R.V., Wu, J.J., Asiri, A.M., Anandan, S. Gold Triangular Nanoprisms and Nanodecahedra: Synthesis and Interaction Studies with Luminol toward Biosensor Applications (2016) <i>Langmuir</i> , 32 (45), pp. 11854-11860.	3.833
940.	Khan, S.A., Khan, S.B., Asiri, A.M. Layered double hydroxide of Cd-Al/C for the Mineralization and De-coloration of Dyes in Solar and Visible Light Exposure (2016) <i>Scientific Reports</i> , 6, art. no. 35107, . Cited 1 time.	4.259
939.	Asif, S.A.B., Khan, S.B., Asiri, A.M. Electrochemical sensor for H₂O₂ using a glassy carbon electrode modified with a nanocomposite consisting of graphene oxide, cobalt(III) oxide, horseradish peroxidase and nafion (2016) <i>Microchimica Acta</i> , 183 (11), pp. 3043-3052.	4.58
938.	Rub, M.A., Azum, N., Asiri, A.M. Self-association behavior of an amphiphilic drug nortriptyline hydrochloride under the influence of inorganic salts (2016) <i>Russian Journal of Physical Chemistry B</i> , 10 (6), pp. 1007-1013. Cited 1 time.	0.578
937.	Khan, S.A., Asiri, A.M., Aqlan, F.M.S. Microwave Assisted Synthesis, Optical Properties and Physicochemical Investigations on the Powerful Fluorophore: Donor (D) -π-Acceptor (A) Chalcone (2016) <i>Journal of Fluorescence</i> , 26 (6), pp. 2133-2140.	1.461
936.	Kamal, T., Khan, S.B., Asiri, A.M. Nickel nanoparticles-chitosan composite coated cellulose filter paper: An efficient and easily recoverable dip-catalyst for pollutants degradation (2016) <i>Environmental Pollution</i> , 218, pp. 625-633. Cited 4 times.	5.099
935.	Azum, N., Asiri, A.M., Rub, M.A., Al-Youbi, A.O., Khan, A. Thermodynamic aspects of polymer-surfactant interactions: Gemini (16-5-16)-PVP-water system (2016) <i>Arabian Journal of Chemistry</i> , 9, pp. S1660-S1664.	4.533
934.	Sheikh, T.A., Arshad, M.N., Rahman, M.M., Asiri, A.M., Alamry, K.A. Development of highly efficient Co²⁺ ions sensor based on N,N'-(ethane-1,2-diyl)bis(2,5-dimethoxybenzenesulfonamide) (EBDMBS) fabricated glassy carbon electrode (2016) <i>Journal of Organometallic Chemistry</i> , 822, pp. 53-61.	2.184
933.	Irfan, A., Al-Sehemi, A.G., Chaudhry, A.R., Muhammad, S., Asiri, A.M. The structural, electro-optical, charge transport and nonlinear optical properties of 2-[(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)methylidene]indan-1,3-dione (2016) <i>Optik</i> , 127 (21), pp. 10148-10157. Cited 4 times.	0.835
932.	Ahamed, M.I., Inamuddin, Lutfullah, Sharma, G., Khan, A., Asiri, A.M. Turmeric/polyvinyl alcohol Th(IV) phosphate electrospun fibers: Synthesis,	4.217

	characterization and antimicrobial studies (2016) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 68, pp. 407-414.	
931.	Yang, N., Tang, C., Wang, K., Du, G., Asiri, A.M., Sun, X. Iron-doped nickel disulfide nanoarray: A highly efficient and stable electrocatalyst for water splitting (2016) <i>Nano Research</i> , 9 (11), pp. 3346-3354. Cited 5 times.	7.354
930.	Khan, A.A.P., Khan, A., Asiri, A.M., Kulkarni, R.M., Alfaifi, S.Y.M., Alharthi, S.S. Deamination and decarboxylation of L-thyroxine by Chloroamine-T (CAT) in acidic medium: A mechanistic and kinetic study (2016) <i>Russian Journal of Physical Chemistry B</i> , 10 (6), pp. 922-928.	0.578
929.	Irfan, A., Al-Sehemi, A.G., Muhammad, S., Chaudhry, A.R., Kalam, A., Shkir, M., AL-Salami, A.E., Asiri, A.M. The electro-optical and charge transport study of imidazolidin derivative: Quantum chemical investigations (2016) <i>Journal of Saudi Chemical Society</i> , 20 (6), pp. 680-685.	2.887
928.	Yang, L., Wang, K., Du, G., Zhu, W., Cui, L., Zhang, C., Sun, X., Asiri, A.M. Cobalt phosphide nanowall arrays supported on carbon cloth: An efficient monolithic non-noble-metal hydrogen evolution catalyst (2016) <i>Nanotechnology</i> , 27 (47), art. no. 475702, . Cited 1 time.	3.44
927.	Hao, S., Yang, L., Cui, L., Lu, W., Yang, Y., Sun, X., Asiri, A.M. Self-supported spinel FeCo₂O₄ nanowire array: An efficient non-noble-metal catalyst for the hydrolysis of NaBH₄ toward on-demand hydrogen generation (2016) <i>Nanotechnology</i> , 27 (46), art. no. 46LT03, .	3.44
926.	Tang, C., Gan, L., Zhang, R., Lu, W., Jiang, X., Asiri, A.M., Sun, X., Wang, J., Chen, L. Ternary Fe_xCo_{1-x}P Nanowire Array as a Robust Hydrogen Evolution Reaction Electrocatalyst with Pt-like Activity: Experimental and Theoretical Insight (2016) <i>Nano Letters</i> , 16 (10), pp. 6617-6621. Cited 19 times.	12.712
925.	Khan, F., Sheikh, M.S., Rub, M.A., Azum, N., Asiri, A.M. Antidepressant drug amitriptyline hydrochloride (AMT) interaction with anionic surfactant sodium dodecyl sulfate in aqueous/brine/urea solutions at different temperatures (2016) <i>Journal of Molecular Liquids</i> , 222, pp. 1020-1030. Cited 5 times.	3.648
924.	Chani, M.T.S., Khan, S.B., Asiri, A.M., Saeed, G., Arshad, M.N. Humidity sensing properties of zinc oxide-indigo dye nanocomposite (2016) <i>Current Nanoscience</i> , 12 (5), pp. 564-568.	1.062
923.	Chani, M.T.S., Karimov, K.S., Khan, S.B., Kamal, T., Asiri, A.M. Synthesis and pressure sensing properties of pristine zinc oxide nanopowder and its blend with carbon nanotubes (2016) <i>Current Nanoscience</i> , 12 (5), pp. 586-591.	1.062
922.	Khan, S.A., Khan, S.B., Kamal, T., Yasir, M., Asiri, A.M. Antibacterial nanocomposites based on chitosan/Co-MCM as a selective and efficient adsorbent for organic dyes (2016) <i>International Journal of Biological Macromolecules</i> , 91, pp. 744-751. Cited 6 times.	3.671
921.	Azum, N., Taib, L.A., Al Angari, Y.M., Asiri, A.M., Denti, M., Zhao, W., Usta, H., Facchetti, A. π-Conjugated donor-acceptor small molecule thin-films on gold electrodes for reducing the metal work-function (2016) <i>Thin Solid Films</i> , 616, pp. 320-327. Cited 1 time.	1.879
920.	Liu, D., Lu, W., Wang, K., Du, G., Asiri, A.M., Lu, Q., Sun, X. Cobalt phosphide nanowall array as an efficient 3D catalyst electrode for methanol electro-oxidation (2016) <i>Nanotechnology</i> , 27 (44), art. no. 44LT02, .	3.44

919.	Kamal, T., Anwar, Y., Khan, S.B., Chani, M.T.S., Asiri, A.M. Dye adsorption and bactericidal properties of TiO₂/chitosan coating layer (2016) <i>Carbohydrate Polymers</i> , 148, pp. 153-160. Cited 11 times.	4.811
918.	Khan, S.A., Asiri, A.M. Fluorescence quenching of environmentally benign highly fluorescence donor (D)-π-acceptor (A)-π-donor (D) quinoline dye by silver nanoparticles and anionic surfactant in liquid stage (2016) <i>Journal of Molecular Liquids</i> , 221, pp. 381-385. Cited 1 time.	3.648
917.	Khan, S.B., Marwani, H.M., Asiri, A.M., Bakhsh, E.M. Exploration of calcium doped zinc oxide nanoparticles as selective adsorbent for extraction of lead ion (2016) <i>Desalination and Water Treatment</i> , 57 (41), pp. 19311-19320.	1.613
916.	Rahman, M.M., Balkhoyor, H.B., Asiri, A.M., Sobahi, T.R. Development of selective chloroform sensor with transition metal oxide nanoparticle/multi-walled carbon nanotube nanocomposites by modified glassy carbon electrode (2016) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 66, pp. 336-346.	4.217
915.	Rub, M.A., Azum, N., Asiri, A.M., Zayed, M.E.M., Al-Youbi, A.O. Solution properties of phenothiazine drug promazine hydrochloride with cationic hydrotropes in aqueous/electrolyte solution at different temperature (2016) <i>Journal of Physical Organic Chemistry</i> , 29 (9), pp. 476-489. Cited 5 times.	1.336
914.	Afzal, S.M., Razvi, M.A.N., Khan, S.A., Osman, O.I., Bakry, A.H., Asiri, A.M. Physicochemical and nonlinear optical properties of novel environmentally benign heterocyclic azomethine dyes: Experimental and theoretical studies (2016) <i>PLoS ONE</i> , 11 (9), art. no. e0161613, .	2.806
913.	Saleh, T.S., Hussein, M.A., Osman, O.I., Alamry, K.A., Mekky, A.E.M., Asiri, A.M., El-Daly, S.A. Photophysical Behavior and Computational Investigation of Novel 1,4-Bis(2-(2-Phenylpyrimido[1,2-a]Benzimidazol-4-yl)Phenoxy)Butan (BPPB) Macromolecule (2016) <i>Journal of Fluorescence</i> , 26 (5), pp. 1895-1904.	1.461
912.	Asiri, A.M., Hashmi, A.S.K. Gold-catalysed reactions of diynes (2016) <i>Chemical Society Reviews</i> , 45 (16), pp. 4471-4503. Cited 23 times.	38.618
911.	Xing, Z., Wang, D., Li, Q., Asiri, A.M., Sun, X. Self-standing Ni-WN heterostructure nanowires array: A highly efficient catalytic cathode for hydrogen evolution reaction in alkaline solution (2016) <i>Electrochimica Acta</i> , 210, pp. 729-733. Cited 3 times.	4.798
910.	Chen, T., Liu, D., Lu, W., Wang, K., Du, G., Asiri, A.M., Sun, X. Three-dimensional Ni₂P nanoarray: An efficient catalyst electrode for sensitive and selective nonenzymatic glucose sensing with high specificity (2016) <i>Analytical Chemistry</i> , 88 (16), pp. 7885-7889. Cited 14 times.	6.32
909.	Rahman, M.M., Alamry, K.A., Saleh, T.S., Asiri, A.M. Sensitive and selective Cu²⁺ sensor based on 4-(3-(thiophen-2-yl)-9H-carbazol-9-yl)benzaldehyde (TPCBZ) conjugated copper-complex (2016) <i>Journal of Organometallic Chemistry</i> , 817, pp. 43-49. Cited 1 time.	2.184
908.	Kaviyarasan, K., Anandan, S., Mangalaraja, R.V., Asiri, A.M., Wu, J.J. Chemiluminescence studies between aqueous phase synthesized mercaptosuccinic acid capped cadmium telluride quantum dots and luminol-H₂O₂ (2016) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 165, pp. 138-144.	2.536
907.	Bardak, F., Karaca, C., Bilgili, S., Atac, A., Mavis, T., Asiri, A.M., Karabacak, M., Kose, E. Conformational, electronic, and spectroscopic characterization of isophthalic acid (monomer and dimer structures) experimentally and by DFT	2.536

	(2016) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 165, pp. 33-46. Cited 1 time.	
906.	Khan, S.A., Asiri, A.M., Al-Thaqafy, S.H. Physicochemical Investigation, Fluorescence Quenching and Micellization of Ethyl 4-(2,4,5-trimethoxyphenyl)-2-methyl-5-oxo-4,5-dihydro-1H-indeno[1,2-b]pyridine-3-carboxylate (EIPC) in Organized Media (2016) <i>Journal of Solution Chemistry</i> , 45 (8), pp. 1115-1129.	1.342
905.	Chani, M.T.S., Karimov, K.S., Khan, S.B., Asiri, A.M. Fabrication and investigation of cellulose acetate-copper oxide nano-composite based humidity sensors (2016) <i>Sensors and Actuators, A: Physical</i> , 246, pp. 58-65. Cited 3 times.	2.499
904.	Khan, A.A.P., Khan, A., Rahman, M.M., Asiri, A.M., Oves, M. Lead sensors development and antimicrobial activities based on graphene oxide/carbon nanotube/poly(O-toluidine) nanocomposite (2016) <i>International Journal of Biological Macromolecules</i> , 89, pp. 198-205. Cited 3 times.	3.671
903.	Marwani, H.M., Alsafrani, A.E., Al-Turaif, H.A., Asiri, A.M., Khan, S.B. Selective extraction and detection of noble metal Based on ionic liquid immobilized silica gel surface using ICP-OES (2016) <i>Bulletin of Materials Science</i> , 39 (4), pp. 1011-1019.	0.899
902.	Khan, A., Asiri, A.M., Aslam Parwaz Khan, A., Sirajuddin, Gupta, V., Inamuddin Room temperature preparation, electrical conductivity, and thermal behavior evaluation on silver nanoparticle embedded polyaniline tungstophosphate nanocomposite (2016) <i>Polymer Composites</i> , 37 (8), pp. 2460-2466.	2.324
901.	Mekheimer, R.A., Asiri, A.M., Abdel Hameed, A.M., Awed, R.R., Sadek, K.U. An efficient multicomponent, one-pot synthesis of Betti bases catalyzed by cerium (IV) ammonium nitrate (CAN) at ambient temperature (2016) <i>Green Processing and Synthesis</i> , 5 (4), pp. 365-369.	0.782
900.	Baldoví, H.G., Latorre-Sánchez, M., Esteve-Adell, I., Khan, A., Asiri, A.M., Kosa, S.A., Garcia, H. Generation of MoS₂ quantum dots by laser ablation of MoS₂ particles in suspension and their photocatalytic activity for H₂ generation (2016) <i>Journal of Nanoparticle Research</i> , 18 (8), art. no. 240, . Cited 1 time.	2.02
899.	Gzara, L., Ahmad Rehan, Z., Khan, S.B., Alamry, K.A., Albeirutty, M.H., El-Shahawi, M.S., Rashid, M.I., Figoli, A., Drioli, E., Asiri, A.M. Preparation and characterization of PES-cobalt nanocomposite membranes with enhanced anti-fouling properties and performances (2016) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 65, pp. 405-419. Cited 1 time.	4.217
898.	Liu, D., Chen, T., Zhu, W., Cui, L., Asiri, A.M., Lu, Q., Sun, X. Cobalt phosphide nanowires: An efficient electrocatalyst for enzymeless hydrogen peroxide detection (2016) <i>Nanotechnology</i> , 27 (33), art. no. 33LT01, . Cited 2 times.	3.44
897.	Al-Sehemi, A.G., Pannipara, M., Kalam, A., Asiri, A.M. A Combined Experimental and Computational Investigation on Spectroscopic and Photophysical Properties of a Coumarinyl Chalcone (2016) <i>Journal of Fluorescence</i> , 26 (4), pp. 1357-1365.	1.461
896.	Al-Soliemy, A.M., Osman, O.I., Hussein, M.A., Asiri, A.M., El-Daly, S.A. Fluorescence, Photophysical Behaviour and DFT Investigation of E,E-2,5-bis[2-(3-pyridyl)ethenyl]pyrazine (BPEP) (2016) <i>Journal of Fluorescence</i> , 26 (4), pp. 1199-1209.	1.461
895.	Rahman, M.M., Ahmed, J., Asiri, A.M., Siddiquey, I.A., Hasnat, M.A. Development of 4-methoxyphenol chemical sensor based on NiS₂-CNT nanocomposites	4.217

	(2016) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 64, pp. 157-165. Cited 1 time.	
894.	Khan, S.B., Ali, F., Kamal, T., Anwar, Y., Asiri, A.M., Seo, J. CuO embedded chitosan spheres as antibacterial adsorbent for dyes (2016) <i>International Journal of Biological Macromolecules</i> , 88, pp. 113-119. Cited 7 times.	3.671
893.	Asiri, A.M., Faidallah, H.M., Al-Youbi, A.O., Arshad, M.N., Osman, O.I., Zayed, M.E.M. An efficient approach towards the synthesis, crystal structures, DFT and cytotoxic activity of highly congested 11-aryl-10,12-dihydroindino[1,2-b',2',1'-e]pyridine (2016) <i>Journal of Chemical Research</i> , 40 (7), pp. 428-435.	0.646
892.	Rasool, N., Kanwal, A., Rasheed, T., Ain, Q., Mahmood, T., Ayub, K., Zubair, M., Khan, K.M., Arshad, M.N., Asiri, A.M., Zia-Ul-Haq, M., Jaafar, H.Z.E. One pot selective arylation of 2-bromo-5-chloro thiophene; molecular structure investigation via density functional theory (DFT), X-ray analysis, and their biological activities (2016) <i>International Journal of Molecular Sciences</i> , 17 (7), art. no. 912, . Cited 2 times.	3.226
891.	Xing, Z., Yang, X., Asiri, A.M., Sun, X. Three-Dimensional Structures of MoS₂@Ni Core/Shell Nanosheets Array toward Synergetic Electrocatalytic Water Splitting (2016) <i>ACS Applied Materials and Interfaces</i> , 8 (23), pp. 14521-14526. Cited 5 times.	7.504
890.	Luo, Q., Peng, M., Sun, X., Luo, Y., Asiri, A.M. Efficient electrochemical water splitting catalyzed by electrodeposited NiFe nanosheets film (2016) <i>International Journal of Hydrogen Energy</i> , 41 (21), pp. 8785-8792. Cited 6 times.	3.582
889.	Dhakshinamoorthy, A., Asiri, A.M., Garcia, H. Cu₃(BTC)₂ as heterogeneous catalyst for the room temperature oxidative hydroxylation of arylboronic acids (2016) <i>Tetrahedron</i> , 72 (22), pp. 2895-2899. Cited 2 times.	2.651
888.	Khan, A.A.P., Khan, A., Asiri, A.M., Khan, S.A. Studies on the oxidation of levofloxacin by N-bromosuccinimide in acidic medium and their mechanistic pathway (2016) <i>Journal of Molecular Liquids</i> , 218, pp. 604-610. Cited 2 times.	3.648
887.	Kamal, T., Khan, S.B., Asiri, A.M. Synthesis of zero-valent Cu nanoparticles in the chitosan coating layer on cellulose microfibrils: evaluation of azo dyes catalytic reduction (2016) <i>Cellulose</i> , 23 (3), pp. 1911-1923. Cited 8 times.	3.417
886.	Rub, M.A., Azum, N., Asiri, A.M. Interaction of cationic amphiphilic drug nortriptyline hydrochloride with TX-100 in aqueous and urea solutions and the studies of physicochemical parameters of the mixed micelles (2016) <i>Journal of Molecular Liquids</i> , 218, pp. 595-603. Cited 12 times.	3.648
885.	Bifari, E.N., Khan, S.B., Alamry, K.A., Asiri, A.M., Akhtar, K. Cellulose acetate based nanocomposites for biomedical applications: A review (2016) <i>Current Pharmaceutical Design</i> , 22 (20), pp. 3007-3019. Cited 3 times.	2.611
884.	Gabal, M.A., Al-Harthy, E.A., Al Angari, Y.M., Abdel Salam, M., Asiri, A.M. Synthesis, characterization and magnetic properties of MWCNTs decorated with Zn-substituted MnFe₂O₄ nanoparticles using waste batteries extract (2016) <i>Journal of Magnetism and Magnetic Materials</i> , 407, pp. 175-181. Cited 3 times.	2.63
883.	Rahman, M.M., Marwani, H.M., Alshehri, A.A., Albar, H.A., Bisquert, J., Asiri, A.M.	2.184

	Room temperature stable ClPrNtf2 ionic liquid utilizing for chemical sensor development (2016) <i>Journal of Organometallic Chemistry</i> , 811, pp. 74-80. Cited 2 times.	
882.	Liu, T., Sun, X., Asiri, A.M., He, Y. One-step electrodeposition of Ni-Co-S nanosheets film as a bifunctional electrocatalyst for efficient water splitting (2016) <i>International Journal of Hydrogen Energy</i> , 41 (18), pp. 7264-7269. Cited 10 times.	3.582
881.	Asiri, A.M., Ersanli, C.C., Şahin, O., Arshad, M.N., Hameed, S.A. Molecular structure, spectroscopic and quantum chemical studies of 1',3',3'-trimethylspiro[benzo[f]chromene-3,2'-indoline (2016) <i>Journal of Molecular Structure</i> , 1111, pp. 108-117. Cited 1 time.	1.753
880.	Singh, G., Narayan, R.L., Asiri, A.M., Ramamurthy, U. Discrete drops in the electrical contact resistance during nanoindentation of a bulk metallic glass (2016) <i>Applied Physics Letters</i> , 108 (18), art. no. 181903, .	3.411
879.	Rahman, M.M., Khan, A., Marwani, H.M., Asiri, A.M. Hydrazine sensor based on silver nanoparticle-decorated polyaniline tungstophosphate nanocomposite for use in environmental remediation (2016) <i>Microchimica Acta</i> , 183 (5), pp. 1787-1796. Cited 1 time.	4.58
878.	Zayed, M.E.M., Asiri, A.M., Khan, S.A. Microwave Assisted Synthesis, Spectrofluorometric Characterization of Azomethine as Intermediate for Transition Metal Complexes with Biological Application (2016) <i>Journal of Fluorescence</i> , 26 (3), pp. 937-947.	1.461
877.	Khan, S.B., Khan, S.A., Asiri, A.M. A fascinating combination of Co, Ni and Al nanomaterial for oxygen evolution reaction (2016) <i>Applied Surface Science</i> , 370, pp. 445-451. Cited 7 times.	3.387
876.	Rahman, M.M., Balkhoyor, H.B., Asiri, A.M., Marwani, H.M. A gold electrode modified with silver oxide nanoparticle decorated carbon nanotubes for electrochemical sensing of dissolved ammonia (2016) <i>Microchimica Acta</i> , 183 (5), pp. 1677-1685. Cited 2 times.	4.58
875.	Azum, N., Rub, M.A., Asiri, A.M. Micellization and Interfacial Behavior of the Sodium Salt of Ibuprofen–BRIJ-58 in Aqueous/Brine Solutions (2016) <i>Journal of Solution Chemistry</i> , 45 (5), pp. 791-803. Cited 4 times.	1.342
874.	Khan, S.A., Khan, S.B., Asiri, A.M. Electro-catalyst based on cerium doped cobalt oxide for oxygen evolution reaction in electrochemical water splitting (2016) <i>Journal of Materials Science: Materials in Electronics</i> , 27 (5), pp. 5294-5302. Cited 7 times.	2.019
873.	Hussein, M.A., El-Shishtawy, R.M., Abu-Zied, B.M., Asiri, A.M. The impact of cross-linking degree on the thermal and texture behavior of poly(methyl methacrylate) (2016) <i>Journal of Thermal Analysis and Calorimetry</i> , 124 (2), pp. 709-717. Cited 1 time.	1.953
872.	Rub, M.A., Khan, F., Sheikh, M.S., Azum, N., Asiri, A.M. Tensiometric, fluorescence and 1H NMR study of mixed micellization of non-steroidal anti-inflammatory drug sodium salt of ibuprofen in the presence of non-ionic surfactant in aqueous/urea solutions (2016) <i>Journal of Chemical Thermodynamics</i> , 96, pp. 196-207. Cited 18 times.	2.726
871.	Dhakshinamoorthy, A., Asiri, A.M., García, H. Metal-Organic Framework (MOF) Compounds: Photocatalysts for Redox Reactions and Solar Fuel Production	11.994

	(2016) <i>Angewandte Chemie - International Edition</i> , 55 (18), pp. 5414-5445. Cited 38 times.	
870.	Karim, M.R., Takehira, H., Rahman, M.M., Asiri, A.M., Amin, M.K., Ohtani, R., Hayami, S. Magnetic and liquid crystalline property of long-alkyl chain appended iron (II) imidazole complexes (2016) <i>Journal of Organometallic Chemistry</i> , 808, pp. 42-47.	2.184
869.	Tang, C., Xie, L., Sun, X., Asiri, A.M., He, Y. Highly efficient electrochemical hydrogen evolution based on nickel diselenide nanowall film (2016) <i>Nanotechnology</i> , 27 (20), art. no. 20LT02, . Cited 5 times.	3.44
868.	Khan, S.A., Asiri, A.M. Physicochemical, photophysical investigation and micellization of 1-(2,5-dimethylfuran-3-yl)-3-(2,4,5-trimethoxyphenyl)prop-2-en-1-one (DFTP) dye by fluorophotometry (2016) <i>Journal of Molecular Liquids</i> , 216, pp. 423-428. Cited 1 time.	3.648
867.	Azum, N., Rub, M.A., Asiri, A.M. Micellization and interfacial behavior of binary and ternary mixtures in aqueous medium (2016) <i>Journal of Molecular Liquids</i> , 216, pp. 94-98. Cited 10 times.	3.648
866.	Rahman, M.M., Asiri, A.M., Youssef, T.E., Marwani, H.M. Photocatalytic degradation of remazol brilliant orange 3R using wet-chemically prepared CdO-ZnO nanofibers for environmental remediation (2016) <i>Materials Express</i> , 6 (2), pp. 137-148. Cited 1 time.	2.062
865.	El-Shishtawy, R.M., Elroby, S.A., Asiri, A.M., Müllen, K. Optical absorption spectra and electronic properties of symmetric and asymmetric squaraine dyes for use in DSSC solar cells: DFT and TD-DFT studies (2016) <i>International Journal of Molecular Sciences</i> , 17 (4), art. no. 487, pp. 1-12. Cited 2 times.	3.226
864.	Rahman, M.M., Hussein, M.A., Alamry, K.A., Al Shehry, F.M., Asiri, A.M. Sensitive methanol sensor based on PMMA-G-CNTs nanocomposites deposited onto glassy carbon electrodes (2016) <i>Talanta</i> , 150, pp. 71-80. Cited 6 times.	4.162
863.	Khan, A., Khan, A.A.P., Asiri, A.M., Gupta, V., Rathore, M. Preparation, properties and applications of organic-inorganic hybrid nanocomposite poly(aniline-co-o-toluidine) tungstomolybdate (2016) <i>Journal of Molecular Liquids</i> , 216, pp. 646-653.	3.648
862.	Gul, S., Ismail, M., Khan, M.I., Khan, S.B., Asiri, A.M., Rahman, I.U., Khan, M.A., Kamboh, M.A. Novel synthesis of silver nanoparticles using melon aqueous extract and evaluation of their feeding deterrent activity against housefly <i>Musca domestica</i> (2016) <i>Asian Pacific Journal of Tropical Disease</i> , 6 (4), pp. 311-316. Cited 3 times.	0.925
861.	Muhammad, S., Al-Sehemi, A.G., Irfan, A., Chaudhry, A.R., Gharni, H., AlFaify, S., Shkir, M., Asiri, A.M. The impact of position and number of methoxy group(s) to tune the nonlinear optical properties of chalcone derivatives: a dual substitution strategy (2016) <i>Journal of Molecular Modeling</i> , 22 (4), art. no. 73, . Cited 3 times.	1.425
860.	Paek, S., Rub, M.A., Choi, H., Kosa, S.A., Alamry, K.A., Cho, J.W., Gao, P., Ko, J., Asiri, A.M., Nazeeruddin, M.K. A dual-functional asymmetric squaraine-based low band gap hole transporting material for efficient perovskite solar cells (2016) <i>Nanoscale</i> , 8 (12), pp. 6335-6340. Cited 5 times.	7.367
859.	Al-Muhanna, M.K., Rub, M.A., Azum, N., Khan, S.B., Asiri, A.M. Self-Aggregation Phenomenon of Promazine Hydrochloride Under the Influence of Sodium Cholate/Sodium Deoxycholate in Aqueous Medium	1.591

	(2016) <i>Journal of Dispersion Science and Technology</i> , 37 (3), pp. 450-463. Cited 8 times.	
858.	Manoharan, S., Asiri, A.M., Anandan, S. Impact of anchoring groups for improving the binding nature of organic dyes toward high efficient dye sensitized solar cells (2016) <i>Solar Energy</i> , 126, pp. 22-31. Cited 3 times.	4.018
857.	Rub, M.A., Khan, F., Azum, N., Asiri, A.M., Marwani, H.M. Micellization phenomena of amphiphilic drug and TX-100 mixtures: Fluorescence, UV-visible and ¹H NMR study (2016) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 60, pp. 32-43. Cited 7 times.	4.217
856.	Afzal, S.M., Asiri, A.M., Razvi, M.A.N., Bakry, A.H., Khan, S.A., Zayed, M.E.M. Synthesis, Spectrofluorometric Studies, Micellization and non Linear Optical Properties of Blue Emitting Quinoline (AMQC) Dye (2016) <i>Journal of Fluorescence</i> , 26 (2), pp. 559-566. Cited 1 time.	1.461
855.	Mustafa, G., Zia-Ur-Rehman, M., Khan, I.U., Ishtiaq, S., Hussain, S., Arshad, M.N., Asiri, A.M. Novel 4-[5-{4-[(2-benzylidenehydrazine)carbonyl]phenyl}-3-(trifluoromethyl)-1H-pyrazol-1-yl]benzenesulfonamides: Synthesis, crystal structure, anti-inflammatory and ulcerogenecity studies (2016) <i>Journal of Chemical Research</i> , 40 (3), pp. 167-172. Cited 1 time.	0.646
854.	Vinoth, V., Wu, J.J., Asiri, A.M., Lana-Villarreal, T., Bonete, P., Anandan, S. SnO₂-decorated multiwalled carbon nanotubes and Vulcan carbon through a sonochemical approach for supercapacitor applications (2016) <i>Ultrasonics Sonochemistry</i> , 29, pp. 205-212. Cited 4 times.	4.218
853.	Akter, N., Hossain, M.A., Hassan, M.J., Amin, M.K., Elias, M., Rahman, M.M., Asiri, A.M., Siddiquey, I.A., Hasnat, M.A. Amine modified tannin gel for adsorptive removal of Brilliant Green dye (2016) <i>Journal of Environmental Chemical Engineering</i> , 4 (1), pp. 1231-1241. Cited 1 time.	xxxxx
852.	Pu, Z., Luo, Y., Asiri, A.M., Sun, X. Efficient Electrochemical Water Splitting Catalyzed by Electrodeposited Nickel Diselenide Nanoparticles Based Film (2016) <i>ACS Applied Materials and Interfaces</i> , 8 (7), pp. 4718-4723. Cited 31 times.	7.504
851.	Liu, T., Asiri, A.M., Sun, X. Electrodeposited Co-doped NiSe₂ nanoparticles film: A good electrocatalyst for efficient water splitting (2016) <i>Nanoscale</i> , 8 (7), pp. 3911-3915. Cited 41 times.	7.367
850.	Liang, Y., Sun, X., Asiri, A.M., He, Y. Amorphous Ni-B alloy nanoparticle film on Ni foam: Rapid alternately dipping deposition for efficient overall water splitting (2016) <i>Nanotechnology</i> , 27 (12), art. no. 12LT01, . Cited 9 times.	3.44
849.	Yan, Y.-X., Yao, H.-B., Mao, L.-B., Asiri, A.M., Alamry, K.A., Marwani, H.M., Yu, S.-H. Micrometer-Thick Graphene Oxide-Layered Double Hydroxide Nacre-Inspired Coatings and Their Properties (2016) <i>Small</i> , 12 (6), pp. 745-755. Cited 6 times.	8.64
848.	Khan, A.A.P., Khan, A., Rahman, M.M., Asiri, A.M. Conventional surfactant-doped poly (o-anisidine)/GO nanocomposites for benzaldehyde chemical sensor development (2016) <i>Journal of Sol-Gel Science and Technology</i> , 77 (2), pp. 361-370. Cited 4 times.	1.575
847.	Khan, A., Khan, A.A.P., Rahman, M.M., Asiri, A.M. High performance polyaniline/vanadyl phosphate (PANI-VOPO₄) nano composite sheets prepared by exfoliation/intercalation method for sensing	3.531

	applications (2016) <i>European Polymer Journal</i> , 75, pp. 388-398. Cited 4 times.	
846.	Khan, A., Khan, A.A.P., Asiri, A.M., Abu-Zied, B.M. Green synthesis of thermally stable Ag-rGO-CNT nano composite with high sensing activity (2016) <i>Composites Part B: Engineering</i> , 86, pp. 27-35. Cited 5 times.	4.727
845.	Asiri, A.M., Khan, S.A., Basisi, H.M. Single X-ray crystal and spectroscopic investigation of novel biologically active donor-acceptor chalcones as specific application for opto-electronics and photonics (2016) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 59, pp. 457-464. Cited 1 time.	4.217
844.	Fang, W., Liu, D., Lu, Q., Sun, X., Asiri, A.M. Nickel promoted cobalt disulfide nanowire array supported on carbon cloth: An efficient and stable bifunctional electrocatalyst for full water splitting (2016) <i>Electrochemistry Communications</i> , 63, pp. 60-64. Cited 21 times.	4.396
843.	Liang, Y., Liu, Q., Luo, Y., Sun, X., He, Y., Asiri, A.M. Zn_{0.76}Co_{0.24}S/CoS₂ nanowires array for efficient electrochemical splitting of water (2016) <i>Electrochimica Acta</i> , 190, pp. 360-364. Cited 14 times.	4.798
842.	Asiri, A.M., Khan, A.A.P., Khan, A. A Mechanistic Studies of Mn(II) Catalyzed Oxidation of a Gabapentin by Peroxomonosulphate in Aqueous Alkaline Medium (2016) <i>Zeitschrift fur Physikalische Chemie</i> , 230 (1), pp. 51-65. Cited 1 time.	1.012
841.	Wang, J., Cui, W., Liu, Q., Xing, Z., Asiri, A.M., Sun, X. Recent Progress in Cobalt-Based Heterogeneous Catalysts for Electrochemical Water Splitting (2016) <i>Advanced Materials</i> , 28 (2), pp. 215-230. Cited 134 times.	19.79
840.	Ameen, S., Rub, M.A., Kosa, S.A., Alamry, K.A., Akhtar, M.S., Shin, H.-S., Seo, H.-K., Asiri, A.M., Nazeeruddin, M.K. Perovskite Solar Cells: Influence of Hole Transporting Materials on Power Conversion Efficiency (2016) <i>ChemSusChem</i> , 9 (1), pp. 10-27. Cited 33 times.	7.226
839.	Ashfaq, M., Arshad, M.N., Danish, M., Asiri, A.M., Khatoon, S., Mustafa, G., Zolotarev, P.N., Butt, R.A., Şahin, O. Synthesis and description of intermolecular interactions in new sulfonamide derivatives of tranexamic acid (2016) <i>Journal of Molecular Structure</i> , 1103, pp. 271-280. Cited 1 time.	1.753
838.	Khan, A.A.P., Khan, A., Asiri, A.M., Azum, N., Rub, M.A., Rahman, M.M., Khan, S.B. Mechanistic Investigation of Osmium(VIII) Catalyzed Oxidation of Glutamic Acid With Sodium Salt of N-Chloro 4-Methylbenzenesulfonamide in Aqueous Media: A Practical Approach (2016) <i>Synthesis and Reactivity in Inorganic, Metal-Organic and Nano-Metal Chemistry</i> , 46 (1), pp. 10-18. Cited 2 times.	0.489
837.	Khan, S.A., Khan, S.B., Asiri, A.M. Toward the design of Zn-Al and Zn-Cr LDH wrapped in activated carbon for the solar assisted de-coloration of organic dyes (2016) <i>RSC Advances</i> , 6 (86), pp. 83196-83208. Cited 2 times.	3.108
836.	Hussain, M.M., Rahman, M.M., Asiri, A.M., Awual, M.R. Non-enzymatic simultaneous detection of l-glutamic acid and uric acid using mesoporous Co₃O₄ nanosheets (2016) <i>RSC Advances</i> , 6 (84), pp. 80511-80521. Cited 3 times.	3.108
835.	Rahman, M.M., Hussain, M.M., Asiri, A.M. A novel approach towards hydrazine sensor development using SrO·CNT	3.108

	nanocomposites (2016) <i>RSC Advances</i> , 6 (70), pp. 65338-65348. Cited 3 times.	
834.	Balkhoyor, H.B., Rahman, M.M., Asiri, A.M. Effect of Ce doping into ZnO nanostructures to enhance the phenolic sensor performance (2016) <i>RSC Advances</i> , 6 (63), pp. 58236-58246.	3.108
833.	Albero, J., Asiri, A.M., García, H. Influence of the composition of hybrid perovskites on their performance in solar cells (2016) <i>Journal of Materials Chemistry A</i> , 4 (12), pp. 4353-4364. Cited 2 times.	8.867
832.	Khan, S.B., Ahmed, M.S., Asiri, A.M. Amperometric sensor for ascorbic acid using a gold electrode modified with ZnO@SiO₂ nanospheres (2016) <i>New Journal of Chemistry</i> , 40 (10), pp. 8438-8443.	3.269
831.	Khan, S.A., Asiri, A.M., Al-Thaqafy, S.H. Optical properties and fluorescence quenching of biologically active ethyl 4-(4-<i>N,N</i>-dimethylamino phenyl)-2-methyl-5-oxo-4,5-dihydro-1<i>H</i>-indeno[1,2-<i>b</i>]pyridine-3-carboxylate (DDPC) dye as a probe to determine CMC of surfactants (2016) <i>RSC Advances</i> , 6 (104), pp. 102218-102225.	3.108
830.	Asiri, A.M., Khan, S.A., Basisi, H.M. Single X-ray crystal and spectroscopic investigation of novel biologically active donor-acceptor chalcones as specific application for opto-electronics and photonics (2016) <i>Revista Mexicana de Urologia</i> , 76 (1), pp. 457-464.	x.xxxx
829.	Khan, A.A.P., Khan, A., Asiri, A.M. A mechanistic approach to the influence of surfactants on the oxidation of ethyl mercaptan and its dimer ethyl mercaptan disulfide by hexacyanoferrate(III) ions in aqueous medium (2016) <i>Tenside, Surfactants, Detergents</i> , 53 (1), pp. 87-93. Cited 1 time.	0.869
828.	Hussein, M.A., Abu-Zied, B.M., Asiri, A.M. The role of mixed graphene/carbon nanotubes on the coating performance of G/CNTs/epoxy resin nanocomposites (2016) <i>International Journal of Electrochemical Science</i> , 11 (9), pp. 7644-7659. Cited 1 time.	1.469
827.	Abu-Zied, B.M., Hussein, M.A., Asiri, A.M. Synthesis, characterization and electrical conductivity of nano-crystalline erbium sesquioxide by the precipitation method and subsequent calcination (2016) <i>International Journal of Electrochemical Science</i> , 11 (8), pp. 7182-7197.	1.469
826.	Luo, Q., Peng, M., Sun, X., Asiri, A.M. Hierarchical nickel oxide nanosheet@nanowire arrays on nickel foam: An efficient 3D electrode for methanol electro-oxidation (2016) <i>Catalysis Science and Technology</i> , 6 (4), pp. 1157-1161. Cited 7 times.	5.773
825.	Dhakshinamoorthy, A., Asiri, A.M., Garcia, H. Mixed-metal or mixed-linker metal organic frameworks as heterogeneous catalysts (2016) <i>Catalysis Science and Technology</i> , 6 (14), pp. 5238-5261. Cited 9 times.	5.773
824.	Sundara Raj, B.G., Wu, J.J., Asiri, A.M., Anandan, S. Hybrid SnO₂-Co₃O₄ nanocubes prepared via a CoSn(OH)₆ intermediate through a sonochemical route for energy storage applications (2016) <i>RSC Advances</i> , 6 (40), pp. 33361-33368. Cited 2 times.	3.108
823.	Marwani, H.M., Alsafrani, A.E., Asiri, A.M., Rahman, M.M. Silica-gel particles loaded with an ionic liquid for separation of Zr(IV) prior to its determination by ICP-OES (2016) <i>Sensors (Switzerland)</i> , 16 (7), art. no. 1001, .	2.964
822.	Tang, C., Asiri, A.M., Sun, X. Highly-active oxygen evolution electrocatalyzed by a Fe-doped NiSe nanoflake	6.319

	array electrode (2016) <i>Chemical Communications</i> , 52 (24), pp. 4529-4532. Cited 11 times.	
821.	Liu, T., Wang, K., Du, G., Asiri, A.M., Sun, X. Self-supported CoP nanosheet arrays: A non-precious metal catalyst for efficient hydrogen generation from alkaline NaBH₄ solution (2016) <i>Journal of Materials Chemistry A</i> , 4 (34), pp. 13053-13057. Cited 1 time.	8.867
820.	Raut, D., Kiran, M.S.R.N., Mishra, M.K., Asiri, A.M., Ramamurty, U. On the loading rate sensitivity of plastic deformation in molecular crystals (2016) <i>CrystEngComm</i> , 18 (20), pp. 3551-3555. Cited 2 times.	3.474
819.	Rahman, M.M., Ahmed, J., Asiri, A.M., Siddiquey, I.A., Hasnat, M.A. Development of highly-sensitive hydrazine sensor based on facile CoS₂-CNT nanocomposites (2016) <i>RSC Advances</i> , 6 (93), pp. 90470-90479. Cited 1 time.	3.108
818.	Xie, L., Wang, K., Du, G., Asiri, A.M., Sun, X. 3D hierarchical CuO/Co₃O₄ core-shell nanowire array on copper foam for on-demand hydrogen generation from alkaline NaBH₄ solution (2016) <i>RSC Advances</i> , 6 (91), pp. 88846-88850.	3.108
817.	Rahman, M.M., Abu-Zied, B.M., Hasan, M.M., Asiri, A.M., Hasnat, M.A. Fabrication of a selective 4-amino phenol sensor based on H-ZSM-5 zeolites deposited silver electrodes (2016) <i>RSC Advances</i> , 6 (54), pp. 48435-48444. Cited 3 times.	3.108
816.	Azum, N., Khan, S.B., Rub, M.A., Asiri, A.M., Alamry, K.A. Kinetic behavior of cobalt nanoparticles facilitated by cationic surfactant (2016) <i>Chemical Engineering Communications</i> , 203 (4), pp. 446-451.	1.297
815.	Naveenraj, S., Mangalaraja, R.V., Wu, J.J., Asiri, A.M., Anandan, S. Insights into the binding of photothermal therapeutic agent bismuth sulfide nanorods with human serum albumin (2016) <i>RSC Advances</i> , 6 (20), pp. 16215-16222. Cited 4 times.	3.108
814.	Hasnat, M.A., Safwan, J.A., Rashed, M.A., Rahman, Z., Rahman, M.M., Nagao, Y., Asiri, A.M. Inverse effects of supporting electrolytes on the electrocatalytic nitrate reduction activities in a PtNafionPt-Cu-type reactor assembly (2016) <i>RSC Advances</i> , 6 (14), pp. 11609-11617. Cited 1 time.	3.108
813.	Zhu, W., Tang, C., Liu, D., Wang, J., Asiri, A.M., Sun, X. A self-standing nanoporous MoP₂ nanosheet array: An advanced pH-universal catalytic electrode for the hydrogen evolution reaction (2016) <i>Journal of Materials Chemistry A</i> , 4 (19), pp. 7169-7173. Cited 15 times.	8.867
812.	Cao, X., Wang, K., Du, G., Asiri, A.M., Ma, Y., Lu, Q., Sun, X. One-step electrodeposition of a nickel cobalt sulfide nanosheet film as a highly sensitive nonenzymatic glucose sensor (2016) <i>Journal of Materials Chemistry B</i> , 4 (47), pp. 7540-7544. Cited 1 time.	4.543
811.	Al-Zahrani, F.A., Arshad, M.N., Asiri, A.M., Mahmood, T., Gilani, M.A., El-shishtawy, R.M. Synthesis and structural properties of 2-((10-alkyl-10H-phenothiazin-3-yl)methylene)malononitrile derivatives; a combined experimental and theoretical insight (2016) <i>Chemistry Central Journal</i> , 10 (1), art. no. 13, . Cited 2 times.	2.442
810.	Wang, Z., Cao, X., Liu, D., Hao, S., Du, G., Asiri, A.M., Sun, X. Ternary NiCoP nanosheet array on a Ti mesh: a high-performance electrochemical sensor for glucose detection (2016) <i>Chemical Communications</i> , 52 (100), pp. 14438-14441. Cited 5 times.	6.319
809.	Azum, N., Alamry, K.A., Khan, S.B., Rub, M.A., Asiri, A.M., Anwar, Y. Synergistic interaction between anionic and nonionic surfactant: Application of the mixed micelles templates for the synthesis of silver nanoparticles (2016) <i>International Journal of Electrochemical Science</i> , 11 (3), pp. 1852-1867.	1.469

808.	El-Shishtawy, R.M., Al-Zahrani, F.A.M., Afzal, S.M., Razvi, M.A.N., Al-Amshany, Z.M., Bakry, A.H., Asiri, A.M. Synthesis, linear and nonlinear optical properties of a new dimethine cyanine dye derived from phenothiazine (2016) <i>RSC Advances</i> , 6 (94), pp. 91546-91556.	3.108
807.	Tang, C., Xie, L., Wang, K., Du, G., Asiri, A.M., Luo, Y., Sun, X. A Ni₂P nanosheet array integrated on 3D Ni foam: An efficient, robust and reusable monolithic catalyst for the hydrolytic dehydrogenation of ammonia borane toward on-demand hydrogen generation (2016) <i>Journal of Materials Chemistry A</i> , 4 (32), pp. 12407-12410. Cited 4 times.	8.867
806.	El-Shahawi, M.S., Omirah, T.A., Asiri, A.M., Alsibaai, A.A., Bashammakh, A.S., Al-Najjar, H.R. Redox behavior, chromatographic and spectroscopic characterization of some reactive π-conjugated 4'-tricyanovinylhydrazone dyes (2016) <i>RSC Advances</i> , 6 (7), pp. 5296-5304.	3.108
805.	Khan, S.B., Khan, S.A., Marwani, H.M., Bakhsh, E.M., Anwar, Y., Kamal, T., Asiri, A.M., Akhtar, K. Anti-bacterial PES-cellulose composite spheres: Dual character toward extraction and catalytic reduction of nitrophenol (2016) <i>RSC Advances</i> , 6 (111), pp. 110077-110090. Cited 1 time.	3.108
804.	Zhou, D., He, L., Zhu, W., Hou, X., Wang, K., Du, G., Zheng, C., Sun, X., Asiri, A.M. Interconnected urchin-like cobalt phosphide microspheres film for highly efficient electrochemical hydrogen evolution in both acidic and basic media (2016) <i>Journal of Materials Chemistry A</i> , 4 (26), pp. 10114-10117. Cited 17 times.	8.867
803.	Paek, S., Zimmermann, I., Gao, P., Gratia, P., Rakstys, K., Grancini, G., Nazeeruddin, M.K., Rub, M.A., Kosa, S.A., Alamry, K.A., Asiri, A.M. Donor-π-donor type hole transporting materials: Marked π-bridge effects on optoelectronic properties, solid-state structure, and perovskite solar cell efficiency (2016) <i>Chemical Science</i> , 7 (9), pp. 6068-6075. Cited 4 times.	8.668
802.	Asif, S.A.B., Khan, S.B., Asiri, A.M. Visible light functioning photocatalyst based on Al₂O₃ doped Mn₃O₄ nanomaterial for the degradation of organic toxin (2015) <i>Nanoscale Research Letters</i> , 10 (1), art. no. 355, 10 p.	2.833
801.	Yordanova, S., Temiz, H.T., Boyaci, I.H., Stoyanov, S., Vasileva-Tonkova, E., Asiri, A., Grabchev, I. Synthesis, characterization and in vitro antimicrobial activity of a new blue fluorescent Cu(II) metal complex of bis-1,8-naphthalimide (2015) <i>Journal of Molecular Structure</i> , 1101, art. no. 21744, pp. 50-56.	1.753
800.	Liu, T., Liang, Y., Liu, Q., Sun, X., He, Y., Asiri, A.M. Electrodeposition of cobalt-sulfide nanosheets film as an efficient electrocatalyst for oxygen evolution reaction (2015) <i>Electrochemistry Communications</i> , 60, pp. 92-96.	4.396
799.	Kamal, T., Ul-Islam, M., Khan, S.B., Asiri, A.M. Adsorption and photocatalyst assisted dye removal and bactericidal performance of ZnO/chitosan coating layer (2015) <i>International Journal of Biological Macromolecules</i> , 81, art. no. 5328, pp. 584-590.	3.671
798.	Asiri, A.M., Alamry, K.A., Pannipara, M., Al-Sehemi, A.G., El-Daly, S.A. Spectroscopic investigation, photophysical parameters and DFT calculations of 4,4'-(1E,1'E)-2,2'-(pyrazine-2,5-diyl)bis(ethene-2,1-diyl)bis(N,N-dimethylaniline) (PENDA) in different solvents (2015) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 149, pp. 722-730.	2.536
797.	Khan, S.A., Obaid, A.Y., Al-Harbi, L.M., Arshad, M.N., Şahin, O., Ersanli, C.C., Abdel-Rehman, R.M., Asiri, A.M., Hursthouse, M.B.	1.753

	Synthesis, spectroscopic (UV-vis and GIAO NMR), crystallographic and theoretical studies of triazine heterocyclic derivatives (2015) <i>Journal of Molecular Structure</i> , 1096, art. no. 21490, pp. 29-37.	
796.	Apostolova, N., Rovira-Llopis, S., Baldoví, H.G., Navalón, S., Asiri, A.M., Victor, V.M., Garcia, H., Herance, J.R. Ceria nanoparticles with rhodamine B as a powerful theranostic agent against intracellular oxidative stress (2015) <i>RSC Advances</i> , 5 (97), pp. 79423-79432.	3.108
795.	Khan, A.A.P., Khan, A., Rahman, M.M., Asiri, A.M. Conventional surfactant-doped poly (o-anisidine)/GO nanocomposites for benzaldehyde chemical sensor development (2015) <i>Journal of Sol-Gel Science and Technology</i> , 10 p. Article in Press.	1.575
794.	Khan, S.A., Asiri, A.M., Basisi, H.M., Arshad, M.N., Sharma, K. Microwave Assisted Synthesis, Physicochemical, Photophysical, Single Crystal X-ray and DFT Studies of Novel Push–Pull Chromophores (2015) <i>Journal of Fluorescence</i> , 9 p. Article in Press.	1.461
793.	Arshad, M.N., Rahman, M.M., Asiri, A.M., Sobahi, T.R., Yu, S.-H. Development of Hg²⁺ sensor based on N'-[1-(pyridin-2-yl)ethylidene]benzenesulfono-hydrazide (PEBSH) fabricated silver electrode for environmental remediation (2015) <i>RSC Advances</i> , 5 (99), pp. 81275-81281.	3.108
792.	Tian, J., Liu, Q., Shi, J., Hu, J., Asiri, A.M., Sun, X., He, Y. Rapid, sensitive, and selective fluorescent DNA detection using iron-based metal-organic framework nanorods: Synergies of the metal center and organic linker (2015) <i>Biosensors and Bioelectronics</i> , 71, pp. 1-6. Cited 2 times.	7.780
791.	Khan, S.A., Asiri, A.M. Physicochemical and Critical Micelle Concentration (CMC) of Cationic (CATB) and Anionic (SDS) Surfactants with Environmentally Benign Blue Emitting TTQC Dye (2015) <i>Journal of Fluorescence</i> , 5 p. Article in Press.	1.461
790.	Zhu, W.-K., Cong, H.-P., Yao, H.-B., Mao, L.-B., Asiri, A.M., Alamry, K.A., Marwani, H.M., Yu, S.-H. Bioinspired, Ultrastrong, Highly Biocompatible, and Bioactive Natural Polymer/Graphene Oxide Nanocomposite Films (2015) <i>Small</i> , 11 (34), pp. 4298-4302.	9.034
789.	Asiri, A.M., Khan, S.A., Al-Thaqafya, S.H. One-pot synthesis, spectroscopic and physicochemical studies of quinoline based blue emitting donor - Acceptor chromophores with their biological application (2015) <i>Journal of Fluorescence</i> , 25 (5), pp. 1203-1213.	1.461
788.	El-Daly, S.A., Asiri, A.M., Alamry, K.A., Osman, O.I. Synthesis, optical properties, laser activity and DFT studies of (E,E)-2,5-bis[2-(1-methyl-1H-pyrrole-2-yl)-vinyl]pyrazine (BMPVP) (2015) <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 312, art. no. 9960, pp. 64-72.	2.625
787.	Rahman, M.M., Khan, A., Asiri, A.M. Chemical sensor development based on poly(o-anisidine)silverized-MWCNT nanocomposites deposited on glassy carbon electrodes for environmental remediation (2015) <i>RSC Advances</i> , 5 (87), pp. 71370-71378.	3.108
786.	Xing, Z., Wang, L., Sun, X., He, Y., Asiri, A.M. Nanoporous molybdenum carbide nanowires: A novel sensing platform for DNA detection (2015) <i>Journal of Materials Chemistry B</i> , 3 (36), pp. 7173-7176.	4.543

785.	Abu-Zied, B.M., Schwieger, W., Asiri, A.M. Effect of ball milling on the structural and textural features of MCM-41 mesoporous material (2015) <i>Microporous and Mesoporous Materials</i> , 218, pp. 153-159.	3.615
784.	Khan, A., Khan, A.A.P., Asiri, A.M., Al-Sehemi, A.G., Marwani, H.M. Sol-gel synthesis of poly(o-toluidine)@Sn(II)silicate/CNT composites for ion selective membrane electrodes (2015) <i>Journal of Molecular Liquids</i> , 208, pp. 71-77.	3.648
783.	Khan, F., Kumar, D., Azum, N., Rub, M.A., Asiri, A.M. Effect of salt and urea on complexation behavior of pharmaceutical excipient gelatin with phenothiazine drug promazine hydrochloride (2015) <i>Journal of Molecular Liquids</i> , 208, pp. 84-91. Cited 1 time.	3.648
782.	Rahman, M.M., Asiri, A.M. One-step electrochemical detection of cholesterol in the presence of suitable $K_3Fe(CN)_6$/phosphate buffer mediator by an electrochemical approach (2015) <i>Talanta</i> , 140, art. no. 15462, pp. 96-101. Cited 1 time.	4.162
781.	Rahman, M.M., Asiri, A.M. Development of selective and sensitive bicarbonate chemical sensor based on wet-chemically prepared CuO-ZnO nanorods (2015) <i>Sensors and Actuators, B: Chemical</i> , 214, art. no. 18177, pp. 82-91. Cited 2 times.	5.401
780.	Asiri, A.M., Ahmed, S.A., El-Daly, S.A., Hussein, M.A., Al-Soliemy, A.M., Osman, O.I., Shaaban, M.R., Althagafi, I.I. Synthesis, spectral characteristics and DFT studies of the new dye 2,7-diacetyl-9-((dimethylamino)methylene)-9H-fluorene (DMMF) in different solvents (2015) <i>Journal of Fluorescence</i> , 25 (5), pp. 1303-1314.	1.461
779.	Pavithra, N., Asiri, A.M., Anandan, S. Fabrication of dye sensitized solar cell using gel polymer electrolytes consisting poly(ethylene oxide)-acetamide composite (2015) <i>Journal of Power Sources</i> , 286, pp. 346-353.	6.395
778.	El-Daly, S.A., Rahman, M.M., Alamry, K.A., Asiri, A.M. Fluorescence Quenching of Perylene DBPI Dye by Colloidal Low-Dimensional Gold Nanoparticles (2015) <i>Journal of Fluorescence</i> , 25 (4), pp. 973-978. Cited 1 time.	1.461
777.	Khan, S.A., Asiri, A.M., Basisi, H.M. Synthesis, Single X-ray Crystal, Spectroscopic and Photophysical Studies of Novel Heterocyclic Chalcones with Their Biological Application (2015) <i>Journal of Fluorescence</i> , 25 (4), pp. 825-834.	1.461
776.	Gnana Sundara Raj, B., Asiri, A.M., Wu, J.J., Anandan, S. Synthesis of Mn₃O₄ nanoparticles via chemical precipitation approach for supercapacitor application (2015) <i>Journal of Alloys and Compounds</i> , 636, pp. 234-240. Cited 2 times.	3.133
775.	Khan, S.A., Khan, S.B., Asiri, A.M. Core-shell cobalt oxide mesoporous silica based efficient electro-catalyst for oxygen evolution (2015) <i>New Journal of Chemistry</i> , 39 (7), pp. 5561-5569.	3.269
774.	Khan, A., Asiri, A.M., Kosa, S.A., Garcia, H., Grirrane, A. Catalytic stereoselective addition to alkynes. Borylation or silylation promoted by magnesia-supported iron oxide and cis-diboronation or silaboration by supported platinum nanoparticles (2015) <i>Journal of Catalysis</i> , 329, art. no. 11756, pp. 401-412.	6.844
773.	Khan, S.B., Karimov, K.S., Chani, M.T.S., Asiri, A.M., Akhtar, K., Fatima, N. Impedimetric sensing of humidity and temperature using CeO₂-Co₃O₄ nanoparticles in polymer hosts (2015) <i>Microchimica Acta</i> , 182 (11-12), pp. 2019-2026.	4.580

772.	Pu, Z., Liu, Q., Asiri, A.M., Luo, Y., Sun, X., He, Y. 3D macroporous MoS₂ thin film: In situ hydrothermal preparation and application as a highly active hydrogen evolution electrocatalyst at all pH values (2015) <i>Electrochimica Acta</i> , 168, pp. 133-138. Cited 2 times.	4.798
771.	Asiri, A.M., El-Daly, S.A., Alamry, K.A., Arshad, M.N., Pannipara, M. Photoinduced intramolecular charge transfer and photophysical characteristics of (2Z)-3-[4-(dimethylamino) phenyl]-2-(2-methylphenyl) prop-2-ene-nitrile (DPM) in different media (2015) <i>Journal of Molecular Structure</i> , 1098, pp. 153-160.	1.753
770.	Reddy, G.S., Ramkumar, S., Asiri, A.M., Anandan, S. Bi-anchoring organic sensitizers of type D-(π-A)₂ comprising thiophene-2-acetonitrile as π-spacer and malonic acid as electron acceptor for dye sensitized solar cell applications (2015) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 145, pp. 531-539. Cited 1 time.	2.536
769.	Xing, Z., Liu, Q., Xing, W., Asiri, A.M., Sun, X. Interconnected Co-entrapped, N-doped carbon nanotube film as active hydrogen evolution cathode over the whole PH range (2015) <i>ChemSusChem</i> , 8 (11), pp. 1850-1855. Cited 1 time.	7.226
768.	Abu-Zied, B.M., Mohamed, A.-R.N., Asiri, A.M. Effect of thermal treatment on the formation, textural and electrical conductivity properties of nanocrystalline Tb₄O₇ (2015) <i>Journal of Nanoscience and Nanotechnology</i> , 15 (6), pp. 4487-4492.	1.483
767.	Rub, M.A., Azum, N., Khan, F., Al-Sehemi, A.G., Asiri, A.M. Micellization behavior of mixtures of amphiphilic promazine hydrochloride and cationic aniline hydrochloride in aqueous and electrolyte solutions (2015) <i>Korean Journal of Chemical Engineering</i> , 32 (10), pp. 2142-2152. Cited 1 time.	2.007
766.	Bryaskova, R., Georgiev, N.I., Dimov, S.M., Tzoneva, R., Detrembleur, C., Asiri, A.M., Alamry, K.A., Bojinov, V.B. Novel nanosized water soluble fluorescent micelles with embedded perylene diimide fluorophores for potential biomedical applications: Cell permeability, localization and cytotoxicity (2015) <i>Materials Science and Engineering C</i> , 51, pp. 7-15. Cited 1 time.	4.164
765.	Rahman, M.M., Marwani, H.M., Asiri, A.M., Danish, E.Y. Detection of bisphenol A based on conducting binder supported hydrophobic 1,10-Phenanthroline ionic liquid onto flat silver electrode by electrochemical approaches (2015) <i>Sensing and Bio-Sensing Research</i> , 4, pp. 70-77. Cited 2 times.	---
764.	Rahman, M.M., Asiri, A.M. Development of ionic-sensor based on sono-chemically prepared low-dimensional β-Fe₂O₃ nanoparticles onto flat-gold electrodes by an electrochemical approach (2015) <i>Sensing and Bio-Sensing Research</i> , 4, pp. 109-117.	---
763.	Al-Muhanna, M.K., Rub, M.A., Azum, N., Khan, S.B., Asiri, A.M. Effect of gelatin on micellization and microstructural behavior of amphiphilic amitriptyline hydrochloride drug solution: A detailed study (2015) <i>Journal of Chemical Thermodynamics</i> , 89, pp. 112-122.	2.726
762.	El-Shishtawy, R.M., Mohamed, S.A., Asiri, A.M., Gomaa, A.M., Ibrahim, I.H., Al-Talhi, H.A. Saccharification and hydrolytic enzyme production of alkali pre-treated wheat bran by <i>Trichoderma virens</i> under solid state fermentation (2015) <i>BMC Biotechnology</i> , . Article in Press.	2.415
761.	Tian, J., Liu, Q., Asiri, A.M., Sun, X., He, Y. Ultrathin graphitic C₃N₄ nanofibers: Hydrolysis-driven	5.401

	top-down rapid synthesis and application as a novel fluorosensor for rapid, sensitive, and selective detection of Fe³⁺ (2015) <i>Sensors and Actuators, B: Chemical</i> , 216, pp. 453-460.	
760.	Anandan, S., Manivel, A., Asiri, A.M., Wu, J.J. Electropolymerization of cobalto(5,10,15-tris(4-aminophenyl)-20-phenylporphyrin) for electrochemical detection of antioxidant-antipyrine (2015) <i>Journal of Porphyrins and Phthalocyanines</i> , 19 (5), pp. 719-725.	1.043
759.	Mohamed, R.M., Mishra, M.K., Al-Harbi, L.M., Al-Ghamdi, M.S., Asiri, A.M., Reddy, C.M., Ramamurty, U. Temperature dependence of mechanical properties in molecular crystals (2015) <i>Crystal Growth and Design</i> , 15 (5), pp. 2474-2479. Cited 1 time.	4.055
758.	Dhakshinamoorthy, A., Latorre-Sanchez, M., Asiri, A.M., Primo, A., Garcia, H. Sulphur-doped graphene as metal-free carbocatalysts for the solventless aerobic oxidation of styrenes (2015) <i>Catalysis Communications</i> , 65, pp. 10-13.	3.330
757.	Arshad, M.N., Asiri, A.M., Alamry, K.A., Mahmood, T., Gilani, M.A., Ayub, K., Birinji, A.S. Synthesis, crystal structure, spectroscopic and density functional theory (DFT) study of N-[3-anthracen-9-yl-1-(4-bromo-phenyl)-allylidene]-N-benzenesulfonohydrazine (2015) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 142, pp. 364-374. Cited 1 time.	2.536
756.	Cinar, M., Karabacak, M., Chand, S., Shukla, V.K., Sinha, L., Prasad, O., Singh, M.P., Asiri, A.M. Conformational and spectroscopic behaviors of 2,4-xylyl isothiocyanate (2015) <i>Journal of Molecular Structure</i> , 1087, pp. 113-120. Cited 1 time.	1.753
755.	Asiri, A.M., Khan, S.A., Al-Thaqafy, S.H., Sharma, K. One pot synthesis, photophysical and X-ray studies of novel highly fluorescent isoquinoline derivatives with higher antibacterial efficacy based on the in-vitro and density functional theory (2015) <i>Journal of Fluorescence</i> , 25 (3), pp. 503-518.	1.461
754.	Latif-ur-Rahman, Shah, A., Khan, S.B., Asiri, A.M., Hussain, H., Han, C., Qureshi, R., Ashiq, M.N., Zia, M.A., Ishaq, M., Kraatz, H.-B. Synthesis, characterization, and application of Au-Ag alloy nanoparticles for the sensing of an environmental toxin, pyrene (2015) <i>Journal of Applied Electrochemistry</i> , 45 (5), pp. 463-472. Cited 2 times.	2.235
753.	Cheng, N., Xue, Y., Liu, Q., Tian, J., Zhang, L., Asiri, A.M., Sun, X. Cu/(Cu(OH)₂-CuO) core/shell nanorods array: In-situ growth and application as an efficient 3D oxygen evolution anode (2015) <i>Electrochimica Acta</i> , 163, pp. 102-106. Cited 3 times.	4.798
752.	Karabacak, M., Sinha, L., Prasad, O., Bilgili, S., Sachan, A.K., Asiri, A.M., Atac, A. Spectral investigation and theoretical study of zwitterionic and neutral forms of quinolinic acid (2015) <i>Journal of Molecular Structure</i> , 1095, pp. 100-111.	1.753
751.	Alexandrov, E.V., Shevchenko, A.P., Asiri, A.A., Blatov, V.A. New knowledge and tools for crystal design: Local coordination versus overall network topology and much more (2015) <i>CrystEngComm</i> , 17 (15), pp. 2913-2924. Cited 1 time.	3.474
750.	Arshad, M.N., Bibi, A., Mahmood, T., Asiri, A.M., Ayub, K. Synthesis, crystal structures and spectroscopic properties of triazine-based hydrazone derivatives; a comparative experimental-theoretical study (2015) <i>Molecules</i> , 20 (4), pp. 5851-5874.	2.861
749.	Razvi, M.A.N., Bakry, A.H., Afzal, S.M., Khan, S.A., Asiri, A.M. Synthesis, characterization and determination of third-order optical nonlinearity by cw z-scan technique of novel thiobarbituric acid derivative dyes (2015) <i>Materials Letters</i> , 144, pp. 131-134. Cited 1 time.	2.572

748.	Mamun, M.R.A., Karim, M.R., Rahman, M.M., Asiri, A.M., Torii, S. Methane enrichment of biogas by carbon dioxide fixation with calcium hydroxide and activated carbon (2015) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , . Article in Press.	4.217
747.	Cinar, M., Karabacak, M., Asiri, A.M. An experimental and density functional study on conformational and spectroscopic analysis of 5-methoxyindole-2-carboxylic acid (2014) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 137, pp. 670-676.	2.536
746.	Lv, Y., Fang, Y., Wu, Z., Qian, X., Song, Y., Che, R., Asiri, A.M., Xia, Y., Tu, B., Zhao, D. In-situ confined growth of monodisperse Pt Nanoparticle@Graphene nanobox composites as electrocatalytic nanoreactors (2015) <i>Small</i> , 11 (8), pp. 1003-1010. Cited 5 times.	8.64
745.	Khan, S.A., Razvi, M.A.N., Bakry, A.H., Afzal, S.M., Asiri, A.M., El-Daly, S.A. Microwave assisted synthesis, spectroscopic studies and non linear optical properties of bis-chromophores (2014) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 137, pp. 1100-1105. Cited 3 times.	2.536
744.	Raj, B.G.S., Ramprasad, R.N.R., Asiri, A.M., Wu, J.J., Anandan, S. Ultrasound assisted synthesis of Mn₃O₄ nanoparticles anchored graphene nanosheets for supercapacitor applications (2015) <i>Electrochimica Acta</i> , 156, pp. 127-137. Cited 4 times.	4.798
743.	Staneva, D., Vasileva-Tonkova, E., Makki, M.S.I., Sobahi, T.R., Abdel-Rahman, R.M., Boyaci, I.H., Asiri, A.M., Grabchev, I. Synthesis and spectral characterization of a new PPA dendrimer modified with 4-bromo-1,8-naphthalimide and in vitro antimicrobial activity of its Cu(II) and Zn(II) metal complexes (2015) <i>Tetrahedron</i> , 71 (7), pp. 1080-1087. Cited 3 times.	2.651
742.	Borodina, E., Meirer, F., Lezcano-González, I., Mokhtar, M., Asiri, A.M., Al-Thabaiti, S.A., Basahel, S.N., Ruiz-Martinez, J., Weckhuysen, B.M. Influence of the reaction temperature on the nature of the active and deactivating species during methanol to olefins conversion over H-SZ-13 (2015) <i>ACS Catalysis</i> , 5 (2), pp. 992-1003. Cited 2 times.	10.614
741.	Karabacak, M., Kose, E., Sas, E.B., Kurt, M., Asiri, A.M., Atac, A. DFT calculations and experimental FT-IR, FT-Raman, NMR, UV-Vis spectral studies of 3-fluorophenylboronic acid (2015) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 136 (PB), pp. 306-320. Cited 2 times.	2.536
740.	Srivastava, R., Sinha, L., Karabacak, M., Prasad, O., Pathak, S.K., Asiri, A.M., Cinar, M. Spectral features, electric properties, NBO analysis and reactivity descriptors of 2-(2-Benzothiazolylthio)-Ethanol: Combined experimental and DFT studies (2015) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 136 (PC), pp. 1205-1215.	2.536
739.	Pannipara, M., Asiri, A.M., Alamry, K.A., Arshad, M.N., El-Daly, S.A. Synthesis, spectral behaviour and photophysics of donor-acceptor kind of chalcones: Excited state intramolecular charge transfer and fluorescence quenching studies (2015) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 136 (PC), pp. 1893-1902. Cited 2 times.	2.536
738.	Khan, A., Khan, A.A.P., Asiri, A.M., Rahman, M.M., Alhogbi, B.G. Preparation and properties of novel sol-gel-derived quaternized poly(n-methyl pyrrole)/Sn(II)SiO₃/CNT composites (2015) <i>Journal of Solid State Electrochemistry</i> , 11 p. Article in Press.	2.316

737.	Shi, J., Pu, Z., Liu, Q., Asiri, A.M., Hu, J., Sun, X. Tungsten nitride nanorods array grown on carbon cloth as an efficient hydrogen evolution cathode at all pH values (2015) <i>Electrochimica Acta</i> , 154, pp. 379-386.	4.798
736.	Cheng, N., Liu, Q., Tian, J., Xue, Y., Asiri, A.M., Jiang, H., He, Y., Sun, X. Acidically oxidized carbon cloth: A novel metal-free oxygen evolution electrode with high catalytic activity (2015) <i>Chemical Communications</i> , 51 (9), pp. 1616-1619. Cited 3 times.	6.319
735.	Pathak, S.K., Srivastava, R., Sachan, A.K., Prasad, O., Sinha, L., Asiri, A.M., Karabacak, M. Experimental (FT-IR, FT-Raman, UV and NMR) and quantum chemical studies on molecular structure, spectroscopic analysis, NLO, NBO and reactivity descriptors of 3,5-Difluoroaniline (2015) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 135, pp. 283-295. Cited 3 times.	2.536
734.	Garza, A.J., Osman, O.I., Asiri, A.M., Scuseria, G.E. Can gap tuning schemes of long-range corrected hybrid functionals improve the description of hyperpolarizabilities? (2015) <i>Journal of Physical Chemistry B</i> , 119 (3), pp. 1202-1212. Cited 4 times.	3.177
733.	Liang, Y., Liu, Q., Asiri, A.M., Sun, X. Enhanced electrooxidation of urea using NiMoO₄·xH₂O nanosheet arrays on Ni foam as anode (2015) <i>Electrochimica Acta</i> , 153, pp. 456-460. Cited 1 time.	4.798
732.	Tang, C., Pu, Z., Liu, Q., Asiri, A.M., Sun, X. NiS₂ nanosheets array grown on carbon cloth as an efficient 3D hydrogen evolution cathode (2015) <i>Electrochimica Acta</i> , 153, pp. 508-514. Cited 11 times.	4.798
731.	Arshad, M.N., Siddiqui, W.A., Khan, I.U., Asiri, A.M. Ligand free Pd catalyzed cyclization-influence of steric hindrance (2015) <i>Journal of the Chilean Chemical Society</i> , 59 (4), pp. 2697-2700. Cited 2 times.	---
730.	Primo, A., Navalón, S., Asiri, A.M., García, H. Chitosan-templated synthesis of few-layers boron nitride and its unforeseen activity as a Fenton catalyst (2015) <i>Chemistry - A European Journal</i> , 21 (1), pp. 324-330. Cited 2 times.	5.317
729.	Xing, Z., Liu, Q., Asiri, A.M., Sun, X. High-Efficiency Electrochemical Hydrogen Evolution Catalyzed by Tungsten Phosphide Submicroparticles (2015) <i>ACS Catalysis</i> , 5 (1), pp. 145-149. Cited 12 times.	10.614
728.	Pannipara, M., Asiri, A.M., Alamry, K.A., Salem, I.A., El-Daly, S.A. Structural and photophysical properties of (2E)-3-[4-(Dimethylamino) Phenyl]-1-(Naphthalen-1-yl) Prop-2-en-1-One (DPNP) in different media (2015) <i>Journal of Fluorescence</i> , 25 (1), pp. 103-112. Cited 1 time.	1.461
727.	Abu-Zied, B.M., Hussein, M.A., Asiri, A.M. The role of eliminating PEG from PEG/MCM-41 composite on the structural, textural and electrical conductivity properties of MCM-41 (2015) <i>International Journal of Electrochemical Science</i> , 10 (2), pp. 1372-1383. Cited 1 time.	1.469
726.	Asiri, A.M., Hussein, M.A., Abu-Zied, B.M., Hermas, A.-E.A. Enhanced coating properties of Ni-La-ferrites/epoxy resin nanocomposites (2015) <i>Polymer Composites</i> , 36 (10), pp. 1875-1883.	2.324
725.	Akhtar, K., Marwani, H.M., Seo, J., Bakhsh, E.M., Kim, D., Asiri, A.M., Khan, S.B. Development of PU-TZnO solid-phase extractor for selective detection of mercury in complex matrices (2015) <i>Polymer Composites</i> , . Article in Press.	2.324

724.	Baldovi, H.G., Valencia, S., Alvaro, M., Asiri, A.M., Garcia, H. Highly fluorescent C-dots obtained by pyrolysis of quaternary ammonium ions trapped in all-silica ITQ-29 zeolite (2015) <i>Nanoscale</i> , 7 (5), pp. 1744-1752. Cited 1 time.	7.367
723.	Rub, M.A., Azum, N., Khan, S.B., Khan, F., Asiri, A.M. Physicochemical Properties of Amphiphilic Drug and Anionic Surfactant Mixtures: Experimental and Theoretical Approach (2015) <i>Journal of Dispersion Science and Technology</i> , 36 (4), pp. 521-531. Cited 5 times.	1.591
722.	Staneva, D., Vasileva-Tonkova, E., Makki, M.S.I., Sobahi, T.R., Abdel-Rahman, R.M., Asiri, A.M., Grabchev, I. Synthesis, photophysical and antimicrobial activity of new water soluble ammonium quaternary benzanthrone in solution and in polylactide film (2015) <i>Journal of Photochemistry and Photobiology B: Biology</i> , 143, pp. 44-51.	2.673
721.	Hasnat, M.A., Ben Aoun, S., Rahman, M.M., Asiri, A.M., Mohamed, N. Lean Cu-immobilized Pt and Pd films/-H+ Conducting Membrane Assemblies: Relative Electrocatalytic Nitrate Reduction Activities (2015) <i>Journal of Industrial and Engineering Chemistry</i> , 28, pp. 131-137.	4.421
720.	Khan, A.A.P., Mohd, A., Bano, S., Siddiqi, K.S., Asiri, A.M. Spectrophotometric methods for the determination of ampicillin by potassium permanganate and 1-chloro-2,4-dinitrobenzene in pharmaceutical preparations (2015) <i>Arabian Journal of Chemistry</i> , 8 (2), pp. 255-263.	4.553
719.	Asiri, A.M., Al-Horaibi, S.A.H., Irfan, A., Basaif, S.A., El-Shishtawy, R.M. Cis/trans geometric effect on the electro-optical properties and electron injection in indole-based squaraine sensitizers: Quantum chemical investigations (2015) <i>International Journal of Electrochemical Science</i> , 10 (2), pp. 1529-1542.	1.469
718.	Asiri, A.M., Al-Horaibi, S.A.H., Irfan, A., Basaif, S.A., El-Shishtawy, R.M. Comparative study of the structural, electronic and charge transport properties of benzothiazole- and indole-based squaraine sensitizers (2015) <i>International Journal of Electrochemical Science</i> , 10 (2), pp. 1822-1832.	1.469
717.	Latif-Ur-Rahman, Shah, A., Qureshi, R., Khan, S.B., Asiri, A.M., Shah, A.-U.-H.A., Ishaq, M., Khan, M.S., Lunsford, S.K., Zia, M.A. Spectroscopic analysis of Au-Cu alloy nanoparticles of various compositions synthesized by a chemical reduction method (2015) <i>Advances in Materials Science and Engineering</i> , 2015, art. no. 638629, .	---
716.	Baldovi, H.G., Neațu, S., Khan, A., Asiri, A.M., Kosa, S.A., Garcia, H. Understanding the origin of the photocatalytic CO₂ reduction by Au- and Cu-loaded TiO₂: A microsecond transient absorption spectroscopy study (2015) <i>Journal of Physical Chemistry C</i> , 119 (12), pp. 6819-6827.	4.536
715.	Marwani, H.M., Lodhi, M.U., Khan, S.B., Asiri, A.M. Selective extraction and determination of toxic lead based on doped metal oxide nanofiber (2015) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 51, pp. 34-43. Cited 1 time.	4.217
714.	Chani, M.T.S., Khan, S.B., Asiri, A.M., Karimov, K.S., Rub, M.A. Photo-thermoelectric cells based on pristine α-Al₂O₃ co-doped CdO, CNTs and their single and bi-layer composites with silicone adhesive (2015) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 52, pp. 93-99.	4.217
713.	Dhakshinamoorthy, A., Asiri, A.M., Garcia, H. Metal-organic frameworks as heterogeneous catalysts in liquid phase reactions: Why are they so exceptional? (2015) <i>Chimica Oggi/Chemistry Today</i> , 33 (1), pp. 40-45. Cited 1 time.	0.538

712.	Khan, S.A., Obaid, A.Y., Al-Harb, L.M., Arshad, M.N., Asiri, A.M., Hursthouse, M.B. Synthesis, spectroscopic, physicochemical, crystal structure and DFT studies of 4,5,6,7-tetrahydro-1-benzothiophene-3-carbonitrile based azomethine dyes (2015) <i>International Journal of Electrochemical Science</i> , 10 (3), pp. 2306-2323.	1.469
711.	Al-Sehemi, A.G., Irfan, A., Asiri, A.M., Ammar, Y.A. Synthesis, characterization and density functional theory study of low cost hydrazone sensitizers (2015) <i>Bulletin of the Chemical Society of Ethiopia</i> , 29 (1), pp. 137-148.	---
710.	Anandan, S., Manivel, A., Asiri, A.M., Wu, J.J. Electropolymerization of cobalto(5,10,15-tris(4-aminophenyl)-20-phenylporphyrin) for electrochemical detection of antioxidant-antipyrine (2015) <i>Journal of Porphyrins and Phthalocyanines</i> , 7 p. Article in Press.	1.043
709.	Khan, A., Asiri, A.M., Khan, A.A.P., Sirajuddin, Gupta, V., Inamuddin Room temperature preparation, electrical conductivity, and thermal behavior evaluation on silver nanoparticle embedded polyaniline tungstophosphate nanocomposite (2015) <i>Polymer Composites</i> , . Article in Press.	2.324
708.	Liu, D., Lu, Q., Luo, Y., Sun, X., Asiri, A.M. NiCo₂S₄ nanowires array as an efficient bifunctional electrocatalyst for full water splitting with superior activity (2015) <i>Nanoscale</i> , 7 (37), pp. 15122-15126.	7.367
707.	Yetiskin, O., Dadashi-Silab, S., Khan, S.B., Asiri, A.M., Yagci, Y. Visible-Light-Induced Copper(I)-Catalyzed Azide-Alkyne Cycloaddition Initiated by Zinc Oxide Semiconductor Nanoparticles (2015) <i>Asian Journal of Organic Chemistry</i> , 4 (5), pp. 442-444.	2.788
706.	Chani, M.T.S., Khan, S.B., Karimov, K.S., Abid, M., Asiri, A.M., Akhtar, K. Synthesis of metal oxide composite nanosheets and their pressure sensing properties (2015) <i>Journal of Semiconductors</i> , 36 (2), art. no. 023002, .	---
705.	Khan, A.A.P., Khan, A., Asiri, A.M., Singh, A.K. Homogenous catalysis of Ru(III) for the oxidation of thiamine by chloramine T in acidic medium (2015) <i>International Journal of Electrochemical Science</i> , 10 (1), pp. 759-774.	1.469
704.	Abu-Zied, B.M., Hussein, M.A., Asiri, A.M. Characterization, in situ electrical conductivity and thermal behavior of immobilized PEG on MCM-41 (2015) <i>International Journal of Electrochemical Science</i> , 10 (6), pp. 4873-4887.	1.469
703.	Dhakshinamoorthy, A., Asiri, A.M., Garcia, H. Metal-organic frameworks catalyzed C-C and C-heteroatom coupling reactions (2015) <i>Chemical Society Reviews</i> , 44 (7), pp. 1922-1947. Cited 8 times.	38.618
702.	Khan, S.B., Asiri, A.M., Akhtar, K., Rub, M.A. Development of electrochemical sensor based on layered double hydroxide as a marker of environmental toxin (2015) <i>Journal of Industrial and Engineering Chemistry</i> , 30, pp. 234-238.	4.421
701.	Asiri, A.M., Khan, A.A.P., Khan, A. Spectroscopic investigation on kinetics and mechanistic aspects to electron-transfer process into quinolinium dichromate oxidation of a high blood pressure drug captopril in acidic medium (2015) <i>Journal of Molecular Liquids</i> , 203, pp. 1-6. Cited 2 times.	3.648
700.	Babgi, B.A., Asiri, A.M., Arshad, M.N., Humphrey, M.G. Synthesis, structural, electrochemical, and spectroscopic studies of some (diimine)ruthenium nitrile complexes (2015) <i>Journal of Coordination Chemistry</i> , 68 (8), pp. 1476-1486.	----
699.	Rub, M.A., Khan, F., Kumar, D., Asiri, A.M. Study of mixed micelles of promethazine hydrochloride (PMT) and nonionic	0.869

	surfactant (TX-100) mixtures at different temperatures and compositions (2015) <i>Tenside, Surfactants, Detergents</i> , 52 (3), pp. 236-244. Cited 2 times.	
698.	Khan, S.B., Asiri, A.M., Rahman, M.M., Marwani, H.M., Alamry, K.A. Evaluation of cerium doped tin oxide nanoparticles as a sensitive sensor for selective detection and extraction of cobalt (2015) <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 70, art. no. 11885, pp. 203-209.	2.221
697.	Vinoth, V., Wu, J.J., Asiri, A.M., Anandan, S. Simultaneous detection of dopamine and ascorbic acid using silicate network interlinked gold nanoparticles and multi-walled carbon nanotubes (2015) <i>Sensors and Actuators, B: Chemical</i> , 210, pp. 731-741. Cited 2 times.	5.401
696.	Li, Q., Cui, W., Tian, J., Xing, Z., Liu, Q., Xing, W., Asiri, A.M., Sun, X. N-Doped Carbon-Coated Tungsten Oxynitride Nanowire Arrays for Highly Efficient Electrochemical Hydrogen Evolution (2015) <i>ChemSusChem</i> , 8 (15), pp. 2487-2491.	7.226
695.	Hasnat, M.A., Islam, M.A., Aoun, S.B., Safwan, J.A., Rahman, M.M., Asiri, A.M. Composite Noble-Metal Films/H+-Conducting Solid-Polymer Electrolyte Assemblies: The Nitrate-Reduction Activity in an Asymmetric Sandwich-Type Reactor (2015) <i>ChemPlusChem</i> , . Article in Press.	2.797
694.	El-Daly, S.A., Salem, I.A., Hussein, M.A., Asiri, A.M. Fluorescence quenching N,N-bis(2,6-dimethylphenyl)-3,4:9,10-perylenetetracarboxylic diimide (BDPD) laser dye by colloidal silver nanoparticles (2015) <i>Journal of Fluorescence</i> , 25 (2), pp. 379-385.	1.461
693.	Khan, S.B., Alamry, K.A., Bifari, E.N., Asiri, A.M., Yasir, M., Gzara, L., Ahmad, R.Z. Assessment of antibacterial cellulose nanocomposites for water permeability and salt rejection (2015) <i>Journal of Industrial and Engineering Chemistry</i> , 24, pp. 266-275. Cited 2 times.	4.421
692.	Xing, Z., Liu, Q., Xing, W., Asiri, A.M., Sun, X. Interconnected Co-Entrapped, N-Doped Carbon Nanotube Film as Active Hydrogen Evolution Cathode over the Whole pH Range (2015) <i>ChemSusChem</i> , . Article in Press.	7.226
691.	Tang, C., Pu, Z., Liu, Q., Asiri, A.M., Luo, Y., Sun, X. Ni₃S₂ nanosheets array supported on Ni foam: A novel efficient three-dimensional hydrogen-evolving electrocatalyst in both neutral and basic solutions (2015) <i>International Journal of Hydrogen Energy</i> , 40 (14), pp. 4727-4732. Cited 4 times.	3.582
690.	Hasnat, M.A., Rahman, M.M., Siddiquey, I.A., Borhanuddin, S.M., Alam, M.S., Rahman, M.H., Asiri, A.M. Aggregated Pt-Pd nanoparticles on Nafion membrane for impulsive decomposition of hydrogen peroxide (2015) <i>RSC Advances</i> , 5 (57), pp. 46295-46300.	3.108
689.	Rahman, M.M., Asiri, A.M. Development of Penicillin G biosensor based on Penicillinase enzymes immobilized onto bio-chips (2015) <i>Biomedical Microdevices</i> , 17 (1), 7 p. Cited 1 time.	2.062
688.	Selvamani, T., Manjula, C.A., Anandan, S., Asiri, A.M., Ashokkumar, M. Preparation of CuO mesocrystals via antlerite intermediate for photocatalytic applications (2015) <i>Crystal Research and Technology</i> , 50 (2), pp. 143-149.	1.0
687.	Rub, M.A., Azum, N., Kumar, D., Khan, F., Asiri, A.M. Clouding phenomenon of amphiphilic drug promazine hydrochloride solutions: Influence of pharmaceutical excipients	4.421

	(2015) <i>Journal of Industrial and Engineering Chemistry</i> , 21, pp. 1119-1126. Cited 1 time.	
686.	Liang, Y., Liu, Q., Asiri, A.M., Sun, X., He, Y. Nickel-iron foam as a three-dimensional robust oxygen evolution electrode with high activity (2015) <i>International Journal of Hydrogen Energy</i> , 40 (39), pp. 13258-13263.	3.582
685.	Rahman, M.M., Asiri, A.M. Fabrication of highly sensitive ethanol sensor based on doped nanostructure materials using tiny chips (2015) <i>RSC Advances</i> , 5 (78), pp. 63252-63263.	3.108
684.	Cheng, N., Liu, Q., Tian, J., Sun, X., He, Y., Zhai, S., Asiri, A.M. Nickel oxide nanosheets array grown on carbon cloth as a high-performance three-dimensional oxygen evolution electrode (2015) <i>International Journal of Hydrogen Energy</i> , 40 (32), pp. 9866-9871.	3.582
683.	Khan, A., Khan, A.A.P., Asiri, A.M., Alamry, K.A. Preparation and characterization of hybrid graphene oxide composite and its application in paracetamol microbiosensor (2015) <i>Polymer Composites</i> , 36 (2), pp. 221-228. Cited 1 time.	2.324
682.	Georgiev, N.I., Dimitrova, M.D., Asiri, A.M., Alamry, K.A., Bojinov, V.B. Synthesis, sensor activity and logic behaviour of a novel bichromophoric system based on rhodamine 6G and 1,8-naphthalimide (2015) <i>Dyes and Pigments</i> , 115, pp. 172-180. Cited 5 times.	3.473
681.	Rub, M.A., Al-Youbi, A.O., Asiri, A.M., Khan, A., Khan, A.A.P., Azum, N., Kabir-ud-Din Influence of additives (inorganic/organic) on the clouding behavior of amphiphilic drug solutions: Some thermodynamic studies (2015) <i>Journal of Saudi Chemical Society</i> , 19 (3), pp. 292-300.	2.887
680.	Staneva, D., Makki, M.S.I., Sobahi, T.R., Bosch, P., Abdel-Rahman, R.M., Asiri, A., Grabchev, I. Synthesis and spectral characterization of a new blue fluorescent tripod for detecting metal cations and protons (2015) <i>Journal of Luminescence</i> , 162, art. no. 13205, pp. 149-154. Cited 2 times.	2.886
679.	Chani, M.T.S., Karimov, K.S., Khan, S.B., Asiri, A.M. Fabrication and investigation of flexible photo-thermo electrochemical cells based on Cu/orange dye aqueous solution/Cu (2015) <i>International Journal of Electrochemical Science</i> , 10 (7), pp. 5694-5701.	1.469
678.	Liu, Q., Shi, J., Hu, J., Asiri, A.M., Luo, Y., Sun, X. CoSe₂ nanowires array as a 3D electrode for highly efficient electrochemical hydrogen evolution (2015) <i>ACS Applied Materials and Interfaces</i> , 7 (7), pp. 3877-3881. Cited 4 times.	7.504
677.	Liu, Q., Pu, Z., Asiri, A.M., Sun, X. Bamboo-like nitrogen-doped carbon nanotubes toward fluorescence recovery assay for DNA detection (2015) <i>Sensors and Actuators, B: Chemical</i> , 206, pp. 37-42.	5.401
676.	Asiri, A.M., Khan, S.A., Basisi, H.M. Synthesis, characterization, physicochemical and electrochemical studies of novel donor acceptor chromophores (2015) <i>International Journal of Electrochemical Science</i> , 10 (8), pp. 6092-6105.	1.469
675.	Ramezani Kakroodi, A., Panthapulakkal, S., Sain, M., Asiri, A. Cellulose nanofibers from the skin of beavertail cactus, <i>Opuntia basilaris</i>, as reinforcements for polyvinyl alcohol (2015) <i>Journal of Applied Polymer Science</i> , 132 (36), art. no. 42499, .	1.86
674.	Tetko, I.V., Sushko, Y., Novotarskyi, S., Patiny, L., Kondratov, I., Petrenko, A.E., Charochkina, L., Asiri, A.M. How accurately can we predict the melting points of drug-like compounds? (2014) <i>Journal of Chemical Information and Modeling</i> , 54 (12), pp. 3320-3329.	3.760

673.	Irfan, A., Al-Sehemi, A.G., Muhammad, S., Chaudhry, A.R., Al-Assiri, M.S., Jin, R., Kalam, A., Shkir, M., Asiri, A.M. In-depth quantum chemical investigation of electro-optical and charge-transport properties of trans-3-(3,4-dimethoxyphenyl)-2-(4-nitrophenyl)prop-2-enenitrile (2015) <i>Comptes Rendus Chimie</i> , . Article in Press.	1.879
672.	Garza, A.J., Wazzan, N.A., Asiri, A.M., Scuseria, G.E. Can short- and middle-range hybrids describe the hyperpolarizabilities of long-range charge-transfer compounds? (2014) <i>Journal of Physical Chemistry A</i> , 118 (50), pp. 11787-11796. Cited 4 times.	2.847
671.	Asiri, A.M., Marwani, H.M., Khan, S.B., Webster, T.J. Understanding greater cardiomyocyte functions on aligned compared to random carbon nanofibers in PLGA (2014) <i>International Journal of Nanomedicine</i> , 10, pp. 89-96.	4.300
670.	Sinha, L., Prasad, O., Chand, S., Sachan, A.K., Pathak, S.K., Shukla, V.K., Karabacak, M., Asiri, A.M. FT-IR, FT-Raman and UV spectroscopic investigation, electronic properties, electric moments, and NBO analysis of anethole using quantum chemical calculations (2014) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 133, pp. 165-177. Cited 1 time.	2.536
669.	Liu, Q., Pu, Z., Asiri, A.M., Sun, X. Nitrogen-doped carbon nanotube supported iron phosphide nanocomposites for highly active electrocatalysis of the hydrogen evolution reaction (2014) <i>Electrochimica Acta</i> , 149, pp. 324-329. Cited 4 times.	4.798
668.	Khan, S.A., Asiri, A.M., Al-Thaqafi, S.H., Faidallah, H.M., El-Daly, S.A. Synthesis, characterization and spectroscopic behavior of novel 2-oxo-1,4-disubstituted-1,2,5,6-tetrahydrobenzo[h]quinoline-3-carbonitrile dyes (2014) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 133, pp. 141-148. Cited 3 times.	2.536
667.	Rahman, M.M., Khan, S.B., Marwani, H.M., Asiri, A.M. Selective divalent cobalt ions detection using Ag₂O₃-ZnO nanocones by ICP-OES method for environmental remediation (2014) <i>PLoS ONE</i> , 9 (12), art. no. e114084, . Cited 1 time.	2.806
666.	Asiri, A.M., Marwani, H.M., Khan, S.B., Webster, T.J. Greater cardiomyocyte density on aligned compared with random carbon nanofibers in polymer composites (2014) <i>International Journal of Nanomedicine</i> , 9 (1), pp. 5533-5539. Cited 2 times.	4.300
665.	Khan, A., Khan, A.A.P., Asiri, A.M., Rub, M.A., Azum, N., Khan, I. Preparation, electrical conductivity, and thermal studies on silver doped polyaniline phosphotungstate nanocomposite (2014) <i>Synthesis and Reactivity in Inorganic, Metal-Organic and Nano-Metal Chemistry</i> , 44 (10), pp. 1526-1530. Cited 1 time.	0.489
664.	Blez, J.F., Primo, A., Asiri, A.M., Álvaro, M., Garcá, H. Copper nanoparticles supported on doped graphenes as catalyst for the dehydrogenative coupling of silanes and alcohols (2014) <i>Angewandte Chemie - International Edition</i> , 53 (46), pp. 12581-12586.	11.994
663.	Panmand, D.S., Jishkariani, D., Hall, C.D., Steel, P.J., Asiri, A.M., Katritzky, A.R. Synthesis and direct C2 functionalization of imidazolium and 1,2,4-triazolium N-imides (2014) <i>Journal of Organic Chemistry</i> , 79 (21), pp. 10593-10598.	4.849
662.	Karabacak, M., Kose, E., Atac, A., Sas, E.B., Asiri, A.M., Kurt, M. Experimental (FT-IR, FT-Raman, UV-Vis, ¹H and ¹³C NMR) and computational (density functional theory) studies on 3-bromophenylboronic acid (2014) <i>Journal of Molecular Structure</i> , 1076, pp. 358-372. Cited 4 times.	1.753

661.	Sachan, A.K., Pathak, S.K., Sinha, L., Prasad, O., Karabacak, M., Asiri, A.M. A combined experimental and theoretical investigation of 2-Thienylboronic acid: Conformational search, molecular structure, NBO, NLO and FT-IR, FT-Raman, NMR and UV spectral analysis (2014) <i>Journal of Molecular Structure</i> , 1076, pp. 639-650. Cited 3 times.	1.753
660.	Taib, L.A., Faidallah, H.M., Şahin, Z.S., Asiri, A.M., Şahin, O., Arshad, M.N. Synthesis, spectral analysis, X-ray crystal structures and evaluation of chemical reactivity of five new benzoindazole derivatives through experimental and theoretical studies (2014) <i>Journal of Molecular Structure</i> , 1076, pp. 272-279. Cited 3 times.	1.753
659.	Dhakshinamoorthy, A., Asiri, A.M., Garcia, H. Catalysis by metal-organic frameworks in water (2014) <i>Chemical Communications</i> , 50 (85), pp. 12800-12814. Cited 9 times.	6.319
658.	Panmand, D.S., Tiwari, A.D., Panda, S.S., Monbaliu, J.-C.M., Beagle, L.K., Asiri, A.M., Stevens, C.V., Steel, P.J., Hall, C.D., Katritzky, A.R. New benzotriazole-based reagents for the phosphorylation of various N-, O-, and S-nucleophiles (2014) <i>Tetrahedron Letters</i> , 55 (43), pp. 5898-5901.	2.193
657.	Khan, S.B., Rahman, M.M., Akhtar, K., Asiri, A.M. Detection and monitoring of toxic chemical at ultra trace level by utilizing doped nanomaterial (2014) <i>PLoS ONE</i> , 9 (10), art. no. e109423, . Cited 1 time.	2.806
656.	Liang, Y., Liu, Q., Asiri, A.M., Sun, X., Luo, Y. Self-supported FeP nanorod arrays: A cost-effective 3D hydrogen evolution cathode with high catalytic activity (2014) <i>ACS Catalysis</i> , 4 (11), pp. 4065-4069. Cited 15 times.	10.614
655.	Tiwari, A.D., Panda, S.S., Girgis, A.S., Sahu, S., George, R.F., Srouf, A.M., Starza, B.L., Asiri, A.M., Hall, C.D., Katritzky, A.R. Microwave assisted synthesis and QSAR study of novel NSAID acetaminophen conjugates with amino acid linkers (2014) <i>Organic and Biomolecular Chemistry</i> , 12 (37), pp. 7238-7249. Cited 4 times.	3.564
654.	Detistov, O.S., Panda, S.S., Steel, P.J., Asiri, A.M., Hall, C.D., Katritzky, A.R. Diastereoselective synthesis of methanopyridoxazinones (2014) <i>Synlett</i> , 25 (18), art. no. st-2014-s0510-1, pp. 2654-2660.	2.151
653.	Hussein, M.A., Marwani, H.M., Alamry, K.A., Asiri, A.M., El-Daly, S.A. Surface selectivity competition of newly synthesized polyarylidene(keto amine) polymers toward different metal ions (2014) <i>Journal of Applied Polymer Science</i> , 131 (19), art. no. 40873, . Cited 1 time.	1.86
652.	Pu, Z., Liu, Q., Asiri, A.M., Obaid, A.Y., Sun, X. Graphene film-confined molybdenum sulfide nanoparticles: Facile one-step electrodeposition preparation and application as a highly active hydrogen evolution reaction electrocatalyst (2014) <i>Journal of Power Sources</i> , 263, pp. 181-185. Cited 17 times.	6.395
651.	Du, H., Liu, Q., Cheng, N., Asiri, A.M., Sun, X., Li, C.M. Template-assisted synthesis of CoP nanotubes to efficiently catalyze hydrogen-evolving reaction (2014) <i>Journal of Materials Chemistry A</i> , 2 (36), pp. 14812-14816. Cited 14 times.	8.867
650.	Khan, A.A.P., Khan, A., Asiri, A.M., Rub, M.A. Catalyst usage of micro concentration of Mn(II) for the oxidation of biotin by peroxomonosulphate in aqueous medium: A mechanistic approach (2014) <i>Journal of Industrial and Engineering Chemistry</i> , 20 (5), pp. 3590-3595.	4.421
649.	Jiang, P., Liu, Q., Ge, C., Cui, W., Pu, Z., Asiri, A.M., Sun, X. CoP nanostructures with different morphologies: Synthesis, characterization and a study of their electrocatalytic performance toward the hydrogen	8.86

	evolution reaction (2014) <i>Journal of Materials Chemistry A</i> , 2 (35), pp. 14634-14640. Cited 15 times.	
648.	Hooshmand, N., O'Neil, D., Asiri, A.M., El-Sayed, M. Spectroscopy of homo- And heterodimers of silver and gold nanocubes as a function of separation: A DDA simulation (2014) <i>Journal of Physical Chemistry A</i> , 118 (37), pp. 8338-8344.	2.84
647.	Cui, W., Liu, Q., Xing, Z., Asiri, A.M., Alamry, K.A., Sun, X. MoP nanosheets supported on biomass-derived carbon flake: One-step facile preparation and application as a novel high-active electrocatalyst toward hydrogen evolution reaction (2014) <i>Applied Catalysis B: Environmental</i> , 164, pp. 144-150. Cited 3 times.	9.44
646.	Kim, D., Resasco, J., Yu, Y., Asiri, A.M., Yang, P. Synergistic geometric and electronic effects for electrochemical reduction of carbon dioxide using gold-copper bimetallic nanoparticles (2014) <i>Nature Communications</i> , 5, art. no. 4948, . Cited 24 times.	12.12
645.	Azum, N., Rub, M.A., Asiri, A.M. Analysis of surface and bulk properties of amphiphilic drug ibuprofen and surfactant mixture in the absence and presence of electrolyte (2014) <i>Colloids and Surfaces B: Biointerfaces</i> , 121, pp. 158-164. Cited 5 times.	3.88
644.	Pannipara, M., Asiri, A.M., Alamry, K.A., Arshad, M.N., El-Daly, S.A. Spectroscopic Investigation, Effect of Solvent Polarity and Fluorescence Quenching of a New D-π-A Type Chalcone Derivative (2014) <i>Journal of Fluorescence</i> , . Article in Press.	1.46
643.	Gu, S., Du, H., Asiri, A.M., Sun, X., Li, C.M. Three-dimensional interconnected network of nanoporous CoP nanowires as an efficient hydrogen evolution cathode (2014) <i>Physical Chemistry Chemical Physics</i> , 16 (32), pp. 16909-16913. Cited 11 times.	4.12
642.	Xing, Z., Liu, Q., Asiri, A.M., Sun, X. Closely interconnected network of molybdenum phosphide nanoparticles: A highly efficient electrocatalyst for generating hydrogen from water (2014) <i>Advanced Materials</i> , 26 (32), pp. 5702-5707. Cited 66 times.	19.79
641.	Cui, W., Liu, Q., Cheng, N., Asiri, A.M., Sun, X. Activated carbon nanotubes: A highly-active metal-free electrocatalyst for hydrogen evolution reaction (2014) <i>Chemical Communications</i> , 50 (66), pp. 9340-9342. Cited 24 times.	6.31
640.	Khan, A.A.P., Khan, A., Asiri, A.M., Khan, S.A., Mohd, A. Complexation and oxidation of Flutamide with Fe³⁺ and 1,10-phenanthroline: Few analytical applications (2014) <i>Arabian Journal of Chemistry</i> , . Article in Press.	4.55
639.	Pu, Z., Liu, Q., Jiang, P., Asiri, A.M., Obaid, A.Y., Sun, X. CoP nanosheet arrays supported on a Ti plate: An efficient cathode for electrochemical hydrogen evolution (2014) <i>Chemistry of Materials</i> , 26 (15), pp. 4326-4329. Cited 29 times.	9.46
638.	Cui, W., Ge, C., Xing, Z., Asiri, A.M., Sun, X. NixSy-MoS₂ hybrid microspheres: One-pot hydrothermal synthesis and their application as a novel hydrogen evolution reaction electrocatalyst with enhanced activity (2014) <i>Electrochimica Acta</i> , 137, pp. 504-510. Cited 4 times.	4.79
637.	Staneva, D., Vasileva-Tonkova, E., Makki, M.S.I., Asiri, A.M., Grabchev, I. Combination of sensor potential and antimicrobial activity of a new 4-(2-dimethylaminoethoxy)-N-buthyl-1,8-naphthalimide (2014) <i>Journal of Molecular Structure</i> , 1071 (1), pp. 88-94. Cited 3 times.	1.75
636.	Cheng, S., Panthapulakkal, S., Sain, M., Asiri, A. Aloe vera rind cellulose nanofibers-reinforced films	2.95

	(2014) <i>Journal of Applied Polymer Science</i> , 131 (15), art. no. 40592, . Cited 3 times.	
635.	Rub, M.A., Sheikh, M.S., Khan, F., Khan, S.B., Asiri, A.M. Bile salts aggregation behavior at various temperatures under the influence of Amphiphilic drug Imipramine hydrochloride in aqueous medium (2014) <i>Zeitschrift fur Physikalische Chemie</i> , 228 (6-7), pp. 747-767. Cited 6 times.	1.0
634.	Rub, M.A., Asiri, A.M., Azum, N., Kabir-ud-Din Investigation of micellar and phase separation phenomenon of phenothiazine drug promazine hydrochloride with anionic hydrotropes (2014) <i>Journal of Industrial and Engineering Chemistry</i> , 20 (4), pp. 2023-2034. Cited 10 times.	4.42
633.	Khan, A., Khan, A.A.P., Asiri, A.M., Rub, M.A., Azum, N., Khan, S.B., Marwani, H.M. Applied poly(2-methoxy aniline) Sn(II)silicate carbon nanotubes composite: Synthesis, characterization, structure-property relationships and applications (2014) <i>Journal of Industrial and Engineering Chemistry</i> , 20 (4), pp. 2301-2309. Cited 2 times.	4.42
632.	Rahman, M.M., Khan, S.B., Marwani, H.M., Asiri, A.M., Alamry, K.A., Rub, M.A., Khan, A., Khan, A.A.P., Azum, N. Facile synthesis of doped ZnO-CdO nanoblocks as solid-phase adsorbent and efficient solar photo-catalyst applications (2014) <i>Journal of Industrial and Engineering Chemistry</i> , 20 (4), pp. 2278-2286. Cited 5 times.	4.42
631.	Pu, Z., Liu, Q., Asiri, A.M., Obaid, A.Y., Sun, X. One-step electrodeposition fabrication of graphene film-confined WS₂ nanoparticles with enhanced electrochemical catalytic activity for hydrogen evolution (2014) <i>Electrochimica Acta</i> , 134, pp. 8-12. Cited 7 times.	4.79
630.	Ge, C., Jiang, P., Cui, W., Pu, Z., Xing, Z., Asiri, A.M., Obaid, A.Y., Sun, X., Tian, J. Shape-controllable synthesis of Mo₂C nanostructures as hydrogen evolution reaction electrocatalysts with high activity (2014) <i>Electrochimica Acta</i> , 134, pp. 182-186. Cited 14 times.	4.79
629.	Pu, Z., Liu, Q., Tang, C., Asiri, A.M., Qusti, A.H., Al-Youbi, A.O., Sun, X. Spinel ZnCo₂O₄/N-doped carbon nanotube composite: A high active oxygen reduction reaction electrocatalyst (2014) <i>Journal of Power Sources</i> , 257, pp. 170-173. Cited 11 times.	6.39
628.	Tiwari, A.D., Panda, S.S., Asiri, A.M., Hall, C.D., Katritzky, A.R. Fluorescent-Labeled Amino Acid-Antibiotic Conjugates (2014) <i>Synthesis</i> , . Article in Press.	
627.	Fu, Y.-T., Da Silva Filho, D.A., Sini, G., Asiri, A.M., Aziz, S.G., Risko, C., Brédas, J.-L. Structure and disorder in squaraine-C₆₀ organic solar cells: A theoretical description of molecular packing and electronic coupling at the donor-acceptor interface (2014) <i>Advanced Functional Materials</i> , 24 (24), pp. 3790-3798. Cited 7 times.	12.12
626.	Liu, Q., Tian, J., Cui, W., Jiang, P., Cheng, N., Asiri, A.M., Sun, X. Carbon nanotubes decorated with CoP nanocrystals: A highly active non-noble-metal nanohybrid electrocatalyst for hydrogen evolution (2014) <i>Angewandte Chemie - International Edition</i> , 53 (26), pp. 6710-6714. Cited 80 times.	11.99
625.	Yang, Y., Asiri, A.M., Du, D., Lin, Y. Acetylcholinesterase biosensor based on a gold nanoparticle-polypyrrole-reduced graphene oxide nanocomposite modified electrode for the amperometric detection of organophosphorus pesticides (2014) <i>Analyst</i> , 139 (12), pp. 3055-3060. Cited 13 times.	3.88
624.	Staneva, D., Bosch, P., Asiri, A.M., Taib, L.A., Grabchev, I. Studying pH dependence of the photophysical properties of a blue emitting	3.47

	fluorescent PAMAM dendrimer and evaluation of its sensor potential (2014) <i>Dyes and Pigments</i> , 105, pp. 114-120. Cited 8 times.	
623.	Tian, J., Liu, Q., Asiri, A.M., Sun, X. Self-supported nanoporous cobalt phosphide nanowire arrays: An efficient 3D hydrogen-evolving cathode over the wide range of pH 0-14 (2014) <i>Journal of the American Chemical Society</i> , 136 (21), pp. 7587-7590. Cited 116 times.	13.85
622.	Rahman, M.M., Khan, S.B., Marwani, H.M., Asiri, A.M., Alamry, K.A., Rub, M.A., Khan, A., Khan, A.A.P., Qusti, A.H. Low dimensional Ni-ZnO nanoparticles as marker of toxic lead ions for environmental remediation (2014) <i>Journal of Industrial and Engineering Chemistry</i> , 20 (3), pp. 1071-1078. Cited 4 times.	4.42
621.	Sun, X., Xing, Z., Ning, R., Asiri, A.M., Obaid, A.Y. Carbon nanobelts as a novel sensing platform for fluorescence-enhanced DNA detection (2014) <i>Analyst</i> , 139 (10), pp. 2318-2321. Cited 3 times.	3.88
620.	Fang, Y., Zheng, G., Yang, J., Tang, H., Zhang, Y., Kong, B., Lv, Y., Xu, C., Asiri, A.M., Zi, J., Zhang, F., Zhao, D. Dual-pore mesoporous carbon@silica composite core-shell nanospheres for multidrug delivery (2014) <i>Angewandte Chemie - International Edition</i> , 53 (21), pp. 5366-5370. Cited 18 times.	11.99
619.	Dadashi-Silab, S., Asiri, A.M., Khan, S.B., Alamry, K.A., Yagci, Y. Semiconductor nanoparticles for photoinitiation of free radical polymerization in aqueous and organic media (2014) <i>Journal of Polymer Science, Part A: Polymer Chemistry</i> , 52 (10), pp. 1500-1507. Cited 6 times.	2.95
618.	Alawisi, H., Li, B., He, Y., Arman, H.D., Asiri, A.M., Wang, H., Chen, B. A microporous metal-organic framework constructed from a new tetracarboxylic acid for selective gas separation (2014) <i>Crystal Growth and Design</i> , 14 (5), pp. 2522-2526. Cited 10 times.	4.05
617.	Khan, A., Khan, A.A.P., Asiri, A.M., Rub, M.A. Synthesis of silver embedded poly(o-anisidine) molybdophosphate nano hybrid cation-exchanger applicable for membrane electrode (2014) <i>PLoS ONE</i> , 9 (5), art. no. e96897, .	2.8
616.	Du, D., Zhang, W., Asiri, A.M., Lin, Y. Sensors Based on Carbon Nanotube Arrays and Graphene for Water Monitoring (2014) <i>Nanotechnology Applications for Clean Water: Solutions for Improving Water Quality: Second Edition</i> , pp. 3-19. Cited 1 time.	
615.	Du, D., Asiri, A.M., Wang, J., Lin, Y. Electrochemical Biosensors Based on Nanomaterials for Detection of Pesticides and Explosives (2014) <i>Nanotechnology Applications for Clean Water: Solutions for Improving Water Quality: Second Edition</i> , pp. 47-62.	
614.	Georgiev, N.I., Dimov, S.M., Asiri, A.M., Alamry, K.A., Obaid, A.Y., Bojinov, V.B. Synthesis, selective pH-sensing activity and logic behavior of highly water-soluble 1,8-naphthalimide and dihydroimidazonaphthalimide derivatives (2014) <i>Journal of Luminescence</i> , 149, pp. 325-332. Cited 13 times.	2.68
613.	Anandan, S., Asiri, A.M., Ashokkumar, M. Ultrasound assisted synthesis of Sn nanoparticles-stabilized reduced graphene oxide nanodiscs (2014) <i>Ultrasonics Sonochemistry</i> , 21 (3), pp. 920-923. Cited 2 times.	4.2
612.	Qian, Q., Ruiz-Martínez, J., Mokhtar, M., Asiri, A.M., Al-Thabaiti, S.A., Basahel, S.N., Weckhuysen, B.M.	4.6

	Single-catalyst particle spectroscopy of alcohol-to-olefins conversions: Comparison between SAPO-34 and SSZ-13 (2014) <i>Catalysis Today</i> , 226, pp. 14-24. Cited 4 times.	
611.	El-Shishtawy, R.M., Mohamed, S.A., Asiri, A.M., Gomaa, A.-B.M., Ibrahim, I.H., Al-Talhi, H.A. Solid fermentation of wheat bran for hydrolytic enzymes production and saccharification content by a local isolate <i>Bacillus megatherium</i> (2014) <i>BMC Biotechnology</i> , 14, art. no. 29, . Cited 3 times.	2.41
610.	Ha, K., Lebedyeva, I., Hamedzadeh, S., Li, Z., Quiñones, R., Pillai, G.G., Williams, B., Nasajpour, A., Martin, K., Asiri, A.M., Katritzky, A.R. Tandem deprotection-dimerization-macrocyclization route to C(2) symmetric cyclo-tetrapeptides (2014) <i>Chemistry (Weinheim an der Bergstrasse, Germany)</i> , 20 (17), pp. 4874-4879. Cited 2 times.	
609.	Ha, K., Lebedyeva, I., Hamedzadeh, S., Li, Z., Quiñones, R., Pillai, G.G., Williams, B., Nasajpour, A., Martin, K., Asiri, A.M., Katritzky, A.R. Tandem deprotection-dimerization-macrocyclization route to C2 symmetric cyclo-tetrapeptides (2014) <i>Chemistry - A European Journal</i> , 20 (17), pp. 4874-4879. Cited 1 time.	5.13
608.	Chani, M.T.S., Karimov, Kh.S., Asiri, A.M., Ahmed, N., Bashir, M.M., Khan, S.B., Rub, M.A., Azum, N. Temperature gradient measurements by using thermoelectric effect in CNTs-silicone adhesive composite (2014) <i>PLoS ONE</i> , 9 (4), art. no. e95287, . Cited 1 time.	2.81
607.	Abu-Zied, B.M., Asiri, A.M. An investigation of the thermal decomposition of silver acetate as a precursor for nano-sized Ag-catalyst (2014) <i>Thermochimica Acta</i> , 581, pp. 110-117. Cited 1 time.	2.23
606.	Karabacak, M., Sinha, L., Prasad, O., Asiri, A.M., Cinar, M., Shukla, V.K. FT-IR, FT-Raman, NMR, UV and quantum chemical studies on monomeric and dimeric conformations of 3,5-dimethyl-4-methoxybenzoic acid (2014) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 123, pp. 352-362. Cited 8 times.	2.53
605.	Zolotarev, P.N., Arshad, M.N., Asiri, A.M., Al-Amshany, Z.M., Blatov, V.A. A possible route toward expert systems in supramolecular chemistry: 2-periodic H-bond patterns in molecular crystals (2014) <i>Crystal Growth and Design</i> , 14 (4), pp. 1938-1949. Cited 14 times.	4.0
604.	El-Daly, S.A., Asiri, A.M., Hussein, M.A., Al-Sehemi, A.G. Spectroscopic and computational studies of 1,4-bis[β-(6-tertbutyl-2-benzoxazolyl)vinyl]benzene(BTBVB) laser dye (2014) <i>Journal of Luminescence</i> , 148, pp. 317-324. Cited 2 times.	2.68
603.	El-Daly, S.A., Rahman, M.M., Alamry, K.A., Asiri, A.M. Fluorescence quenching of N,N-bis(2,5-di-tert-butylphenyl)-3,4:9,10-perylenebis(dicarboximide) (DBPI) by silver nanoparticles (2014) <i>Journal of Luminescence</i> , 148, pp. 303-306. Cited 4 times.	2.68
602.	Asiri, A.M., Al-Amoudi, M.S., Bazaid, S.A., Adam, A.A., Alamry, K.A., Anandan, S. Enhanced visible light photodegradation of water pollutants over N-, S-doped titanium dioxide and n-titanium dioxide in the presence of inorganic anions (2014) <i>Journal of Saudi Chemical Society</i> , 18 (2), pp. 155-163. Cited 2 times.	2.88
601.	Liu, Q., Jiang, P., Pu, Z., Asiri, A.M., Al-Youbi, A.O., Sun, X. BCNO nanoparticles: A novel highly efficient fluorosensor for ultrarapid detection of Cu²⁺ (2014) <i>Sensors and Actuators, B: Chemical</i> , 194, pp. 492-497. Cited 2 times.	5.4
600.	Rub, M.A., Asiri, A.M., Kumar, D., Azum, N., Khan, F. Temperature dependant mixed micellization behavior of a drug-AOT mixture in	0.76

	an aqueous medium (2014) <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 30 (4), pp. 699-707. Cited 5 times.	
599.	Hursthouse, M.B., Montis, R., Niitsoo, L., Sarson, J., Threlfall, T.L., Asiri, A.M., Khan, S.A., Obaid, A.Y., Al-Harbi, L.M. Anhydrides and/or hydrates in nitrate, sulphate and phosphate salts of 4-aminopyridine, (4-AP) and 3,4-diaminopyridine (3,4-DAP): The role of the water molecules in the hydrates (2014) <i>CrystEngComm</i> , 16 (11), pp. 2205-2219. Cited 1 time.	3.47
598.	Wang, J., Li, W., Wang, F., Xia, Y., Asiri, A.M., Zhao, D. Controllable synthesis of SnO₂@C yolk-shell nanospheres as a high-performance anode material for lithium ion batteries (2014) <i>Nanoscale</i> , 6 (6), pp. 3217-3222. Cited 25 times.	7.3
597.	Vertesaljai, P., Biswas, S., Lebedyeva, I., Broggi, E., Asiri, A.M., Katritzky, A.R. Synthesis of taurine-containing peptides, sulfonopeptides, and N - And O - conjugates (2014) <i>Journal of Organic Chemistry</i> , 79 (6), pp. 2688-2693. Cited 1 time.	4.8
596.	Aman, F., Asiri, A.M., Siddiqui, W.A., Arshad, M.N., Ashraf, A., Zakharov, N.S., Blatov, V.A. Multilevel topological description of molecular packings in 1,2-benzothiazines (2014) <i>CrystEngComm</i> , 16 (10), pp. 1963-1970. Cited 6 times.	3.47
595.	Manivel, A., Ramkumar, S., Wu, J.J., Asiri, A.M., Anandan, S. Exploration of (S)-4,5,6,7-tetrahydrobenzo[d]thiazole-2,6-diamine as feasible corrosion inhibitor for mild steel in acidic media (2014) <i>Journal of Environmental Chemical Engineering</i> , 2 (1), pp. 463-470. Cited 4 times.	
594.	Qian, Q., Ruiz-Martínez, J., Mokhtar, M., Asiri, A.M., Al-Thabaiti, S.A., Basahel, S.N., Weckhuysen, B.M. Single-particle spectroscopy of alcohol-to-olefins over SAPO-34 at different reaction stages: Crystal accessibility and hydrocarbons reactivity (2014) <i>ChemCatChem</i> , 6 (3), pp. 772-783. Cited 4 times.	4.8
593.	Marwani, H.M., Rahman, M.M., Khan, S.B., Asiri, A.M., Alamry, K.A., Rub, M.A., Chani, M.T.S. Selective detection of gold(III) ions based on codoped MnO₂-SnO₂ nanocubes prepared by solution method (2014) <i>Materials Research Bulletin</i> , 51, pp. 287-294. Cited 2 times.	2.44
592.	Georgiev, N.I., Asiri, A.M., Alamry, K.A., Obaid, A.Y., Bojinov, V.B. Selective ratiometric pH-sensing PAMAM light-harvesting dendrimer based on Rhodamine 6G and 1,8-naphthalimide (2014) <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 277, pp. 62-74. Cited 8 times.	2.62
591.	Xing, Z., Asiri, A.M., Obaid, A.Y., Sun, X., Ge, X. Carbon nanofiber-templated mesoporous TiO₂ nanotubes as a high-capacity anode material for lithium-ion batteries (2014) <i>RSC Advances</i> , 4 (18), pp. 9061-9063. Cited 10 times.	3.10
590.	Garza, A.J., Osman, O.I., Wazzan, N.A., Khan, S.B., Asiri, A.M., Scuseria, G.E. A computational study of the nonlinear optical properties of carbazole derivatives: Theory refines experiment (2014) <i>Theoretical Chemistry Accounts</i> , 133 (4), pp. 1-8. Cited 4 times.	1.89
589.	Xing, Z., Tian, J., Asiri, A.M., Qusti, A.H., Al-Youbi, A.O., Sun, X. Two-dimensional hybrid mesoporous Fe₂O₃-graphene nanostructures: A highly active and reusable peroxidase mimetic toward rapid, highly sensitive optical detection of glucose (2014) <i>Biosensors and Bioelectronics</i> , 52, pp. 452-457. Cited 21 times.	7.78
588.	Khan, S.A., Asiri, A.M., Al-Amry, K., Malik, M.A. Synthesis, characterization, electrochemical studies, and in vitro antibacterial	1.21

	activity of novel thiosemicarbazone and its Cu(II), Ni(II), and Co(II) complexes (2014) <i>The Scientific World Journal</i> , 2014, art. no. 592375, .	
587.	Obaid, A.Y., El-Mossalamy, E.H., Al-Thabaiti, S.A., El-Hallag, I.S., Hermas, A.A., Asiri, A.M. Electrodeposition and characterization of polyaniline on stainless steel surface via cyclic, convolutive voltammetry and SEM in aqueous acidic solutions (2014) <i>International Journal of Electrochemical Science</i> , 9 (2), pp. 1003-1015. Cited 4 times.	1.3
586.	Khan, M.S., Munawar, M.A., Ashraf, M., Alam, U., Ata, A., Asiri, A.M., Kousar, S., Khan, M.A. Synthesis of novel indenoquinoxaline derivatives as potent α-glucosidase inhibitors (2014) <i>Bioorganic and Medicinal Chemistry</i> , 22 (3), pp. 1195-1200. Cited 2 times.	2.93
585.	Asiri, A.M., Marwani, H.M., Alamry, K.A., Al-Amoudi, M.S., Khan, S.A., El-Daly, S.A. Green synthesis, characterization, photophysical and electrochemical properties of bis-chalcones (2014) <i>International Journal of Electrochemical Science</i> , 9 (2), pp. 799-809. Cited 8 times.	1.3
584.	Dadashi-Silab, S., Atilla Tasdelen, M., Mohamed Asiri, A., Bahadar Khan, S., Yagci, Y. Photoinduced atom transfer radical polymerization using semiconductor nanoparticles (2014) <i>Macromolecular Rapid Communications</i> , 35 (4), pp. 454-459. Cited 23 times.	4.26
583.	Zhang, W., Asiri, A.M., Liu, D., Du, D., Lin, Y. Nanomaterial-based biosensors for environmental and biological monitoring of organophosphorus pesticides and nerve agents (2014) <i>TrAC - Trends in Analytical Chemistry</i> , 54, pp. 1-10. Cited 27 times.	6.32
582.	Tian, J., Ning, R., Liu, Q., Asiri, A.M., Al-Youbi, A.O., Sun, X. Three-dimensional porous supramolecular architecture from ultrathin g-C₃N₄ nanosheets and reduced graphene oxide: Solution self-assembly construction and application as a highly efficient metal-free electrocatalyst for oxygen reduction reaction (2014) <i>ACS Applied Materials and Interfaces</i> , 6 (2), pp. 1011-1017. Cited 34 times.	7.5
581.	Khan, S.B., Rahman, M.M., Akhtar, K., Asiri, A.M., Rub, M.A. Nitrophenol chemi-sensor and active solar photocatalyst based on spinel hetaerolite nanoparticles (2014) <i>PLoS ONE</i> , 9 (1), art. no. e85290, . Cited 6 times.	2.8
580.	Rahman, M.M., Khan, S.B., Asiri, A.M. Fabrication of smart chemical sensors based on transition-doped-semiconductor nanostructure materials with μ-chips (2014) <i>PLoS ONE</i> , 9 (1), art. no. e85036, . Cited 8 times.	2.8
579.	Feng, S., Li, W., Shi, Q., Li, Y., Chen, J., Ling, Y., Asiri, A.M., Zhao, D. Synthesis of nitrogen-doped hollow carbon nanospheres for CO₂ capture (2014) <i>Chemical Communications</i> , 50 (3), pp. 329-331. Cited 43 times.	6.32
578.	Khan, S.A., Asiri, A.M. Green synthesis, characterization and biological evaluation of novel chalcones as anti bacterial agents (2014) <i>Arabian Journal of Chemistry</i> , . Article in Press.	4.55
577.	Khan, S.A., Asiri, A.M., Elroby, S.A.K. Green synthesis, characterization, antibacterial activity of heterocyclic compounds from chalcone on basis of in vitro and quantum chemistry calculation (2014) <i>Asian Journal of Chemistry</i> , 26 (21), pp. 7283-7288.	

576.	Ning, R., Ge, C., Liu, Q., Tian, J., Asiri, A.M., Alamry, K.A., Li, C.M., Sun, X. Hierarchically porous N-doped carbon nanoflakes: Large-scale facile synthesis and application as an oxygen reduction reaction electrocatalyst with high activity (2014) <i>Carbon</i> , 78, pp. 60-69. Cited 5 times.	6.33
575.	El-Daly, S.A., Asiri, A.M., Alamry, K.A. Experimental determination of ground and excited state dipole moments of N, N-Bis (2, 5-di-tert-butylphenyl)-3, 4:9, 10-perylenebis (dicarboximide) (DBPI) a photostable laser dye (2014) <i>Journal of Fluorescence</i> , 24 (4), pp. 1307-1311. Cited 3 times.	1.46
574.	Cheng, S., Panthapulakkal, S., Ramezani, N., Asiri, A.M., Sain, M. Aloe vera rind nanofibers: Effect of isolation process on the tensile properties of nanofibre films (2014) <i>BioResources</i> , 9 (4), pp. 7653-7665.	1.32
573.	Marwani, H.M., Lodhi, M.U., Khan, S.B., Asiri, A.M. Cellulose-lanthanum hydroxide nanocomposite as a selective marker for detection of toxic copper (2014) <i>Nanoscale Research Letters</i> , 9 (1), 13 p. Cited 2 times.	2.83
572.	Garza, A.J., Osman, O.I., Wazzan, N.A., Khan, S.B., Asiri, A.M., Scuseria, G.E. Prediction of the linear and nonlinear optical properties of tetrahydronaphthalone derivatives via long-range corrected hybrid functionals (2014) <i>Molecular Physics</i> , 112 (24), pp. 3165-3172. Cited 2 times.	1.87
571.	Azum, N., Rub, M.A., Asiri, A.M. Experimental and theoretical approach to mixed surfactant system of cationic gemini surfactant with nonionic surfactant in aqueous medium (2014) <i>Journal of Molecular Liquids</i> , 196, pp. 14-20. Cited 6 times.	3.64
570.	Azum, N., Rub, M.A., Asiri, A.M., Alamry, K.A., Marwani, H.M. Self-Aggregation of Cationic Dimeric and Anionic Monomeric Surfactants with Nonionic Surfactant in Aqueous Medium (2014) <i>Journal of Dispersion Science and Technology</i> , 35 (3), pp. 358-363. Cited 4 times.	1.59
569.	Li, Q., Xing, Z., Asiri, A.M., Jiang, P., Sun, X. Cobalt phosphide nanoparticles film growth on carbon cloth: A high-performance cathode for electrochemical hydrogen evolution (2014) <i>International Journal of Hydrogen Energy</i> , 39 (30), pp. 16806-16811. Cited 8 times.	3.58
568.	Rub, M.A., Azum, N., Asiri, A.M., Khan, A., Parwaz Khan, A.A., Rahman, M.M., Khan, S.B. Micellization of Amphiphilic Drug with Pharmaceutical Excipients in Aqueous Electrolytic Solution: Composition, Interaction, and Stability of the Aggregates (2014) <i>Journal of Dispersion Science and Technology</i> , 35 (11), pp. 1588-1598. Cited 1 time.	1.59
567.	Georgiev, N.I., Asiri, A.M., Qusti, A.H., Alamry, K.A., Bojinov, V.B. A pH sensitive and selective ratiometric PAMAM wavelength-shifting bichromophoric system based on PET, FRET and ICT (2014) <i>Dyes and Pigments</i> , 102, pp. 35-45. Cited 19 times.	3.47
566.	Azum, N., Rub, M.A., Asiri, A.M. Energetics of clouding phenomenon in amphiphilic drug imipramine hydrochloride with pharmaceutical excipients (2014) <i>Pharmaceutical Chemistry Journal</i> , 48 (3), pp. 201-208. Cited 3 times.	0.44
565.	Xing, Z., Chu, Q., Ren, X., Ge, C., Qusti, A.H., Asiri, A.M., Al-Youbi, A.O., Sun, X. Ni₃S₂ coated ZnO array for high-performance supercapacitors (2014) <i>Journal of Power Sources</i> , 245, pp. 463-467. Cited 35 times.	6.39
564.	Arshad, M.N., Asiri, A.M., Alamry, K.A., Al-Juaied, S.S., Khan, S.B., Bokhari, T.H., Shafiq, M. Crystal structure of 3-chloromethyl-(3-phenyl-oxiranyl)phenyl methanone:	

	New monoclinic polymorph (2014) <i>Asian Journal of Chemistry</i> , 26 (9), pp. 2715-2717.	
563.	Kireeva, N.V., Ovchinnikova, S.I., Tetko, I.V., Asiri, A.M., Balakin, K.V., Tsivadze, A.Y. Nonlinear dimensionality reduction for visualizing toxicity data: Distance-based versus topology-based approaches (2014) <i>ChemMedChem</i> , 9 (5), pp. 1047-1059. Cited 2 times.	3.23
562.	Khan, A., Aslam Parwaz Khan, A., Asiri, A.M., Abdul Rub, M., Azum, N. A new way of synthesis nanohybrid cation-exchanger applicable for membrane electrode (2014) <i>Polymer Composites</i> , 35 (7), pp. 1436-1443. Cited 1 time.	2.32
561.	Abu-Zied, B.M., Hussein, M.A., Asiri, A.M. Development and characterization of the composites based on mesoporous MCM-41 and polyethylene glycol and their properties (2014) <i>Composites Part B: Engineering</i> , 58, pp. 185-192. Cited 2 times.	4.72
560.	Asif, S.A.B., Khan, S.B., Asiri, A.M. Efficient solar photocatalyst based on cobalt oxide/iron oxide composite nanofibers for the detoxification of organic pollutants (2014) <i>Nanoscale Research Letters</i> , 9 (1), 9 p. Cited 2 times.	2.83
559.	Azum, N., Rub, M.A., Asiri, A.M., Khan, A.A.P., Khan, A., Khan, S.B., Rahman, M.M. Modulation of aggregation behaviour of amphiphilic drug and surfactant mixture under the influence of neutral polymer (2014) <i>Asian Journal of Chemistry</i> , 26 (18), pp. 6023-6028.	
558.	Luo, Y., Asiri, A.M., Zhang, X., Yang, G., Du, D., Lin, Y. A magnetic electrochemical immunosensor for the detection of phosphorylated p53 based on enzyme functionalized carbon nanospheres with signal amplification (2014) <i>RSC Advances</i> , 4 (96), pp. 54066-54071.	3.1
557.	Tian, J., Liu, Q., Liang, Y., Xing, Z., Asiri, A.M., Sun, X. FeP nanoparticles film grown on carbon cloth: An ultrahighly active 3D hydrogen evolution cathode in both acidic and neutral solutions (2014) <i>ACS Applied Materials and Interfaces</i> , 6 (23), pp. 20579-20584. Cited 8 times.	7.5
556.	Sivaranjini, T., Periandy, S., Govindarajan, M., Karabacak, M., Asiri, A.M. Spectroscopic (FT-IR, FT-Raman and NMR) and computational studies on 3-methoxyaniline (2014) <i>Journal of Molecular Structure</i> , 1056-1057 (1), pp. 176-188. Cited 4 times.	1.75
555.	Pannipara, M., Asiri, A.M., Alamry, K.A., Salem, I.A., El-Daly, S.A. Spectral behavior and photophysical parameters of (2Z)-3-[4-(dimethylamino) phenyl]-2-(4-fluorophenyl) prop-2-ene-nitrile (DPF) in different media (2014) <i>Journal of Luminescence</i> , 157, pp. 163-171. Cited 2 times.	2.69
554.	Liu, Q., Asiri, A.M., Obaid, A.Y., Sun, X. Polypyrrole-coated membrane filter: A novel binder-free three-dimensional porous electrode for supercapacitors (2014) <i>Current Nanoscience</i> , 10 (5), pp. 705-708.	1.06
553.	Xing, Z., Tian, J., Liu, Q., Asiri, A.M., Jiang, P., Sun, X. Holey graphene nanosheets: Large-scale rapid preparation and their application toward highly-effective water cleaning (2014) <i>Nanoscale</i> , 6 (20), pp. 11659-11663.	7.36
552.	Khan, A.A.P., Khan, A., Asiri, A.M., Azum, N., Rub, M.A., Khan, S.B., Rahman, M.M., Al-Youbi, A.O. Study of the base-catalysed oxidation of the anti-bacterial and anti-protozoal agent metronidazole by permanganate ion in alkaline medium (2014) <i>Research on Chemical Intermediates</i> , 40 (4), pp. 1703-1714.	1.36

551.	Faisal, M., Khan, S.B., Rahman, M.M., Ismail, A.A., Asiri, A.M., Al-Sayari, S.A. Development of efficient chemi-sensor and photo-catalyst based on wet-chemically prepared ZnO nanorods for environmental remediation (2014) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 45 (5), pp. 2733-2741. Cited 3 times.	4.27
550.	Khan, S.B., Rahman, M.M., Marwani, H.M., Asiri, A.M., Alamry, K.A. Exploration of silver oxide nanoparticles as a pointer of lanthanum for environmental applications (2014) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 45 (5), pp. 2770-2776. Cited 1 time.	4.27
549.	Khan, S.A., Asiri, A.M., El-Daly, S.A., Marwani, H.M., Alamry, K.A. Green synthesis, physicochemical and polarity studies of some novel biologically active donor acceptor chromophores (2014) <i>Asian Journal of Chemistry</i> , 26 (21), pp. 7364-7368.	0.35
548.	Rahman, M.M., Khan, S.B., Asiri, A.M. A microchip based fluoride sensor based on the use of CdO doped ferric oxide nanocubes (2014) <i>Microchimica Acta</i> , 182 (3-4), pp. 487-494. Cited 4 times.	4.58
547.	AL-Fahdan, N.S., Asiri, A.M., Irfan, A., Basaif, S.A., El-Shishtawy, R.M. An electro-optical and electron injection study of benzothiazole-based squaraine dyes as efficient dye-sensitized solar cell materials: a first principles study (2014) <i>Journal of Molecular Modeling</i> , 20 (12), 9 p.	1.42
546.	Gnana Sundara Raj, B., Asiri, A.M., Qusti, A.H., Wu, J.J., Anandan, S. Sonochemically synthesized MnO₂ nanoparticles as electrode material for supercapacitors (2014) <i>Ultrasonics Sonochemistry</i> , 21 (6), pp. 1933-1938. Cited 14 times.	4.22
545.	El-Shishtawy, R.M., Asiri, A.M., Aziz, S.G., Elroby, S.A.K. Molecular design of donor-acceptor dyes for efficient dye-sensitized solar cells I: A DFT study (2014) <i>Journal of Molecular Modeling</i> , 20 (6), art. no. 2241, . Cited 3 times.	1.42
544.	Rub, M.A., Kumar, D., Azum, N., Khan, F., Asiri, A.M. Study of the interaction between promazine hydrochloride and surfactant (conventional/gemini) mixtures at different temperatures (2014) <i>Journal of Solution Chemistry</i> , 43 (5), pp. 930-949. Cited 8 times.	1.32
543.	Khan, A., Asiri, A.M., Khan, A.A.P., Rub, M.A., Azum, N., Rahman, M.M., Al-Youbi, A.O., Qusti, A.H. Dual nature, self oxidized poly(o-anisidine) functionalized multiwall carbon nanotubes composite: Preparation, thermal and electrical studies (2014) <i>Composites Part B: Engineering</i> , 58, pp. 451-456. Cited 4 times.	4.72
542.	Zhao, J., Jin, T., Islam, A., Kwon, E., Akhtaruzzaman, M., Asao, N., Han, L., Alamry, K.A., Kosa, S.A., Asiri, A.M., Yamamoto, Y. Thieno[2,3-a]carbazole-based donor-π-acceptor organic dyes for efficient dye-sensitized solar cells (2014) <i>Tetrahedron</i> , (36), pp. 6211-6216. Cited 9 times.	2.65
541.	Tian, J., Liu, Q., Asiri, A.M., Alamry, K.A., Sun, X. Ultrathin graphitic C₃N₄ nanosheets/graphene composites: Efficient organic electrocatalyst for oxygen evolution reaction (2014) <i>ChemSusChem</i> , 7 (8), pp. 2125-2130. Cited 22 times.	7.22
540.	Pu, Z., Liu, Q., Asiri, A.M., Sun, X. Tungsten phosphide nanorod arrays directly grown on carbon cloth: A highly efficient and stable hydrogen evolution cathode at all pH values (2014) <i>ACS Applied Materials and Interfaces</i> , 6 (24), pp. 21874-21879. Cited 10 times.	7.5
539.	Khan, S.B., Chani, M.T.S., Karimov, K.S., Asiri, A.M., Bashir, M., Tariq, R. Humidity and temperature sensing properties of copper oxide-Si-adhesive	4.16

	nanocomposite (2014) <i>Talanta</i> , 120, pp. 443-449. Cited 4 times.	
538.	Rahman, M.M., Khan, S.B., Marwani, H.M., Asiri, A.M. Selective detection of divalent nickel ions based on wet-chemically prepared Cs-doped ZnO nanosheets (2014) <i>Superlattices and Microstructures</i> , 71, pp. 93-104.	2.12
537.	Rahman, M.M., Khan, S.B., Marwani, H.M., Asiri, A.M. SnO₂-TiO₂ nanocomposites as new adsorbent for efficient removal of La(III) ions from aqueous solutions (2014) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 45 (4), pp. 1964-1974. Cited 2 times.	4.27
536.	Khan, S.B., Alamry, K.A., Alyahyawi, N.A., Asiri, A.M., Arshad, M.N., Marwani, H.M. Nanohybrid Based on Antibiotic Encapsulated Layered Double Hydroxide as a Drug Delivery System (2014) <i>Applied Biochemistry and Biotechnology</i> , 175 (3), pp. 1412-1428. Cited 1 time.	1.75
535.	Cheng, N., Jiang, P., Liu, Q., Tian, J., Asiri, A.M., Sun, X. Graphitic carbon nitride nanosheets: One-step, high-yield synthesis and application for Cu²⁺ detection (2014) <i>Analyst</i> , 139 (20), pp. 5065-5068. Cited 9 times.	3.88
534.	Karabacak, M., Kose, E., Atac, A., Asiri, A.M., Kurt, M. Monomeric and dimeric structures analysis and spectroscopic characterization of 3,5-difluorophenylboronic acid with experimental (FT-IR, FT-Raman, ¹H and ¹³C NMR, UV) techniques and quantum chemical calculations (2014) <i>Journal of Molecular Structure</i> , 1058 (1), pp. 79-96. Cited 13 times.	1.7
533.	Ezze Kateb, B.A., Elhag, M.A., Al-Alie, A.A.H., Asiri, A.M., Baseer, M.A. Synthesis and spectroscopic studies of some new oxazole derivatives dyes (2014) <i>International Journal of Pharmaceutical Sciences Review and Research</i> , 26 (2), pp. 162-166.	0.65
532.	Khan, S.B., Rahman, M.M., Asiri, A.M., Asif, S.A.B., Al-Qarni, S.A.S., Al-Sehemi, A.G., Al-Sayari, S.A., Al-Assiri, M.S. Fabrication of non-enzymatic sensor using Co doped ZnO nanoparticles as a marker of H₂O₂ (2014) <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 62, pp. 21-27. Cited 4 times.	2.22
531.	Marwani, H.M., Bakhsh, E.M., Al-Turaif, H.A., Asiri, A.M., Khan, S.B. Enantioselective separation and detection of D-phenylalanine based on newly developed chiral ionic liquid immobilized silica gel surface (2014) <i>International Journal of Electrochemical Science</i> , 9 (12), pp. 7948-7964.	1.47
530.	Ling, X.Y., Yan, R., Lo, S., Hoang, D.T., Liu, C., Fardy, M.A., Khan, S.B., Asiri, A.M., Bawaked, S.M., Yang, P. Alumina-coated Ag nanocrystal monolayers as surfaceenhanced Raman spectroscopy platforms for the direct spectroscopic detection of water splitting reaction intermediates (2014) <i>Nano Research</i> , 7 (1), pp. 132-143. Cited 7 times.	7.35
529.	Manivel, A., Asiri, A.M., Alamry, K.A., Lana-Villarreal, T., Anandan, S. Interfacially synthesized PAni-PMo₁₂ hybrid material for supercapacitor applications (2014) <i>Bulletin of Materials Science</i> , 37 (4), pp. 861-869. Cited 1 time.	0.899
528.	Pu, Z., Liu, Q., Tang, C., Asiri, A.M., Sun, X. Ni₂P nanoparticle films supported on a Ti plate as an efficient hydrogen evolution cathode (2014) <i>Nanoscale</i> , 6 (19), pp. 11031-11034. Cited 24 times.	7.36
527.	Faidallah, H.M., Saqer, A.A., Alamry, K.A., Khan, K.A., Asiri, A.M. Synthesis and biological evaluation of some novel tetrahydroquinolines as	4.29

	anticancer and antimicrobial agents (2014) <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 29 (3), pp. 367-378. Cited 2 times.	
526.	Lauterbach, T., Asiri, A.M., Hashmi, A.S.K. Organometallic intermediates of gold catalysis (2014) <i>Advances in Organometallic Chemistry</i> , 62, pp. 261-297. Cited 1 time.	5.46
525.	Azum, N., Rub, M.A., Asiri, A.M., Marwani, H.M. Study of the interactions in dicationic gemini-anionic conventional mixed surfactant systems in the viewpoint of regular solution theory (2014) <i>Journal of Molecular Liquids</i> , 197, pp. 339-345. Cited 2 times.	3.64
524.	Liu, Q., Pu, Z., Asiri, A.M., Al-Youbi, A.O., Sun, X. Polydopamine nanospheres: A biopolymer-based fluorescent sensing platform for DNA detection (2014) <i>Sensors and Actuators, B: Chemical</i> , 191, pp. 567-571. Cited 9 times.	5.4
523.	Qian, Q., Vogt, C., Mokhtar, M., Asiri, A.M., Al-Thabaiti, S.A., Basahel, S.N., Ruiz-Martínez, J., Weckhuysen, B.M. Combined operando UV/Vis/IR spectroscopy reveals the role of methoxy and aromatic species during the methanol-to-olefins reaction over H-SAPO-34 (2014) <i>ChemCatChem</i> , 6 (12), pp. 3396-3408. Cited 1 time.	4.8
522.	Rub, M.A., Khan, J.M., Asiri, A.M., Khan, R.H., Kabir-Ud-Din Study on the interaction between amphiphilic drug and bovine serum albumin: A thermodynamic and spectroscopic description (2014) <i>Journal of Luminescence</i> , 155, pp. 39-46. Cited 5 times.	2.68
521.	Asiri, A.M., Marwani, H.M., Khan, S.A. Spectroscopic investigation of novel donor-acceptor chromophores as specific application agents for opto-electronics and photonics (2014) <i>Journal of Saudi Chemical Society</i> , 18 (5), pp. 392-397. Cited 2 times.	2.88
520.	El-Shishtawy, R.M., Elroby, S.A., Asiri, A.M., Hilal, R.H. Pyran-squaraine as photosensitizers for dye-sensitized solar cells: DFT/TDDFT study of the electronic structures and absorption properties (2014) <i>International Journal of Photoenergy</i> , 2014, art. no. 136893, .	1.28
519.	Rahman, M.M., Khan, S.B., Marwani, H.M., Asiri, A.M. A SnO₂-Sb₂O₃ nanocomposite for selective adsorption of lead ions from water samples prior to their determination by ICP-OES (2014) <i>Microchimica Acta</i> , 182 (3-4), pp. 579-588. Cited 1 time.	4.58
518.	Azum, N., Rub, M.A., Khan, S.B., Asiri, A.M., Khan, A.A.P., Khan, A., Rahman, M.M. Complexation behavior of mixed monolayer/mixed micelle formation between cationic noble surfactant-nonionic conventional surfactant in the presence of biocompatible polymer (2014) <i>Journal of Molecular Liquids</i> , 199, pp. 495-500.	3.64
517.	Jassas, R.S., Asiri, A.M., Arshad, M.N., Zayed, M.E.M., Mustafa, G. Crystal structure of 1-benzoyl-3-(4-fluorophenyl)thiourea (2014) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 70 (9), p. o1023.	0.33
516.	Cui, W., Cheng, N., Liu, Q., Ge, C., Asiri, A.M., Sun, X. Mo₂C nanoparticles decorated graphitic carbon sheets: Biopolymer-derived solid-state synthesis and application as an efficient electrocatalyst for hydrogen generation (2014) <i>ACS Catalysis</i> , 4 (8), pp. 2658-2661. Cited 24 times.	10.6
515.	Rub, M.A., Asiri, A.M., Sheikh, M.S., Azum, N., Khan, A., Khan, A.A.P., Rahman, M.M., Kabir-Ud-din, K. Aggregation and phase separation phenomenon of amitriptyline hydrochloride under the influence of pharmaceutical excipients (2014) <i>Journal of Surfactants and Detergents</i> , 17 (1), pp. 37-48.	1.45

514.	Khan, S.B., Lee, J.-W., Marwani, H.M., Akhtar, K., Asiri, A.M., Seo, J., Khan, A.A.P., Han, H. Polybenzimidazole hybrid membranes as a selective adsorbent of mercury (2014) <i>Composites Part B: Engineering</i> , 56, pp. 392-396. Cited 9 times.	4.73
513.	Al-Sehemi, A.G., Irfan, A., Asiri, A.M. Red and yellow color aspects of compound 3-dicyclopropylmethylene-5-dicyanomethylene-4-diphenylmethylenetetrahydrofuran-2-one: Chromism effect (2014) <i>Chinese Chemical Letters</i> , 25 (4), pp. 609-612. Cited 5 times.	1.93
512.	Khan, A., Khan, A.A.P., Asiri, A.M., Rub, M.A., Rahman, M.M., Ghani, S.A. In vitro studies of carbon fiber microbiosensor for dopamine neurotransmitter supported by copper-graphene oxide composite (2014) <i>Microchimica Acta</i> , 181 (9-10), pp. 1049-1057. Cited 5 times.	4.58
511.	Khan, A.A.P., Khan, A., Asiri, A.M., Azum, N., Rub, M.A. Micro concentrations of Ru(III) used as homogenous catalyst in the oxidation of levothyroxine by N-bromosuccinimide and the mechanistic pathway (2014) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 45 (1), pp. 127-133. Cited 5 times.	4.2
510.	Shah, S.M., Shah, A.-U.-H.A., Ullah, F., Hussain, S., Khan, S.B., Asiri, A.M., Ahmad, S., Khan, H., Farooq, U. A new trypsin inhibitory phthalic acid ester from Heliotropium strigosum (2014) <i>Medicinal Chemistry Research</i> , 23 (6), pp. 2712-2714.	1.2
509.	Marwani, H.M., Asiri, A.M., Khan, S.A. Spectrophotometric and spectrofluorimetric studies of novel heterocyclic Schiff base dyes (2014) <i>Arabian Journal of Chemistry</i> , 7 (5), pp. 609-614.	4.55
508.	Pannipara, M., Asiri, A.M., Alamry, K.A., Arshad, M.N., El-Daly, S.A. Spectroscopic investigation, effect of solvent polarity and fluorescence quenching of a new D-π-A type chalcone derivative (2014) <i>Journal of Fluorescence</i> , 24 (6), pp. 1629-1638. Cited 2 times.	1.46
507.	Qin, X., Li, Q., Asiri, A.M., Al-Youbi, A.O., Sun, X. One-pot synthesis of Au nanoparticles/reduced graphene oxide nanocomposites and their application for electrochemical H₂O₂, glucose, and hydrazine sensing (2014) <i>Gold Bulletin</i> , 47 (1-2), pp. 3-8. Cited 4 times.	1.63
506.	Rub, M.A., Azum, N., Kumar, D., Asiri, A.M., Marwani, H.M. Micellization and microstructural studies between amphiphilic drug ibuprofen with non-ionic surfactant in aqueous urea solution (2014) <i>Journal of Chemical Thermodynamics</i> , 74, pp. 91-102. Cited 10 times.	2.72
505.	Tian, J., Liu, Q., Cheng, N., Asiri, A.M., Sun, X. Self-supported Cu₃P nanowire arrays as an integrated high-performance three-dimensional cathode for generating hydrogen from water (2014) <i>Angewandte Chemie - International Edition</i> , 53 (36), pp. 9577-9581. Cited 52 times.	11.99
504.	Jassas, R.S., El-Daly, S.A., Asiri, A.M., Khan, S.A. Excitation energy transfer from rhodamine 6G to photochromic fulgide (2014) <i>Asian Journal of Chemistry</i> , 26 (23), pp. 8229-8233.	0.35
503.	Khan, S.A., Asiri, A.M. Selective reduction of α,β-unsaturated steroidal carbonyl compounds by NaBH₄ in presence of guanidine hydrochloride in dioxane (2014) <i>Asian Journal of Chemistry</i> , 26 (19), pp. 6331-6334.	0.35
502.	Rahman, M.M., Khan, S.B., Alamry, K.A., Marwani, H.M., Asiri, A.M. Detection of trivalent-iron based on low-dimensional semiconductor metal oxide nanostructures for environmental remediation by ICP-OES technique (2014) <i>Ceramics International</i> , 40 (6), pp. 8445-8453. Cited 1 time.	2.97

501.	Rahman, M.M., Khan, S.B., Asiri, A.M. Smart methanol sensor based on silver oxide-doped zinc oxide nanoparticles deposited on microchips (2014) <i>Microchimica Acta</i> , 181 (5-6), pp. 553-563. Cited 2 times.	4.58
500.	Liu, Q., Asiri, A.M., Sun, X. Hematite nanorods array on carbon cloth as an efficient 3D oxygen evolution anode (2014) <i>Electrochemistry Communications</i> , 49, pp. 21-24. Cited 3 times.	4.396
499.	Karabacak, M., Asiri, A.M., Al-Youbi, A.O., Qusti, A.H., Cinar, M. Identification of structural and spectral features of synthesized cyano-stilbene dye derivatives: A comparative experimental and DFT study (2014) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 120, pp. 144-150. Cited 2 times.	2.536
498.	Lv, Y., Wu, Z., Fang, Y., Qian, X., Asiri, A.M., Tu, B., Zhao, D. Hierarchical mesoporous/microporous carbon with graphitized frameworks for high-performance lithium-ion batteries (2014) <i>APL Materials</i> , 2 (11), art. no. 113302, .	4.335
497.	Hussein, M.A., Abu-Zied, B.M., Asiri, A.M. Preparation, characterization, and electrical properties of ZSM-5/PEG composite particles (2014) <i>Polymer Composites</i> , 35 (6), pp. 1160-1168. Cited 4 times.	2.324
496.	Blatova, O.A., Asiri, A.M., Al-Amshany, Z.M., Arshad, M.N., Blatov, V.A. Molecular packings and specific-bonding patterns in sulfonamides (2014) <i>New Journal of Chemistry</i> , 38 (9), pp. 4099-4106. Cited 4 times.	3.269
495.	Khaybullin, R.N., Panda, S.S., Mirzai, S., Toneff, E., Asiri, A.M., Hall, C.D., Katritzky, A.R. Arginine thioacid in synthesis of arginine conjugates and peptides (2014) <i>RSC Advances</i> , 4 (98), pp. 55210-55216.	3.108
494.	Panda, S.S., Naumov, R.N., Asiri, A.M., Katritzky, A.R. Microwave-assisted synthesis of biotin conjugates with quinolone antibiotics via amino acids (2014) <i>Synthesis (Germany)</i> , 46 (11), art. no. SS-2014-M0006-OP, pp. 1511-1517. Cited 1 time.	2.650
493.	Alduhaish, O., Li, B., Nesterov, V., Arman, H.D., Alfooty, K., Asiri, A.M., Wang, H., Chen, B. Two structurally different praseodymium-organic frameworks with permanent porosity (2014) <i>Inorganic Chemistry Communications</i> , 45, pp. 89-92.	1.64
492.	Asiri, A.M., Heller, H.G., Hughes, D.S., Hursthouse, M.B., Kendrick, J., Leusen, F.J.J., Montis, R. A mechanophysical phase transition provides a dramatic example of colour polymorphism: The tribochromism of a substituted tri(methylene) tetrahydrofuran-2-one (2014) <i>Chemistry Central Journal</i> , 8 (1), art. no. 70, .	2.442
491.	Kakroodi, A.R., Cheng, S., Sain, M., Asiri, A. Mechanical, thermal, and morphological properties of nanocomposites based on polyvinyl alcohol and cellulose nanofiber from Aloe vera rind (2014) <i>Journal of Nanomaterials</i> , 2014, art. no. 903498, . Cited 6 times.	1.871
490.	Sinha, L., Prasad, O., Karabacak, M., Mishra, H.N., Narayan, V., Asiri, A.M. Quantum-chemical (DFT, MP2) and spectroscopic studies (FT-IR and UV) of monomeric and dimeric structures of 2(3H)-Benzothiazolone (2014) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 120, pp. 126-136. Cited 3 times.	2.536
489.	Pu, Z., Liu, Q., Asiri, A.M., Sun, X. Ni nanoparticles-graphene hybrid film: One-step electrodeposition preparation	2.235

	and application as highly efficient oxygen evolution reaction electrocatalyst (2014) <i>Journal of Applied Electrochemistry</i> , 44 (11), pp. 1165-1170. Cited 2 times.	
488.	Ge, X., Asiri, A.M., Du, D., Wen, W., Wang, S., Lin, Y. Nanomaterial-enhanced paper-based biosensors (2014) <i>TrAC - Trends in Analytical Chemistry</i> , 58, pp. 31-39. Cited 12 times.	8.442
487.	Chani, M.T.S., Asiri, A.M., Karimov, K.S., Bashir, M., Khan, S.B., Rahman, M.M. Carbon nanotubes-silicon nanocomposites based resistive temperature sensors (2014) <i>International Journal of Electrochemical Science</i> , 10 (5), pp. 3784-3791.	1.469
486.	Abu-Zied, B.M., Asiri, A.M. Synthesis of Dy²⁺ nanoparticles via hydroxide precipitation: Effect of calcination temperature (2014) <i>Journal of Rare Earths</i> , 32 (3), pp. 259-264. Cited 1 time.	2.429
485.	Rub, M.A., Asiri, A.M., Naqvi, A.Z., Khan, A., Khan, A.A.P., Kabir-Ud-Din Interaction of amphiphilic drug imipramine hydrochloride with gemini surfactants at different temperatures (2014) <i>Journal of Molecular Liquids</i> , 194, pp. 234-240. Cited 2 times.	3.648
484.	Dimov, S.M., Georgiev, N.I., Asiri, A.M., Bojinov, V.B. Synthesis and sensor activity of a PET-based 1,8-naphthalimide Probe for Zn²⁺ and pH determination (2014) <i>Journal of Fluorescence</i> , 24 (6), pp. 1621-1628. Cited 3 times.	1.461
483.	Rub, M.A., Asiri, A.M., Khan, J.M., Khan, F., Khan, R.H., Kabir-ud-Din A study of interaction between antidepressant drug nortriptyline hydrochloride with gelatin (2014) <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 45 (5), pp. 2068-2074. Cited 5 times.	4.217
482.	Muthu, S., Rajamani, T., Karabacak, M., Asiri, A.M. Vibrational and UV spectra, first order hyperpolarizability, NBO and HOMO-LUMO analysis of 4-chloro-N-(2-methyl-2,3-dihydroindol-1-yl)-3-sulfamoyl-benzamide (2014) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 122, pp. 1-14. Cited 5 times.	2.536
481.	Georgiev, N.I., Asiri, A.M., Qusti, A.H., Alamry, K.A., Bojinov, V.B. Design and synthesis of pH-selective fluorescence sensing PAMAM light-harvesting dendrons based on 1,8-naphthalimides (2014) <i>Sensors and Actuators, B: Chemical</i> , 190, pp. 185-198. Cited 22 times.	5.401
480.	Rahman, M.M., Asiri, A.M., Khan, S.B. Detection of antiemetic drug based on semiconductor metal oxide nanostructures onto micro-chips by electrochemical approach (2014) <i>International Journal of Electrochemical Science</i> , 9 (12), pp. 6896-6909. Cited 1 time.	1.469
479.	Sahu, S., Panda, S.S., Asiri, A.M., Katritzky, A.R. NSAID conjugates with carnosine and amino acids (2013) <i>Synthesis (Germany)</i> , 45 (24), art. no. SS-2013-M0615-OP, pp. 3369-3374. Cited 1 time.	2.650
478.	Chani, M.T.S., Karimov, K.S., Khan, S.B., Asiri, A.M., Saleem, M., Mehran Bashir, M. Fe₂O₃-silicone adhesive composite based humidity sensors (2013) <i>Optoelectronics and Advanced Materials, Rapid Communications</i> , 7 (11-12), pp. 861-865. Cited 1 time.	0.47
477.	Tian, J., Liu, Q., Asiri, A.M., Qusti, A.H., Al-Youbi, A.O., Sun, X. Ultrathin graphitic carbon nitride nanosheets: A novel peroxidase mimetic, Fe doping-mediated catalytic performance enhancement and application to rapid, highly sensitive optical detection of glucose (2013) <i>Nanoscale</i> , 5 (23), pp. 11604-11609. Cited 40 times.	7.367
476.	Arshad, M.N., Şahin, O., Zia-Ur-Rehman, M., Shafiq, M., Khan, I.U., Asiri, A.M., Khan, S.B., Alamry, K.A.	0.549

	Crystallographic studies of dehydration phenomenon in methyl 3-hydroxy-2-methyl-1,1,4-trioxo-1,2,3,4-tetrahydro-1λ 6-benzo[e][1,2]thiazine-3-carboxylate (2013) <i>Journal of Chemical Crystallography</i> , 43 (12), pp. 671-676. Cited 2 times.	
475.	Faidallah, H.M., Al-Shaikh, K.M.A., Sobahi, T.R., Khan, K.A., Asiri, A.M. An efficient approach to the synthesis of highly congested 9,10-dihydrophenanthrene-2,4-dicarbonitriles and their biological evaluation as antimicrobial agents (2013) <i>Molecules</i> , 18 (12), pp. 15704-15716. Cited 1 time.	2.861
474.	Rub, M.A., Asiri, A.M., Azum, N., Khan, A., Khan, A.A.P., Khan, S.B., Rahman, M.M., Kabir-ud-Din Amphiphilic antidepressant drug amitriptyline hydrochloride under the influence of ionic and nonionic hydrotropes; micellization and phase separation (2013) <i>Journal of Industrial and Engineering Chemistry</i> , 19 (6), pp. 1774-1780. Cited 15 times.	4.421
473.	Lu, S., Jin, T., Yasuda, T., Si, W., Oniwa, K., Alamry, K.A., Kosa, S.A., Asiri, A.M., Han, L., Yamamoto, Y. Deuterium isotope effect on bulk heterojunction solar cells. Enhancement of organic photovoltaic performances using monobenzyl substituted deuteriofullerene acceptors (2013) <i>Organic Letters</i> , 15 (22), pp. 5674-5677. Cited 3 times.	6.579
472.	Khan, S.B., Rahman, M.M., Marwani, H.M., Asiri, A.M., Alamry, K.A. An assessment of zinc oxide nanosheets as a selective adsorbent for cadmium (2013) <i>Nanoscale Research Letters</i> , 8 (1), pp. 1-8. Cited 4 times.	2.833
471.	Asiri, A.M., Khan, S.B., Rahman, M.M., Al-Sehemi, A.G., Al-Sayari, S.A., Al-Assiri, M.S. Green material: Ecological importance of imperative and sensitive chemi-sensor based on Ag/Ag₂O₃/ZnO composite nanorods (2013) <i>Nanoscale Research Letters</i> , 8 (1), pp. 1-8.	2.833
470.	Tian, J., Xing, Z., Chu, Q., Liu, Q., Asiri, A.M., Qusti, A.H., Al-Youbi, A.O., Sun, X. PH-driven dissolution-precipitation: A novel route toward ultrathin Ni(OH)₂ nanosheets array on nickel foam as binder-free anode for Li-ion batteries with ultrahigh capacity (2013) <i>CrystEngComm</i> , 15 (41), pp. 8300-8305. Cited 13 times.	3.474
469.	Georgiev, N.I., Bryaskova, R., Tzoneva, R., Ugrinova, I., Detrembleur, C., Miloshev, S., Asiri, A.M., Qusti, A.H., Bojinov, V.B. A novel pH sensitive water soluble fluorescent nanomicellar sensor for potential biomedical applications (2013) <i>Bioorganic and Medicinal Chemistry</i> , 21 (21), pp. 6292-6302. Cited 23 times.	2.930
468.	Asiri, A.M., Marwani, H.M., Khan, S.A., El-Daly, S.A. Investigation of spectroscopic behaviors of newly synthesized (2E)-3-(3,4-dimethoxyphenyl)-1-(2,5-dimethylthiophen-3-yl)prop-2-en-1-one (DDTP) dye (2013) <i>Journal of Fluorescence</i> , 23 (6), pp. 1271-1278. Cited 2 times.	1.461
467.	Liu, Q., Pu, Z., Asiri, A.M., Qusti, A.H., Al-Youbi, A.O., Sun, X. One-step solvothermal synthesis of MoS₂/TiO₂ nanocomposites with enhanced photocatalytic H₂ production (2013) <i>Journal of Nanoparticle Research</i> , 15 (11), . Cited 3 times.	2.02
466.	Rub, M.A., Asiri, A.M., Azum, N., Khan, A., Khan, A.A.P., Khan, S.B., Rahman, M.M., Kabir-Ud-Din Aggregation and phase separation behavior of an amphiphilic drug promazine hydrochloride under the influence of inorganic salts and ureas (2013) <i>Thermochimica Acta</i> , 574, pp. 26-37. Cited 6 times.	2.236

465.	Chani, M.T.S., Asiri, A.M., Karimov, K.S., Niaz, A.K., Khan, S.B., Alamry, K.A. Aluminium phthalocyanine chloride thin films for temperature sensing (2013) <i>Chinese Physics B</i> , 22 (11), art. no. 118101, . Cited 4 times.	1.223
464.	Khan, S.A., Asiri, A.M., Khan, A.A.P., Khan, K.A., Zayed, M.A.M. Synthesis of novel schiff bases by microwave irradiation and their in vitro antibacterial activity (2013) <i>Asian Journal of Chemistry</i> , 25 (15), pp. 8643-8646. Cited 3 times.	0.355
463.	Lee, J.-W., Khan, S.B., Marwani, H.M., Akhtar, K., Asiri, A.M., Chani, M.T.S., Seo, J., Han, H. Development of composite membranes as selective adsorbent for Yttrium ion (2013) <i>International Journal of Electrochemical Science</i> , 8 (10), pp. 12028-12036. Cited 2 times.	1.469
462.	Ning, R., Tian, J., Asiri, A.M., Qusti, A.H., Al-Youbi, A.O., Sun, X. Spinel CuCo₂O₄ nanoparticles supported on n-doped reduced graphene oxide: A highly active and stable hybrid electrocatalyst for the oxygen reduction reaction (2013) <i>Langmuir</i> , 29 (43), pp. 13146-13151. Cited 27 times.	3.833
461.	Karabacak, M., Sinha, L., Prasad, O., Asiri, A.M., Cinar, M. An experimental and theoretical investigation of Acenaphthene-5-boronic acid: Conformational study, NBO and NLO analysis, molecular structure and FT-IR, FT-Raman, NMR and UV spectra (2013) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 115, pp. 753-766. Cited 10 times.	2.536
460.	Garza, A.J., Osman, O.I., Wazzan, N.A., Khan, S.B., Scuseria, G.E., Asiri, A.M. Photochromic and nonlinear optical properties of fulgides: A density functional theory study (2013) <i>Computational and Theoretical Chemistry</i> , 1022, pp. 82-85. Cited 7 times.	1.549
459.	Khan, I.U., Arshad, M.N., Şahin, O., Mubashar-Ur-Rehman, H., Munir, A., Humayun, S., Asiri, A.M. Facile synthesis and crystal structures of new ammonium sulfonates (CA-DNBS and TEA-TMBS) (2013) <i>Jiegou Huaxue</i> , 32 (10), pp. 1465-1474.	0.583
458.	Liu, Q., Pu, Z., Tang, C., Asiri, A.M., Qusti, A.H., Al-Youbi, A.O., Sun, X. N-doped carbon nanotubes from functional tubular polypyrrole: A highly efficient electrocatalyst for oxygen reduction reaction (2013) <i>Electrochemistry Communications</i> , 36, pp. 57-61. Cited 12 times.	4.396
457.	Khan, K.A., Faidallah, H.M., Asiri, A.M. Synthesis and biological evaluation of new N,N'-bis(1-substituted- ethylidene)-ethane-1,2-diamine and their acetyl and trifluoroacetyl derivatives as cytotoxic and antimicrobial agents (2013) <i>Journal of Chemistry</i> , art. no. 478635, .	1.3
456.	Tian, J., Liu, Q., Ge, C., Xing, Z., Asiri, A.M., Al-Youbi, A.O., Sun, X. Ultrathin graphitic carbon nitride nanosheets: A low-cost, green, and highly efficient electrocatalyst toward the reduction of hydrogen peroxide and its glucose biosensing application (2013) <i>Nanoscale</i> , 5 (19), pp. 8921-8924. Cited 57 times.	7.367
455.	Kose, E., Atac, A., Karabacak, M., Nagabalasubramanian, P.B., Asiri, A.M., Periandy, S. FT-IR and FT-Raman, NMR and UV spectroscopic investigation and hybrid computational (HF and DFT) analysis on the molecular structure of mesitylene (2013) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 116, pp. 622-634. Cited 1 time.	2.536
454.	Rahman, M.M., Khan, S.B., Asiri, A.M., Al-Sehemi, A.G. Chemical sensor development based on polycrystalline gold electrode embedded low-dimensional Ag₂O nanoparticles (2013) <i>Electrochimica Acta</i> , 112, pp. 422-430. Cited 10 times.	4.798

453.	Wu, C.H., Hahn, C., Khan, S.B., Asiri, A.M., Bawaked, S.M., Yang, P. Ta3N5 nanowire bundles as visible-light-responsive photoanodes (2013) <i>Chemistry - An Asian Journal</i> , 8 (10), pp. 2354-2357. Cited 5 times.	4.083
452.	Yang, Y., Asiri, A.M., Tang, Z., Du, D., Lin, Y. Graphene based materials for biomedical applications (2013) <i>Materials Today</i> , 16 (10), pp. 365-373. Cited 45 times.	21.695
451.	Khan, S.B., Rahman, M.M., Marwani, H.M., Asiri, A.M., Alamry, K.A., Rub, M.A. Selective adsorption and determination of iron(III): Mn3O4/TiO2 composite nanosheets as marker of iron for environmental applications (2013) <i>Applied Surface Science</i> , 282, pp. 46-51. Cited 5 times.	3.387
450.	Chu, Q., Xing, Z., Ren, X., Asiri, A.M., Al-Youbi, A.O., Alamry, K.A., Sun, X. Reduced graphene oxide decorated with FeF3 nanoparticles: Facile synthesis and application as a high capacity cathode material for rechargeable lithium batteries (2013) <i>Electrochimica Acta</i> , 111, pp. 80-85. Cited 15 times.	4.798
449.	Asiri, A.M., Baghlaf, A.O., Abdel-Rahman, R.M., Khan, S.A., Ishaq, M. Synthesis and spectroscopic studies of Ru(II) complexes of 1,2,4-triazoles, 1,2,4-triazines and pyrimidine derivatives (2013) <i>Asian Journal of Chemistry</i> , 25 (14), pp. 7779-7782. Cited 5 times.	0.355
448.	Rub, M.A., Asiri, A.M., Azum, N., Khan, A., Khan, A.A.P., Kabir-Ud-din Clouding behavior of amphiphilic drug clomipramine hydrochloride with pharmaceutical excipients (2013) <i>Tenside, Surfactants, Detergents</i> , 50 (5), pp. 376-384. Cited 5 times.	0.869
447.	Khan, S.B., Rahman, M.M., Asiri, A.M., Marwani, H.M., Bawaked, S.M., Alamry, K.A. Co3O4 co-doped TiO2 nanoparticles as a selective marker of lead in aqueous solution (2013) <i>New Journal of Chemistry</i> , 37 (9), pp. 2888-2893. Cited 6 times.	3.269
446.	Abu-Zied, B.M., Farrag, A.A.A., Asiri, A.M. Preparation of caesium-substituted phosphomolybdic acid via solid-state ion exchange method (2013) <i>Powder Technology</i> , 246, pp. 643-649. Cited 2 times.	2.942
445.	Teng, W., Wu, Z., Fan, J., Chen, H., Feng, D., Lv, Y., Wang, J., Asiri, A.M., Zhao, D. Ordered mesoporous carbons and their corresponding column for highly efficient removal of microcystin-LR (2013) <i>Energy and Environmental Science</i> , 6 (9), pp. 2765-2776. Cited 11 times.	29.518
444.	El-Hallag, I.S., Asiri, A.M., El-Mossalamy, E.H. Data analysis and evaluation of the electrochemical parameters for the et process via convolutive voltammetry and digital simulation (2013) <i>Journal of the Chilean Chemical Society</i> , 58 (3), pp. 1921-1925.	0.422
443.	Liu, Y., Deng, Y., Sun, Z., Wei, J., Zheng, G., Asiri, A.M., Khan, S.B., Rahman, M.M., Zhao, D. Hierarchical Cu2S microsponges constructed from nanosheets for efficient photocatalysis (2013) <i>Small</i> , 9 (16), pp. 2702-2708. Cited 16 times.	8.643
442.	Tian, J., Li, H., Asiri, A.M., Al-Youbi, A.O., Sun, X. Photoassisted preparation of cobalt phosphate/graphene oxide composites: A novel oxygen-evolving catalyst with high efficiency (2013) <i>Small</i> , 9 (16), pp. 2709-2714. Cited 13 times.	8.643
441.	Asiri, A.M., Alamry, K.A., Hussein, M.A. Effect of annealing on photochromic performance of (E)-dicyclopropylmethylene-(2, 5-dimethyl-3-furylethylidene)-succinicanhydride doped in polyacrylic acid thin film (2013) <i>Pigment and Resin Technology</i> , 42 (3), pp. 202-207.	0.670
440.	Qian, Q., Ruiz-Martínez, J., Mokhtar, M., Asiri, A.M., Al-Thabaiti, S.A., Basahel, S.N., Van Der Bij, H.E., Kornatowski, J., Weckhuysen, B.M.	5.317

	Single-particle spectroscopy on large SAPO-34 crystals at work: Methanol-to-olefin versus ethanol-to-olefin processes (2013) <i>Chemistry - A European Journal</i> , 19 (34), pp. 11204-11215. Cited 6 times.	
439.	Cheng, N., Tian, J., Liu, Q., Ge, C., Qusti, A.H., Asiri, A.M., Al-Youbi, A.O., Sun, X. Au-nanoparticle-loaded graphitic carbon nitride nanosheets: Green photocatalytic synthesis and application toward the degradation of organic pollutants (2013) <i>ACS Applied Materials and Interfaces</i> , 5 (15), pp. 6815-6819. Cited 74 times.	7.504
438.	Pu, Z., Liu, Q., Qusti, A.H., Asiri, A.M., Al-Youbi, A.O., Sun, X. Fabrication of Ni(OH)₂coated ZnO array for high- ratepseudocapacitive energy storage (2013) <i>Electrochimica Acta</i> , 109, pp. 252-255. Cited 12 times.	4.798
437.	Rub, M.A., Asiri, A.M., Khan, J.M., Khan, R.H., Kabir-Ud Din Interaction of gelatin with promethazine hydrochloride: Conductimetry, tensiometry and circular dichroism studies (2013) <i>Journal of Molecular Structure</i> , 1050, pp. 35-42. Cited 9 times.	1.753
436.	Braun, I., Asiri, A.M., Hashmi, A.S.K. Gold catalysis 2.0 (2013) <i>ACS Catalysis</i> , 3 (8), pp. 1902-1907. Cited 49 times.	10.614
435.	Azum, N., Rub, M.A., Asiri, A.M., Khan, A.A.P., Khan, A., Khan, S.B., Rahman, M.M., Al-Youbi, A.O. Interaction of the amphiphilic drug amitriptyline hydrochloride with gemini and conventional surfactants: A physicochemical approach (2013) <i>Journal of Solution Chemistry</i> , 42 (7), pp. 1532-1544. Cited 7 times.	1.342
434.	Asiri, A.M., Hussein, M.A., Abu-Zied, B.M., Hermas, A.-E.A. Effect of NiLaxFe₂-xO₄ nanoparticles on the thermal and coating properties of epoxy resin composites (2013) <i>Composites Part B: Engineering</i> , 51, pp. 11-18. Cited 7 times.	4.727
433.	Garza, A.J., Osman, O.I., Scuseria, G.E., Wazzan, N.A., Khan, S.B., Asiri, A.M. Nonlinear optical properties of DPO and DMPO: A theoretical and computational study (2013) <i>Theoretical Chemistry Accounts</i> , 132 (9), . Cited 7 times.	1.89
432.	Garza, A., Scuseria, G., Khan, S., Asiri, A. Erratum: Assessment of long-range corrected functionals for the prediction of non-linear optical properties of organic materials (Chemical Physics Letters (2013) 575 (122-125)) (2013) <i>Chemical Physics Letters</i> , 579, p. 137.	1.815
431.	Hu, B., Qin, X., Asiri, A.M., Alamry, K.A., Al-Youbi, A.O., Sun, X. Fabrication of Ni(OH)₂ nanoflakes array on Ni foam as a binder-free electrode material for high performance supercapacitors (2013) <i>Electrochimica Acta</i> , 107, pp. 339-342. Cited 19 times.	4.798
430.	Naveenraj, S., Solomon, R.V., Venuvanalingam, P., Asiri, A.M., Anandan, S. Interaction between toxic azo dye C.I. Acid Red 88 and serum albumins (2013) <i>Journal of Luminescence</i> , 143, pp. 715-722. Cited 3 times.	2.686
429.	Qian, X., Xiong, D., Asiri, A.M., Khan, S.B., Rahman, M.M., Xu, H., Zhao, D. A facile route to cage-like mesoporous silica coated ZSM-5 combined with Pt immobilization (2013) <i>Journal of Materials Chemistry A</i> , 1 (25), pp. 7525-7532. Cited 11 times.	6.626
428.	Xing, Z., Chu, Q., Ren, X., Tian, J., Asiri, A.M., Alamry, K.A., Al-Youbi, A.O., Sun, X. Biomolecule-assisted synthesis of nickel sulfides/reduced graphene oxide nanocomposites as electrode materials for supercapacitors (2013) <i>Electrochemistry Communications</i> , 32, pp. 9-13. Cited 13 times.	4.396
427.	Khan, S.B., Alamry, K.A., Marwani, H.M., Asiri, A.M., Rahman, M.M. Synthesis and environmental applications of cellulose/ZrO₂ nanohybrid as a	4.727

	selective adsorbent for nickel ion (2013) <i>Composites Part B: Engineering</i> , 50, pp. 253-258. Cited 16 times.	
426.	Abu-Zied, B.M., Mohamed, Y.A., Asiri, A.M. Fabrication, characterization, and electrical conductivity properties of Pr6O11 nanoparticles (2013) <i>Journal of Rare Earths</i> , 31 (7), pp. 701-708. Cited 5 times.	2.429
425.	Ahmad, T., Wani, I.A., Manzoor, N., Ahmed, J., Asiri, A.M. Biosynthesis, structural characterization and antimicrobial activity of gold and silver nanoparticles (2013) <i>Colloids and Surfaces B: Biointerfaces</i> , 107, pp. 227-234. Cited 30 times.	3.887
424.	Khan, A.A.P., Asiri, A.M., Khan, A., Azum, N., Rub, M.A., Rahman, M.M., Khan, S.B. Effect of anionic surfactant sodium dodecyl sulfate on the reaction of hexacyanoferrate(III) oxidation of levothyroxine in aqueous medium: A kinetic and mechanistic approach (2013) <i>Research on Chemical Intermediates</i> , 39 (6), pp. 2379-2389. Cited 1 time.	1.369
423.	Biswas, S., Avan, I., Basak, A.K., Abo-Dya, N.E., Asiri, A., Katritzky, A.R. Photophysics of novel coumarin-labeled depsipeptides in solution: Sensing interactions with SDS micelle via TICT model (2013) <i>Amino Acids</i> , 45 (1), pp. 159-170. Cited 2 times.	3.173
422.	Hu, B., Qin, X., Asiri, A.M., Alamry, K.A., Al-Youbi, A.O., Sun, X. Synthesis of porous tubular C/MoS2 nanocomposites and their application as a novel electrode material for supercapacitors with excellent cycling stability (2013) <i>Electrochimica Acta</i> , 100, pp. 24-28. Cited 24 times.	4.798
421.	Rahman, M.M., Khan, S.B., Asiri, A.M., Marwani, H.M., Qusti, A.H. Selective detection of toxic Pb(II) ions based on wet-chemically prepared nanosheets integrated CuO-ZnO nanocomposites (2013) <i>Composites Part B: Engineering</i> , 54 (1), pp. 215-223. Cited 15 times.	4.727
420.	Garza, A.J., Scuseria, G.E., Khan, S.B., Asiri, A.M. Assessment of long-range corrected functionals for the prediction of non-linear optical properties of organic materials (2013) <i>Chemical Physics Letters</i> , 575, pp. 122-125. Cited 20 times.	1.815
419.	Khan, S.B., Faisal, M., Rahman, M.M., Akhtar, K., Asiri, A.M., Khan, A., Alamry, K.A. Effect of particle size on the photocatalytic activity and sensing properties of CeO2 nanoparticles (2013) <i>International Journal of Electrochemical Science</i> , 8 (5), pp. 7284-7297. Cited 13 times.	1.469
418.	Tian, J., Liu, Q., Asiri, A.M., Al-Youbi, A.O., Sun, X. Ultrathin graphitic carbon nitride nanosheet: A highly efficient fluorosensor for rapid, ultrasensitive detection of Cu2+ (2013) <i>Analytical Chemistry</i> , 85 (11), pp. 5595-5599. Cited 70 times.	6.32
417.	Rub, M.A., Sheikh, M.S., Asiri, A.M., Azum, N., Khan, A., Khan, A.A.P., Khan, S.B., Kabir-Ud-Din Aggregation behaviour of amphiphilic drug and bile salt mixtures at different compositions and temperatures (2013) <i>Journal of Chemical Thermodynamics</i> , 64, pp. 28-39. Cited 18 times.	2.726
416.	Munir, A., Mubashar-Ur-Rehman, H., Asiri, A.M., Khan, I.U., Arshad, M.N. 2-Chloro-6-(2,3-dichlorobenzenesulfonamido)benzoic acid (2013) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 69 (6), pp. o832.	0.347
415.	Faidallah, H.M., Khan, K.A., Rostom, S.A.F., Asiri, A.M. Synthesis and in vitro antitumor and antimicrobial activity of some 2,3-diaryl-7-methyl-4,5,6,7-tetrahydroindazole and 3,3a,4,5,6,7- hexahydroindazole derivatives	4.293

	(2013) <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 28 (3), pp. 495-508. Cited 4 times.	
414.	Irfan, A., Jin, R., Al-Sehemi, A.G., Asiri, A.M. Quantum chemical study of the donor-bridge-acceptor triphenylamine based sensitizers (2013) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 110, pp. 60-66. Cited 29 times.	2.536
413.	Rahman, M.M., Khan, S.B., Asiri, A.M., Alamry, K.A., Khan, A.A.P., Khan, A., Rub, M.A., Azum, N. Acetone sensor based on solvothermally prepared ZnO doped with Co3O4 nanorods (2013) <i>Microchimica Acta</i> , 180 (7-8), pp. 675-685. Cited 10 times.	4.58
412.	Jamal, A., Rahman, M.M., Khan, S.B., Abdullah, M.M., Faisal, M., Asiri, A.M., Khan, A.A.P., Akhtar, K. Simple growth and characterization of α-Sb2O4: Evaluation of their photo-catalytic and chemical sensing applications (2013) <i>Journal of the Chemical Society of Pakistan</i> , 35 (3), pp. 570-576. Cited 1 time.	0.327
411.	Qin, X., Lu, W., Asiri, A.M., Al-Youbi, A.O., Sun, X. Microwave-assisted rapid green synthesis of photoluminescent carbon nanodots from flour and their applications for sensitive and selective detection of mercury(II) ions (2013) <i>Sensors and Actuators, B: Chemical</i> , 184, pp. 156-162. Cited 35 times.	5.401
410.	Khan, A., Asiri, A.M., Khan, A.A.P., Khan, S.B. Electrical conductivity and ion-exchange kinetic studies of polythiophene Sn(VI)phosphate nano composite cation-exchanger (2014) <i>Arabian Journal of Chemistry</i> , . Article in Press.	4.553
409.	Georgiev, N.I., Yaneva, I.S., Surleva, A.R., Asiri, A.M., Bojinov, V.B. Synthesis, sensor activity and logic behavior of a highly water-soluble naphthalimide derivative (2013) <i>Sensors and Actuators, B: Chemical</i> , 184, pp. 54-63. Cited 19 times.	5.401
408.	Rahman, M.M., Khan, S.B., Gruner, G., Al-Ghamdi, M.S., Daous, M.A., Asiri, A.M. Chloride ion sensors based on low-dimensional α-MnO 2-Co3O4 nanoparticles fabricated glassy carbon electrodes by simple I-V technique (2013) <i>Electrochimica Acta</i> , 103, pp. 143-150. Cited 11 times.	4.798
407.	Sathishkumar, P., Pugazhenthiran, N., Mangalaraja, R.V., Asiri, A.M., Anandan, S. ZnO supported CoFe2O4 nanophotocatalysts for the mineralization of Direct Blue 71 in aqueous environments (2013) <i>Journal of Hazardous Materials</i> , 252-253, pp. 171-179. Cited 10 times.	6.065
406.	Azum, N., Asiri, A.M., Rub, M.A., Khan, A.A.P., Khan, A., Rahman, M.M., Kumar, D., Al-Youbi, A.O. Mixed micellization of gemini surfactant with nonionic surfactant in aqueous media: A fluorometric study (2013) <i>Colloid Journal</i> , 75 (3), pp. 235-240. Cited 2 times.	0.859
405.	Khan, S.A., Asiri, A.M., Alamry, K.A., El-Daly, S.A., Zayed, M.A.M. Eco-friendly synthesis and in vitro antibacterial activities of some novel chalcones (2013) <i>Russian Journal of Bioorganic Chemistry</i> , 39 (3), pp. 312-317. Cited 2 times.	0.69
404.	Asiri, A.M., Arshad, M.N., Obaid, A.Y., Mustafa, G. 5-Acetyl-3-(5-phenyl-1H-pyrazol-3-yl)-1,3,4-thiadiazol-2(3H)-one monohydrate (2013) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 69 (5), pp. o798.	0.347
403.	Khan, S.A., Asiri, A.M., Alamry, K.A., El-Daly, S.A., Zayed, M.A. Eco-friendly synthesis and in vitro antibacterial activities of some novel	0.69

	chalcones. (2013) <i>Bioorganicheskaya khimiya</i> , 39 (3), pp. 353-357. Cited 1 time.	
402.	Naveenraj, S., Asiri, A.M., Anandan, S. Interaction between serum albumins and sonochemically synthesized cadmium sulphide nanoparticles: A spectroscopic study (2013) <i>Journal of Nanoparticle Research</i> , 15 (5), art. no. 1671, .	2.02
401.	Akhtaruzzaman, M., Menggenbateer, Islam, A., El-Shafei, A., Asao, N., Jin, T., Han, L., Alamry, K.A., Kosa, S.A., Asiri, A.M., Yamamoto, Y. Structure-property relationship of different electron donors: Novel organic sensitizers based on fused dithienothiophene π-conjugated linker for high efficiency dye-sensitized solar cells (2013) <i>Tetrahedron</i> , 69 (16), pp. 3444-3450. Cited 9 times.	2.651
400.	Fujioka, Y., Frantti, J., Nieminen, R.M., Asiri, A.M. Formation of ruthenium cluster on nanocrystalline tungsten trioxide (2013) <i>Journal of Physical Chemistry C</i> , 117 (15), pp. 7506-7510.	4.173
399.	Qin, X., Asiri, A.M., Alamry, K.A., Al-Youbi, A.O., Sun, X. Carbon nitride dots can serve as an effective stabilizing agent for reduced graphene oxide and help in subsequent assembly with glucose oxidase into hybrids for glucose detection application (2013) <i>Electrochimica Acta</i> , 95, pp. 260-267. Cited 13 times.	4.798
398.	El-Daly, S.A., Asiri, A.M., Alamry, K.A., Al-Sehemi, A.G. Photophysical properties, photostability and laser activity of 2,6-bis [β-(2-benzoxazolyl) vinyl] naphthalene (BBVN) (2013) <i>Journal of Molecular Structure</i> , 1037, pp. 323-331. Cited 2 times.	1.753
397.	Qin, X., Lu, W., Asiri, A.M., Al-Youbi, A.O., Sun, X. Green, low-cost synthesis of photoluminescent carbon dots by hydrothermal treatment of willow bark and their application as an effective photocatalyst for fabricating Au nanoparticles-reduced graphene oxide nanocomposites for glucose detection (2013) <i>Catalysis Science and Technology</i> , 3 (4), pp. 1027-1035. Cited 40 times.	5.773
396.	Chu, Q., Xing, Z., Tian, J., Ren, X., Asiri, A.M., Al-Youbi, A.O., Alamry, K.A., Sun, X. Facile preparation of porous Fe₃O₄ nanospheres as cathode materials for rechargeable lithium-ion batteries (2013) <i>Journal of Power Sources</i> , 236, pp. 188-191. Cited 11 times.	6.395
395.	Khan, S.B., Faisal, M., Rahman, M.M., Akhtar, K., Asiri, A.M., Alamry, K.A. Sensitive chemi-sensor for environmental applications as marker of chloroform in aqueous solution (2013) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 106, pp. 231-235.	2.536
394.	Khan, S.B., Faisal, M., Rahman, M.M., Abdel-Latif, I.A., Ismail, A.A., Akhtar, K., Al-Hajry, A., Asiri, A.M., Alamry, K.A. Highly sensitive and stable phenyl hydrazine chemical sensors based on CuO flower shapes and hollow spheres (2013) <i>New Journal of Chemistry</i> , 37 (4), pp. 1098-1104. Cited 12 times.	3.269
393.	Asiri, A.M., Khan, S.B., Alamry, K.A., Marwani, H.M., Rahman, M.M. Growth of Mn₃O₄ on cellulose matrix: Nanohybrid as a solid phase adsorbent for trivalent chromium (2013) <i>Applied Surface Science</i> , 270, pp. 539-544. Cited 15 times.	3.387
392.	Khan, S.A., Asiri, A.M., Sharma, K. Synthesis of steroidal thiazolidinones as antibacterial agents based on the in vitro and quantum chemistry calculation (2013) <i>Medicinal Chemistry Research</i> , 22 (4), pp. 1998-2004. Cited 6 times.	1.277
391.	Rahman, M.M., Gruner, G., Al-Ghamdi, M.S., Daous, M.A., Khan, S.B., Asiri, A.M. Chemo-sensors development based on low-dimensional codoped Mn₂O₃-ZnO nanoparticles using flat-silver electrodes (2013) <i>Chemistry Central Journal</i> , 7 (1), art. no. 60, . Cited 15 times.	2.442

390.	El-Daly, S.A., Asiri, A.M., Alamry, K.A., Obaid, A.Y. UV-visible absorption, fluorescence characteristics and laser activity of (E,E)-2,5-bis(4-methoxystyryl)pyrazine (BMSP) (2013) <i>Journal of Luminescence</i> , 139, pp. 69-78. Cited 2 times.	2.686
389.	Khan, A.A.P., Asiri, A.M., Khan, A., Azum, N., Rub, M.A., Rahman, M.M., Khan, S.B., Siddiqi, K.S., Alamry, K.A. Mechanistic investigation of the oxidation of Cefuroxime by hexacyanoferrate(III) in alkaline conditions (2013) <i>Journal of Industrial and Engineering Chemistry</i> , 19 (2), pp. 595-600. Cited 8 times.	4.421
388.	Jamal, A., Rahman, M.M., Khan, S.B., Faisal, M., Asiri, A.M., Khan, A.A.P., Khan, A., Rub, M.A., Azum, N. Hydrothermally preparation and characterization of un-doped manganese oxide nanostructures: Efficient photocatalysis and chemical sensing applications (2013) <i>Micro and Nanosystems</i> , 5 (1), pp. 22-28. Cited 3 times.	
387.	Khan, S.B., Akhtar, K., Seo, J., Asiri, A.M., Rub, M.A., Azum, N., Han, H. Evaluation of PPC based nanocomposite for biomedical and food packaging applications (2013) <i>Micro and Nanosystems</i> , 5 (1), pp. 55-60.	
386.	Khan, S.B., Faisal, M., Rahman, M.M., Akhtar, K., Asiri, A.M., Khan, A., Khan, A.A.P. Advanced aqueous ammonia monitoring by perceptive chemi-sensor for environmental safety (2013) <i>Micro and Nanosystems</i> , 5 (1), pp. 29-34.	
385.	Rahman, M.M., Khan, S.B., Jamal, A., Faisal, M., Asiri, A.M., Alamry, K.A., Khan, A., Khan, A.A.P., Rub, M.A., Azum, N., Al-Youbi, A.O. Large-scale synthesis of low-dimension un-doped iron oxide nanoparticles by a wet-chemical method: Efficient photo-catalyst & sensitive chemi-sensor applications (2013) <i>Micro and Nanosystems</i> , 5 (1), pp. 3-13. Cited 3 times.	
384.	Asiri, A.M., Khan, S.A., Marwani, H.M., Sharma, K. Synthesis, spectroscopic and physicochemical investigations of environmentally benign heterocyclic Schiff base derivatives as antibacterial agents on the bases of in vitro and density functional theory (2013) <i>Journal of Photochemistry and Photobiology B: Biology</i> , 120, pp. 82-89. Cited 12 times.	2.673
383.	Hu, B., Qin, X., Asiri, A.M., Alamry, K.A., Al-Youbi, A.O., Sun, X. WS2 nanoparticles-encapsulated amorphous carbon tubes: A novel electrode material for supercapacitors with a high rate capability (2013) <i>Electrochemistry Communications</i> , 28, pp. 75-78. Cited 18 times.	4.396
382.	Khan, A., Khan, A.A.P., Asiri, A.M., Rub, M.A., Azum, N., Rahman, M.M., Khan, S.B., Ghani, S.A. A new trend on biosensor for neurotransmitter choline/acetylcholine - An overview (2013) <i>Applied Biochemistry and Biotechnology</i> , 169 (6), pp. 1927-1939. Cited 4 times.	1.751
381.	Arshad, M.N., Şahin, O., Zia-Ur-Rehman, M., Khan, I.U., Asiri, A.M., Rafique, H.M. 4-hydroxy-2H-1,2-benzothiazine-3-carbohydrazide 1,1-dioxide-oxalohydrazide (1:1): X-ray structure and DFT calculations (2013) <i>Journal of Structural Chemistry</i> , 54 (2), pp. 437-442. Cited 4 times.	0.472
380.	El-Mossalamy, E.H., Obaid, A.Y., El-Daly, S.A., El-Hallag, I.S., Asiri, A.M., Al-Harbi, L.M. Electrochemical studies of N,N-bis pyrazinyl 3,4,9,10 - perylenebis (dicarboximide) (PyPD) on Pt electrode (2013) <i>Journal of New Materials for Electrochemical Systems</i> , 16 (1), pp. 53-57.	0.222

379.	Naveenraj, S., Anandan, S., Velmathi, S., Asiri, A.M., Ashokkumar, M. Tuning of chalcogenide nanoparticles fluorescence by Schiff bases (2013) <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 254, pp. 12-19. Cited 2 times.	2.625
378.	Tian, J., Li, H., Xing, Z., Wang, L., Asiri, A.M., Al-Youbi, A.O., Sun, X. Facile synthesis of MWCNTs/Ag3PO4: Novel photocatalysts with enhanced photocatalytic activity under visible light (2013) <i>Journal of Nanoparticle Research</i> , 15 (3), art. no. 1453, . Cited 6 times.	2.02
377.	Feng, D., Luo, W., Zhang, J., Xu, M., Zhang, R., Wu, H., Lv, Y., Asiri, A.M., Khan, S.B., Rahman, M.M., Zheng, G., Zhao, D. Multi-layered mesoporous TiO2 thin films with large pores and highly crystalline frameworks for efficient photoelectrochemical conversion (2013) <i>Journal of Materials Chemistry A</i> , 1 (5), pp. 1591-1599. Cited 37 times.	8.867
376.	El-Daly, S.A., Asiri, A.M., Obeid, A.Y., Khan, S.A., Alamry, K.A., Hussien, M.A., Al-Sehemi, A.G. Photophysical parameters and laser activity of 3(4-dimethylamino-phenyl)-1-(2, 5-dimethyl-thiophen-3-yl)-propanone (DDTP): A new potential laser dye (2013) <i>Optics and Laser Technology</i> , 45 (1), pp. 605-612. Cited 6 times.	2.109
375.	Mubashar-Ur-Rehman, H., Arshad, M.N., Asiri, A.M., Khan, I.U., Bilal, M. 2-(Naphthalene-2-sulfonamido)-3-phenylpropanoic acid (2013) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 69 (2), pp. o194. Cited 1 time.	0.347
374.	Asiri, A.M., Arshad, M.N., Sobahi, T.R., Mustafa, G. 2-[(2-Hydroxynaphthalen-1-yl)methylideneamino]-5,6,7,8-tetrahydro-4H-cyclohepta[b]thiophene-3-carbonitrile (2013) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 69 (2), pp. o193.	0.347
373.	Faidallah, H.M., Rostom, S.A.F., Asiri, A.M., Khan, K.A., Radwan, M.F., Asfour, H.Z. 3-Cyano-8-methyl-2-oxo-1,4-disubstituted-1,2,5,6,7,8-hexahydroquinolines: Synthesis and biological evaluation as antimicrobial and cytotoxic agents (2013) <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 28 (1), pp. 123-130. Cited 4 times.	4.293
372.	Khan, A., Asiri, A.M., Rub, M.A., Azum, N., Khan, A.A.P., Khan, S.B., Rahman, M.M., Khan, I. Synthesis, characterization of silver nanoparticle embedded polyaniline tungstophosphate-nanocomposite cation exchanger and its application for heavy metal selective membrane (2013) <i>Composites Part B: Engineering</i> , 45 (1), pp. 1486-1492. Cited 11 times.	4.727
371.	El-Daly, S.A., Asiri, A.M., Khan, S.A., Alamry, K.A. Spectral properties and micellization of 1-(2,5-Dimethyl-thiophen-3-yl)-3-(2,4,5-trimethoxy-phenyl)-propanone (DTP) in different media (2013) <i>Journal of Luminescence</i> , 134, pp. 819-824. Cited 10 times.	2.686
370.	Khan, A., Asiri, A.M., Khan, A.A.P., Rub, M.A., Azum, N., Rahman, M.M., Khan, S.B., Alamry, K.A., Ghani, S.A. Sol-gel synthesis and characterization of conducting polythiophene/tin phosphate nano tetrapod composite cation-exchanger and its application as Hg(II) selective membrane electrode (2013) <i>Journal of Sol-Gel Science and Technology</i> , 65 (2), pp. 160-169. Cited 2 times.	1.575
369.	Rub, M.A., Asiri, A.M., Khan, A., Khan, A.A.P., Azum, N., Khan, S.B., Kabir-Ud-Din Investigation of micellar and phase separation phenomenon of the amphiphilic drug amitriptyline hydrochloride with cationic hydrotropes (2013) <i>Journal of Solution Chemistry</i> , 42 (2), pp. 390-411. Cited 12 times.	1.342
368.	El-Daly, S.A., Asiri, A.M., Alamry, K., Khan, S.A. Spectroscopic studies and laser activity of 3-(4-dimethylamino-phenyl)-1-(2,5-	2.686

	dimethyl-furan-3-yl)-propenone (DDFP): A new green laser dye (2013) <i>Journal of Luminescence</i> , 137, pp. 6-14. Cited 8 times.	
367.	Lu, S., Jin, T., Yasuda, T., Islam, A., Akhtaruzzaman, M., Han, L., Alamry, K.A., Kosa, S.A., Asiri, A.M., Yamamoto, Y. Functional 2-benzyl-1,2-dihydro[60]fullerenes as acceptors for organic photovoltaics: Facile synthesis and high photovoltaic performances (2013) <i>Tetrahedron</i> , 69 (4), pp. 1302-1306. Cited 6 times.	2.651
366.	Lu, W., Qin, X., Asiri, A.M., Al-Youbi, A.O., Sun, X. Ni foam: A novel three-dimensional porous sensing platform for sensitive and selective nonenzymatic glucose detection (2013) <i>Analyst</i> , 138 (2), pp. 417-420. Cited 36 times.	3.885
365.	Lu, W., Qin, X., Asiri, A.M., Al-Youbi, A.O., Sun, X. Facile synthesis of novel Ni(ii)-based metal-organic coordination polymer nanoparticle/reduced graphene oxide nanocomposites and their application for highly sensitive and selective nonenzymatic glucose sensing (2013) <i>Analyst</i> , 138 (2), pp. 429-433. Cited 25 times.	3.885
364.	Marwani, H.M., Asiri, A.M., Khan, S.A. Spectral, stoichiometric ratio, physicochemical, polarity and photostability studies of newly synthesized chalcone dye in organized media (2013) <i>Journal of Luminescence</i> , 136, pp. 296-302. Cited 11 times.	2.686
363.	Rahman, M.M., Khan, S.B., Marwani, H.M., Asiri, A.M., Alamry, K.A., Al-Youbi, A.O. Selective determination of gold(III) ion using CuO microsheets as a solid phase adsorbent prior by ICP-OES measurement (2013) <i>Talanta</i> , 104, pp. 75-82. Cited 26 times.	4.162
362.	Selvamani, T., Asiri, A.M., Al-Youbi, A.O., Anandan, S. Emergent synthesis of bismuth subcarbonate nanomaterials with various morphologies towards photocatalytic activities - An overview (2013) <i>Materials Science Forum</i> , 764, pp. 169-193. Cited 1 time.	
361.	Rub, M.A., Asiri, A.M., Azum, N., Khan, A., Khan, A.A.P., Khan, S.B., Rahman, M.M., Kumar, D., Al-Youbi, A.O. Analysis of mixed micellar behavior of promazine hydrochloride with surfactants in aqueous medium at different temperatures and compositions (2013) <i>Zeitschrift fur Physikalische Chemie</i> , 227 (12), pp. 1671-1686. Cited 2 times.	1.356
360.	Liu, C., Khan, S.B., Lee, M., Kim, K.I., Akhtar, K., Han, H., Asiri, A.M. Fuel cell based on novel hyper-branched polybenzimidazole membrane (2013) <i>Macromolecular Research</i> , 21 (1), pp. 35-41. Cited 5 times.	1.405
359.	Lu, W., Qin, X., Li, H., Asiri, A.M., Al-Youbi, A.O., Sun, X. One-step hydrothermal synthesis of ag nanoparticle decorated submicrometer-scale spherical AgBr colloids: A highly efficient visible light plasmonic photocatalyst for degradation of organic dyes (2013) <i>Particle and Particle Systems Characterization</i> , 30 (1), pp. 67-71. Cited 5 times.	4.474
358.	El-Shishtawy, R.M., Borbone, F., Al-Amshany, Z.M., Tuzi, A., Barsella, A., Asiri, A.M., Roviello, A. Thiazole azo dyes with lateral donor branch: Synthesis, structure and second order NLO properties (2013) <i>Dyes and Pigments</i> , 96 (1), pp. 45-51. Cited 20 times.	3.473
357.	Rahman, M.M., Khan, S.B., Asiri, A.M., Alamry, K.A., Al-Youbi, A.O. Detection of nebivolol drug based on as-grown un-doped silver oxide nanoparticles prepared by a wet-chemical method (2013) <i>International Journal of Electrochemical Science</i> , 8 (1), pp. 323-335. Cited 7 times.	3.648
356.	Asiri, A.M., Arshad, M.N., Zia-Ur-Rehman, M., Sobahi, T.R. 1,3-Diethyl-2-sulfanylidene-5-(2,4,5-trimethoxybenzylidene)-1, 3-diazinane-	0.347

	4,6-dione (2013) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 69 (1), pp. o49.	
355.	Rahman, M.M., Gruner, G., Al-Ghamdi, M.S., Daous, M.A., Khan, S.B., Asiri, A.M. Fabrication of highly sensitive phenyl hydrazine chemical sensor based on as-grown ZnO-Fe₂O₃ microwires (2013) <i>International Journal of Electrochemical Science</i> , 8 (1), pp. 520-534. Cited 5 times.	1.469
354.	Rub, M.A., Asiri, A.M., Naqvi, A.Z., Rahman, M.M., Khan, S.B., Kabir-Ud-Din Mixed micellization between amphiphilic drug promethazine hydrochloride and cationic surfactant (conventional as well as gemini) (2013) <i>Journal of Molecular Liquids</i> , 177, pp. 19-25. Cited 23 times.	3.648
353.	Lu, W., Qin, X., Asiri, A.M., Al-Youbi, A.O., Sun, X. Green synthesis of carbon nanodots as an effective fluorescent probe for sensitive and selective detection of mercury(II) ions (2013) <i>Journal of Nanoparticle Research</i> , 15 (1), art. no. 1344, . Cited 11 times.	2.02
352.	Tüysüz, H., Hwang, Y.J., Khan, S.B., Asiri, A.M., Yang, P. Mesoporous Co₃O₄ as an electrocatalyst for water oxidation (2013) <i>Nano Research</i> , 6 (1), pp. 47-54. Cited 53 times.	7.354
351.	Panda, S.S., Ibrahim, M.A., Oliferenko, A.A., Asiri, A.M., Katritzky, A.R. Catalyst-free facile synthesis of 2-substituted benzothiazoles (2013) <i>Green Chemistry</i> , 15 (10), pp. 2709-2712. Cited 12 times.	9.125
350.	Azum, N., Rub, M.A., Asiri, A.M., Khan, A.A.P., Khan, A. Physico-chemical investigations of mixed micelles of cationic gemini and conventional surfactants: A conductometric study (2013) <i>Journal of Surfactants and Detergents</i> , 16 (1), pp. 77-84. Cited 6 times.	• • 1.450
349.	Abu-Zied, B., Asiri, A.M. Urea-based combustion process for the synthesis of nanocrystalline Ni-La-Fe-O catalysts (2012) <i>Journal of Nanomaterials</i> , 2012, art. no. 428643, . Cited 1 time.	0
348.	Khan, S.B., Rahman, M.M., Akhtar, K., Asiri, A.M., Alamry, K.A., Seo, J., Han, H. Copper oxide based polymer nanohybrid for chemical sensor applications (2012) <i>International Journal of Electrochemical Science</i> , 7 (11), pp. 10965-10975. Cited 11 times.	1.469
347.	Rahman, M.M., Khan, S.B., Marwani, H.M., Asiri, A.M., Alamry, K.A. Selective Iron(III) ion uptake using CuO-TiO₂ nanostructure by inductively coupled plasma-optical emission spectrometry (2012) <i>Chemistry Central Journal</i> , 6 (1), art. no. 158, . Cited 20 times.	2.422
346.	Garcia-Gallastegui, A., Iruretagoyena, D., Gouvea, V., Mokhtar, M., Asiri, A.M., Basahel, S.N., Al-Thabaiti, S.A., Alyoubi, A.O., Chadwick, D., Shaffer, M.S.P. Graphene oxide as support for layered double hydroxides: Enhancing the CO₂ adsorption capacity (2012) <i>Chemistry of Materials</i> , 24 (23), pp. 4531-4539. Cited 33 times.	9.466
345.	Asiri, A.M., Arshad, M.N., Ishaq, M., Alamry, K.A., Bokhari, T.H. Cis-Dichloridobis(N,N,N',N'-tetramethylethane-1,2-diamine) platinum(II) (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (12), pp. m1562.	0
344.	Asiri, A.M., Arshad, M.N., Zayed, M.E.M., Alamry, K.A., Shafiq, M. Ethyl (Z)-2-chloro-2-[2-(4-methoxyphenyl)hydrazin-1-ylidene]acetate (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (12), pp. o3274. Cited 1 time.	0
343.	Irfan, A., Ijaz, F., Al-Sehemi, A.G., Asiri, A.M. Quantum chemical approach toward rational designing of highly efficient oxadiazole based oligomers used in organic field effect transistors (2012) <i>Journal of Computational Electronics</i> , 11 (4), pp. 374-384. Cited 14 times.	• 1.526

342.	Asiri, A.M., Arshad, M.N., Zayed, M.E.M., Alamry, K.A., Bokhari, T.H. (Z)-Ethyl 2-chloro-2-[2-(4-methylphenyl)hydrazinylidene]acetate (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (12), pp. o3420.	0
341.	Asiri, A.M., Arshad, M.N., Ishaq, M., Alamry, K.A., Shafiq, M. 1-[(Z)-1-Ferrocenylethylidene]thiocarbonohydrazide (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (12), pp. m1439.	0
340.	Li, Q., Qin, X., Luo, Y., Lu, W., Chang, G., Asiri, A.M., Al-Youbi, A.O., Sun, X. One-pot synthesis of Ag nanoparticles/reduced graphene oxide nanocomposites and their application for nonenzymatic H₂O₂ detection (2012) <i>Electrochimica Acta</i> , 83, pp. 283-287. Cited 20 times.	4.798
339.	El-Hallag, I.S., El-Mossalamy, E.H., Asiri, A.M. Electrochemical investigation of antibacterial laser dye compound in 1,2-dichloroethane at a platinum electrode (2012) <i>Iranian Journal of Chemistry and Chemical Engineering</i> , 31 (3), pp. 9-18.	0.606
338.	Jamal, A., Rahman, M.M., Khan, S.B., Faisal, M., Akhtar, K., Rub, M.A., Asiri, A.M., Al-Youbi, A.O. Cobalt doped antimony oxide nano-particles based chemical sensor and photo-catalyst for environmental pollutants (2012) <i>Applied Surface Science</i> , 261, pp. 52-58. Cited 17 times.	4.242
337.	Yang, F., Akhtaruzzaman, M., Islam, A., Jin, T., El-Shafei, A., Qin, C., Han, L., Alamry, K.A., Kosa, S.A., Hussein, M.A., Asiri, A.M., Yamamoto, Y. Structure-property relationship of naphthalene based donor-π-acceptor organic dyes for dye-sensitized solar cells: Remarkable improvement of open-circuit photovoltage (2012) <i>Journal of Materials Chemistry</i> , 22 (42), pp. 22550-22557. Cited 16 times.	6.626
336.	Asiri, A.M., Abo-Dya, N.E., Arshad, M.N., Alamry, K.A., Shafiq, M. 1-(1H-1,2,3-Benzotriazol-1-yl)-2-(4-methoxyphenyl)ethanone (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (11), pp. o3221.	0
335.	Asiri, A.M., Abo-Dya, N.E., Arshad, M.N., Shafiq, M. 1-(Benzotriazol-1-yl)-2-bromoethanone (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (11), pp. o3179.	0
334.	Rub, M.A., Asiri, A.M., Kumar, D., Khan, A., Khan, A.A.P., Azum, N., Kabir-Ud-Din Effect of organic additives on the phase separation phenomenon of amphiphilic drug solutions (2012) <i>Journal of Surfactants and Detergents</i> , 15 (6), pp. 765-775. Cited 9 times.	1.450
333.	Khan, S.A., Asiri, A.M. Synthesis and in vitro antibacterial activity of novel steroidal (6R)-spiro-1,3,4-thiadiazoline derivatives (2012) <i>Journal of Heterocyclic Chemistry</i> , 49 (6), pp. 1452-1457. Cited 7 times.	0.893
332.	Lee, M., Khan, S.B., Seo, K., Lee, J.-W., Akhtar, K., Han, H., Asiri, A.M. Synthesis, characterization and fuel cell application of polyimides (2012) <i>Letters in Organic Chemistry</i> , 9 (9), pp. 655-659. Cited 2 times.	0.730
331.	Asiri, A.M., Khan, S.A. Synthesis, characterization, and in vitro antibacterial activities of macromolecules derived from bis-chalcone (2012) <i>Journal of Heterocyclic Chemistry</i> , 49 (6), pp. 1434-1438. Cited 8 times.	0.893
330.	El-Daly, S.A., Alamry, K.A., Asiri, A.M., Hussein, M.A. Spectral characteristics and fluorescence quenching of N,N'-bis(4-pyridyl)-3,4:9,10-perylenebis(dicarboximide) (BPPD) (2012) <i>Journal of Luminescence</i> , 132 (10), pp. 2747-2752. Cited 5 times.	2.686
329.	Azum, N., Asiri, A.M., Akram, M. Effect of Neutral Polymer on Critical Micelle Concentration of Cationic Gemini	1.591

	Surfactants in Aqueous Solutions (2012) <i>Journal of Dispersion Science and Technology</i> , 33 (10), pp. 1509-1513. Cited 4 times.	
328.	Chu, Q., Du, J., Lu, W., Chang, G., Xing, Z., Li, H., Ge, C., Wang, L., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. Synthesis of a MnO₂ nanosheet/graphene flake composite and its application as a supercapacitor having high rate capability (2012) <i>ChemPlusChem</i> , 77 (10), pp. 872-876. Cited 5 times.	2.797
327.	Arshad, M.N., Danish, M., Tahir, M.N., Khalid, S., Asiri, A.M. Ethyl 2-benzenesulfonamido-4-methyl-pentanoate (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (10), pp. o2874.	0
326.	Qin, X., Luo, Y., Lu, W., Chang, G., Asiri, A.M., Al-Youbi, A.O., Sun, X. One-step synthesis of Ag nanoparticles-decorated reduced graphene oxide and their application for H₂O₂ detection (2012) <i>Electrochimica Acta</i> , 79, pp. 46-51. Cited 30 times.	4.798
325.	Rahman, M.M., Khan, S.B., Faisal, M., Rub, M.A., Al-Youbi, A.O., Asiri, A.M. Electrochemical determination of olmesartan medoxomil using hydrothermally prepared nanoparticles composed SnO₂-Co₃O₄ nanocubes in tablet dosage forms (2012) <i>Talanta</i> , 99, pp. 924-931. Cited 32 times.	4.162
324.	Zhang, Y., Tian, J., Li, H., Wang, L., Qin, X., Asiri, A.M., Al-Youbi, A.O., Sun, X. Biomolecule-assisted, environmentally friendly, one-pot synthesis of CuS/reduced graphene oxide nanocomposites with enhanced photocatalytic performance (2012) <i>Langmuir</i> , 28 (35), pp. 12893-12900. Cited 82 times.	3.383
323.	Asiri, A.M., El-Daly, S.A., Khan, S.A. Spectral characteristics of 4-(p-N,N-dimethyl-aminophenylmethylene)-2-phenyl-5-oxazolone (DPO) in different media (2012) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 95, pp. 679-684. Cited 7 times.	2.536
322.	Marwani, H.M., Asiri, A.M., Khan, S.A. Green-synthesis, characterization, photostability and polarity studies of novel Schiff base dyes using spectroscopic methods. (2012) <i>Bioorganicheskaia khimiia</i> , 38 (5), pp. 604-609. Cited 1 time.	1.171
321.	Hussein, M.A., Abdel-Rahman, M.A., Asiri, A.M., Alamry, K.A., Aly, K.I. Review on: Liquid crystalline Polyazomethines polymers. Basics, syntheses and characterization (2012) <i>Designed Monomers and Polymers</i> , 15 (5), pp. 431-463. Cited 13 times.	1.43
320.	Arshad, M.N., Danish, M., Tahir, M.N., Aabideen, Z.U., Asiri, A.M. 2-Benzenesulfonamido-3-methylbutyric acid (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (9), pp. o2665. Cited 2 times.	0
319.	Chang, G., Luo, Y., Qin, X., Lu, W., Asiri, A.M., Al-Youbi, A.O., Sun, X. Synthesis of Pt nanoparticles decorated 1,5-diaminoanthraquinone nanofibers and their application toward catalytic reduction of 4-nitrophenol (2012) <i>Journal of Nanoscience and Nanotechnology</i> , 12 (9), pp. 7075-7080. Cited 7 times.	1.324
318.	Irfan, A., Hina, N., Al-Sehemi, A.G., Asiri, A.M. Quantum chemical investigations aimed at modeling highly efficient zinc porphyrin dye sensitized solar cells (2012) <i>Journal of Molecular Modeling</i> , 18 (9), pp. 4199-4207. Cited 26 times.	1.425
317.	Marwani, H.M., Asiri, A.M., Khan, S.A. Green-synthesis, characterization, photostability and polarity studies of novel Schiff base dyes using spectroscopic methods	0.690

	(2012) <i>Russian Journal of Bioorganic Chemistry</i> , 38 (5), pp. 533-538. Cited 6 times.	
316.	Fujioka, Y., Frantti, J., Asiri, A.M., Obaid, A.Y., Jiang, H., Nieminen, R.M. Structural properties of pure and nickel-modified nanocrystalline tungsten trioxide (2012) <i>Journal of Physical Chemistry C</i> , 116 (32), pp. 17029-17039. Cited 2 times.	4.321
315.	Arshad, M.N., Danish, M., Tahir, M.N., Khalid, S., Asiri, A.M. 4-Methyl-2-(2-nitro-benzene-sulfon-amido)-penta-noic acid (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (8), pp. o2573. Cited 2 times.	0
314.	Asiri, A.M., Faidallah, H.M., Alamry, K.A., Ng, S.W., Tiekink, E.R.T. 2-[1-(1-Oxoindan-2-yl)eth-yl]indan-1-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (8), pp. o2314.	0
313.	Khan, S.A., Asiri, A.M. Novel steroidal (6R)-spiro-1,3,4-thiadiazoline derivatives as anti-bacterial agents (2012) <i>Chinese Journal of Chemistry</i> , 30 (8), pp. 1901-1905. Cited 1 time.	1.852
312.	Irfan, A., Al-Sehemi, A.G., Asiri, A.M. Donor-enhanced bridge effect on the electronic properties of triphenylamine based dyes: Density functional theory investigations (2012) <i>Journal of Molecular Modeling</i> , 18 (8), pp. 3609-3615. Cited 8 times.	1.425
311.	Rub, M.A., Asiri, A.M., Sheikh, M.S., Khan, A., Khan, A.A.P., Azum, N., Kabir-Ud-Din Organic additives and pharmaceutical excipients as cloud point modifiers in amitriptyline hydrochloride solutions (2012) <i>Journal of Molecular Liquids</i> , 172, pp. 59-65. Cited 10 times.	3.648
310.	Faidallah, H.M., Khan, K.A., Asiri, A.M., Zayed, M.E.M. Synthesis and biological evaluation of some new bipyrzolybenzenesulfonamides as possible antimicrobial and chemotherapeutic agents (2012) <i>Indian Journal of Chemistry - Section B Organic and Medicinal Chemistry</i> , 51 (8), pp. 1114-1122.	0.353
309.	Asiri, A.M., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. 4-(4-Bromo-phen-yl)-8-methyl-2-oxo-1,2,3,4,4a,5,6,7-octa-hydro-quinoline-3-carbonitrile (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (8), pp. o2376-o2377.	0
308.	Li, H., Liu, S., Tian, J., Wang, L., Lu, W., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. Ternary Nanocomposites of Porphyrin, Angular Au Nanoparticles and Reduced Graphene Oxide: Photocatalytic Synthesis and Enhanced Photocurrent Generation (2012) <i>ChemCatChem</i> , 4 (8), pp. 1079-1083. Cited 14 times.	4.803
307.	Rahman, M.M., Khan, S.B., Faisal, M., Asiri, A.M., Alamry, K.A. Highly sensitive formaldehyde chemical sensor based on hydrothermally prepared spinel ZnFe 2O 4 nanorods (2012) <i>Sensors and Actuators, B: Chemical</i> , 171-172, pp. 932-937. Cited 31 times.	5.401
306.	Rahman, M.M., Khan, S.B., Faisal, M., Asiri, A.M., Tariq, M.A. Detection of aprepitant drug based on low-dimensional un-doped iron oxide nanoparticles prepared by a solution method (2012) <i>Electrochimica Acta</i> , 75, pp. 164-170. Cited 24 times.	4.798
305.	Garcia-Gallastegui, A., Iruretagoyena, D., Mokhtar, M., Asiri, A.M., Basahel, S.N., Al-Thabaiti, S.A., Alyoubi, A.O., Chadwick, D., Shaffer, M.S.P. Layered double hydroxides supported on multi-walled carbon nanotubes: Preparation and CO 2 adsorption characteristics (2012) <i>Journal of Materials Chemistry</i> , 22 (28), pp. 13932-13940. Cited 22 times.	6.626

304.	Chang, G., Hu, J., Lu, W., Qin, X., Asiri, A.M., Al-Youbi, A.O., Sun, X. Carbon nanocapsules as an effective sensing platform for fluorescence-enhanced nucleic acid detection (2012) <i>Journal of Nanoscience and Nanotechnology</i> , 12 (5), pp. 3775-3780. Cited 2 times.	1.431
303.	Al-Sehemi, A.G., Irfan, A., Asiri, A.M., Ammar, Y.A. Molecular design of new hydrazone dyes for dye-sensitized solar cells: Synthesis, characterization and DFT study (2012) <i>Journal of Molecular Structure</i> , 1019, pp. 130-134. Cited 21 times.	1.602
302.	El-Daly, S.A., El-Azim, S.A., Elmekawey, F.M., Elbaradei, B.Y., Shama, S.A., Asiri, A.M. Photophysical parameters, excitation energy transfer, and photoreactivity of 1,4-bis(5-phenyl-2-oxazolyl)benzene (POPOP) laser dye (2012) <i>International Journal of Photoenergy</i> , 2012, art. no. 458126, . Cited 3 times.	0
301.	Qin, X., Lu, W., Luo, Y., Chang, G., Asiri, A.M., Al-Youbi, A.O., Sun, X. Green photocatalytic synthesis of Ag nanoparticle-decorated TiO₂ nanowires for nonenzymatic amperometric H₂O₂ detection (2012) <i>Electrochimica Acta</i> , 74, pp. 275-279. Cited 12 times.	4.139
300.	El Khatib, M., Elagawany, M., Jabeen, F., Todadze, E., Bol'Shakov, O., Oliferenko, A., Khelashvili, L., El-Feky, S.A., Asiri, A., Katritzky, A.R. Traceless chemical ligations from O-acyl serine sites (2012) <i>Organic and Biomolecular Chemistry</i> , 10 (25), pp. 4836-4838. Cited 14 times.	3.564
299.	Qin, X., Lu, W., Luo, Y., Chang, G., Asiri, A.M., Al-Youbi, A.O., Sun, X. Anchoring gold nanoparticles on graphene nanosheets functionalized with cationic polyelectrolyte: A novel catalyst for 4-nitrophenol reduction (2012) <i>Journal of Nanoscience and Nanotechnology</i> , 12 (4), pp. 2983-2989. Cited 8 times.	1.421
298.	Li, H., Lu, W., Tian, J., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. Synthesis and study of plasmon-induced carrier behavior at Ag/TiO₂ nanowires (2012) <i>Chemistry - A European Journal</i> , 18 (27), pp. 8508-8514. Cited 22 times.	5.316
297.	Khan, S.B., Rahman, M.M., Akhtar, K., Asiri, A.M., Seo, J., Han, H., Alamry, K. Novel and sensitive ethanol chemi-sensor based on nanohybrid materials (2012) <i>International Journal of Electrochemical Science</i> , 7 (5), pp. 4030-4038. Cited 16 times.	1.469
296.	Khan, A., Asiri, A.M., Rub, M.A., Azum, N., Khan, A.A.P., Khan, I., Mondal, P.K. Review on composite cation exchanger as interdisciplinary materials in analytical chemistry (2012) <i>International Journal of Electrochemical Science</i> , 7 (5), pp. 3854-3902. Cited 13 times.	1.469
295.	Asiri, A.M., Faidallah, H.M., Saqer, A.A.A., Ng, S.W., Tiekink, E.R.T. 8-Methyl-2-oxo-4-(thiophen-2-yl)-1,2,5,6,7,8-hexahydroquinoline-3-carbonitrile (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (7), pp. o2291-o2292. Cited 1 time.	0
294.	Qin, X., Lu, W., Chang, G., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. Novel synthesis of Au nanoparticles using fluorescent carbon nitride dots as photocatalyst (2012) <i>Gold Bulletin</i> , 45 (2), pp. 61-67. Cited 9 times.	1.638
293.	Frantti, J., Fujioka, Y., Zhang, J., Wang, S., Vogel, S.C., Nieminen, R.M., Asiri, A.M., Zhao, Y., Obaid, A.Y., Mkhaliid, I.A. High-pressure neutron study of the morphotropic lead-zirconate-titanate: Phase transitions in a two-phase system (2012) <i>Journal of Applied Physics</i> , 112 (1), art. no. 014104, . Cited 4 times.	2.068

292.	Liu, S., Tian, J., Wang, L., Zhang, Y., Luo, Y., Li, H., Asiri, A.M., Al-Youbi, A.O., Sun, X. Fast and sensitive colorimetric detection of H₂O₂ and glucose: A strategy based on polyoxometalate clusters (2012) <i>ChemPlusChem</i> , 77 (7), pp. 541-544. Cited 15 times.	2.997
291.	Asiri, A.M., Faidallah, H.M., Alamry, K.A., Ng, S.W., Tiekink, E.R.T. (3Z)-1,1,1-Trifluoro-4-phenyl-4-[(2-[[[(1Z)-4,4,4-trifluoro-3-oxo-1-phenylbut-1-en-1-yl]amino]ethyl]amino]but-3-en-2-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (7), pp. o2289-o2290.	0
290.	Asiri, A.M., Faidallah, H.M., Alamry, K.A., Ng, S.W., Tiekink, E.R.T. 2-Hydroxy-2-trifluoromethyl-3,4-dihydro-2H-1-benzopyran-4-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (7), pp. o2299. Cited 1 time.	0
289.	Asiri, A.M., Faidallah, H.M., Alamry, K.A., Ng, S.W., Tiekink, E.R.T. (2E)-2-(Thiophen-2-ylmethylidene)-1,2,3,4-tetrahydronaphthalen-1-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (7), pp. o2298.	0
288.	Asiri, A.M., Faidallah, H.M., Alamry, K.A., Ng, S.W., Tiekink, E.R.T. 5-Chloro-3,6-dimethyl-1-phenyl-1H,4H-pyrano[2,3-c]pyrazol-4-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (7), pp. o2257.	0
287.	Lee, J.-W., Khan, S.B., Akhtar, K., Kim, K.-I., Yoo, T.-W., Kwang-Won Seo, Han, H., Asiri, A.M. Fabrication of composite membrane based on silicotungstic heteropolyacid doped polybenzimidazole for high temperature PEMFC (2012) <i>International Journal of Electrochemical Science</i> , 7 (7), pp. 6276-6288. Cited 9 times.	1.476
286.	Rahman, M.M., Khan, S.B., Jamal, A., Faisal, M., Asiri, A.M. Highly sensitive methanol chemical sensor based on undoped silver oxide nanoparticles prepared by a solution method (2012) <i>Microchimica Acta</i> , 178 (1-2), pp. 99-106. Cited 29 times.	4.58
285.	Li, H., Zhang, Y., Chang, G., Liu, S., Tian, J., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. Environmentally friendly photocatalytic synthesis of porphyrin/Ag nanoparticles/reduced graphene oxide ternary nanohybrids having superior catalytic activity (2012) <i>ChemPlusChem</i> , 77 (7), pp. 545-550. Cited 11 times.	2.997
284.	Asiri, A.M., Zayed, M.E.M., Ng, S.W., Tiekink, E.R.T. 3-[(E)-Benzylidene]indolin-2-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (7), pp. o2020. Cited 1 time.	0
283.	Asiri, A.M., Faidallah, H.M., Alamry, K.A., Ng, S.W., Tiekink, E.R.T. 4-(3-Phenyl-3,3a,4,5-tetrahydro-2H-benzo[g]indazol-2-yl)benzenesulfonamide ethanol monosolvate (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (7), pp. o2258-o2259. Cited 1 time.	0
282.	Asiri, A.M., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. 4-Nitro-N-[(E)-thiophen-2-ylmethylidene]aniline (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (7), pp. o2288. Cited 1 time.	0
281.	Asiri, A.M., Faidallah, H.M., Zayed, M.E.M., Ng, S.W., Tiekink, E.R.T. 2-[(E)-4-Methoxybenzylidene]-1,2,3,4-tetrahydronaphthalen-1-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (7), pp. o2190. Cited 2 times.	0

280.	Asiri, A.M., Khan, S.A., Al-Amoudi, M.S., Alamry, K.A. Synthesis, characterization, absorbance, fluorescence and non linear optical properties of some donor acceptor chromophores (2012) <i>Bulletin of the Korean Chemical Society</i> , 33 (6), pp. 1900-1906. Cited 20 times.	0.602
279.	Lu, W., Qin, X., Liu, S., Chang, G., Zhang, Y., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. Economical, green synthesis of fluorescent carbon nanoparticles and their use as probes for sensitive and selective detection of mercury(II) ions (2012) <i>Analytical Chemistry</i> , 84 (12), pp. 5351-5357. Cited 194 times.	6.320
278.	Rahman, M.M., Khan, S.B., Jamal, A., Faisal, M., Asiri, A.M. Fabrication of a methanol chemical sensor based on hydrothermally prepared α-Fe₂O₃ codoped SnO₂ nanocubes (2012) <i>Talanta</i> , 95, pp. 18-24. Cited 32 times.	3.545
277.	Liu, S., Tian, J., Wang, L., Zhang, Y., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. A novel acid-driven, microwave-assisted, one-pot strategy toward rapid production of graphitic N-doped carbon nanoparticles-decorated carbon flakes from N,N-dimethylformamide and their application in removal of dye from water (2012) <i>RSC Advances</i> , 2 (11), pp. 4632-4635. Cited 11 times.	3.108
276.	Shafiq, M., Khan, I.U., Zia-Ur-Rehman, M., Asghar, M.N., Asiri, A.M., Arshad, M.N. Synthesis and antioxidant activity of a new series of 2,1-benzothiazine 2,2-dioxide hydrazine derivatives (2012) <i>Asian Journal of Chemistry</i> , 24 (10), pp. 4799-4803. Cited 6 times.	0
275.	Al-Sehemi, A.G., Irfan, A., Asiri, A.M., Ammar, Y.A. Synthesis, characterization and DFT study of methoxybenzylidene containing chromophores for DSSC materials (2012) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 91, pp. 239-243. Cited 23 times.	2.098
274.	Arshad, M.N., Khan, I.U., Zia-Ur-Rehman, M., Ahmed, W., Asiri, A.M. Methyl 2-butyl-4-hydroxy-1,1-dioxo-2H-1,2-benzothiazine-3-carboxylate (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (6), pp. o1663. Cited 2 times.	0
273.	Irfan, A., Al-Sehemi, A.G., Asiri, A.M. Theoretical investigations of the charge transfer properties in oligothiophene derivatives (2012) <i>Journal of Theoretical and Computational Chemistry</i> , 11 (3), pp. 631-640. Cited 4 times.	0.638
272.	Li, H., Chang, G., Zhang, Y., Tian, J., Liu, S., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. Photocatalytic synthesis of highly dispersed Pd nanoparticles on reduced graphene oxide and their application in methanol electro-oxidation (2012) <i>Catalysis Science and Technology</i> , 2 (6), pp. 1153-1156. Cited 28 times.	5.773
271.	Rahman, M.M., Bahadar Khan, S., Jamal, A., Faisal, M., Asiri, A.M. Fabrication of highly sensitive acetone sensor based on sonochemically prepared as-grown Ag₂O nanostructures (2012) <i>Chemical Engineering Journal</i> , 192, pp. 122-128. Cited 35 times.	6.216
270.	Qin, X., Lu, W., Luo, Y., Chang, G., Asiri, A.M., Al-Youbi, A.O., Sun, X. Ag nanoparticles decorated 2,4,6-tris (2-pyridyl)-1,3,5-triazine nanobelts: Synthesis and their application as sensitive SERS substrate (2012) <i>Current Nanoscience</i> , 8 (3), pp. 393-397. Cited 1 time.	1.062
269.	Asiri, A.M. Improved photochromic and fatigue performance of (E)-dicyclopropylmethylene-(2,5-dimethyl-3-furylethylidene)-succinicanhydride doped in polyurethane thin film (2012) <i>Polymer Engineering and Science</i> , 52 (6), pp. 1212-1216.	1.449

268.	Sun, X., Qin, X., Hu, J., Luo, Y., Lu, W., Chang, G., Asiri, A.M., Al-Youbi, A.O. Heat treatment-based one-step preparation of highly concentrated, well-stable silver colloids that can form stable films on bare electrodes for H₂O₂ detection (2012) <i>Current Nanoscience</i> , 8 (3), pp. 335-342. Cited 1 time.	1.062
267.	Wang, J., Xue, C., Wu, Z., Li, W., Lv, Y., Asiri, A.M., Tu, B., Zhao, D. Hollow micro-mesoporous carbon polyhedra produced by selective removal of skeletal scaffolds (2012) <i>Carbon</i> , 50 (7), pp. 2546-2555. Cited 9 times.	6.337
266.	Azum, N., Asiri, A.M., Rub, M.A., Al-Youbi, A.O., Khan, A. Thermodynamic aspects of polymer-surfactant interactions: Gemini (16-5-16)-PVP-water system (2012) <i>Arabian Journal of Chemistry</i> , . Article in Press. Cited 1 time.	3.217
265.	Lu, W., Liu, S., Qin, X., Wang, L., Tian, J., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. High-yield, large-scale production of few-layer graphene flakes within seconds: Using chlorosulfonic acid and H₂O₂ as exfoliating agents (2012) <i>Journal of Materials Chemistry</i> , 22 (18), pp. 8775-8777. Cited 28 times.	5.271
264.	Faidallah, H.M., Khan, K.A., Asiri, A.M. Synthesis of some new 2-oxo-1,4-disubstituted-1,2,5,6-tetrahydrobenzo[h]quinoline-3-carbonitriles and their biological evaluation as cytotoxic and antiviral agents (2012) <i>Journal of Chemical Sciences</i> , 124 (3), pp. 625-631. Cited 5 times.	1.298
263.	Han, L., Lv, Y., Asiri, A.M., Al-Youbi, A.O., Tu, B., Zhao, D. Novel preparation and near-infrared photoluminescence of uniform core-shell silver sulfide nanoparticle@mesoporous silica nanospheres (2012) <i>Journal of Materials Chemistry</i> , 22 (15), pp. 7274-7279. Cited 11 times.	5.271
262.	Liu, S., Tian, J., Wang, L., Zhang, Y., Qin, X., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. Hydrothermal treatment of grass: A low-cost, green route to nitrogen-doped, carbon-rich, photoluminescent polymer nanodots as an effective fluorescent sensing platform for label-free detection of Cu(II) ions (2012) <i>Advanced Materials</i> , 24 (15), pp. 2037-2041. Cited 247 times.	19.791
261.	Tian, J., Liu, S., Zhang, Y., Li, H., Wang, L., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. Environmentally friendly, one-pot synthesis of Ag nanoparticle-decorated reduced graphene oxide composites and their application to photocurrent generation (2012) <i>Inorganic Chemistry</i> , 51 (8), pp. 4742-4746. Cited 66 times.	4.857
260.	Khan, A.A.P., Asiri, A.M., Azum, N., Rub, M.A., Khan, A., Al-Youbi, A.O. Kinetics and mechanistic investigation of decarboxylation for the oxidation of levofloxacin by chloroamine-t in acidic medium (2012) <i>Industrial and Engineering Chemistry Research</i> , 51 (13), pp. 4819-4824. Cited 11 times.	2.843
259.	Asiri, A.M., Faidallah, H.M., Alamry, K.A., Ng, S.W., Tiekink, E.R.T. 4-[(1,3-Thia-zol-2-yl)sulfamo-yl]phenyl 2,2,2-trifluoro-acetate (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1156.	0
258.	Asiri, A.M., Faidallah, H.M., Al-Nemari, K.F., Ng, S.W., Tiekink, E.R.T. (2E)-2-[(2H-1,3-Benzodioxol-5-yl)methyl-idene]-2,3-dihydro-1H-inden-1-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1015. Cited 1 time.	0
257.	Asiri, A.M., Faidallah, H.M., Sobahi, T.R., Ng, S.W., Tiekink, E.R.T. 1-Phenyl-1H-pyrazole-4-carbaldehyde (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1088. Cited 1 time.	0

256.	Asiri, A.M., Faidallah, H.M., Sobahi, T.R., Ng, S.W., Tiekink, E.R.T. (4Z)-4-Benzyl-idene-2-phenyl-1,3-oxazol-5(4H)-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1154.	0
255.	Asiri, A.M., Faidallah, H.M., Hameed, S.A., Ng, S.W., Tiekink, E.R.T. 3,6-Dimethyl-1-phenyl-1H,4H-pyrano[2,3-c]pyrazol-4-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1120. Cited 1 time.	0
254.	El-Shishtawy, R.M., Salam, M.A., Gabal, M.A., Asiri, A.M. Preparation, characterization and electromagnetic properties of polyaniline/carbon nanotubes/nickel ferrite nanocomposites (2012) <i>Polymer Composites</i> , 33 (4), pp. 532-539. Cited 3 times.	2.324
253.	Asiri, A.M., Faidallah, H.M., Alamry, K.A., Ng, S.W., Tiekink, E.R.T. 3-Amino-1-(3,4-dimeth-oxy-phen-yl)-9,10-dihydro-phenanthrene-2, 4-dicarbonitrile (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1118-o1119. Cited 1 time.	0
252.	Asiri, A.M., Faidallah, H.M., Al-Thabaiti, S.A., Ng, S.W., Tiekink, E.R.T. N-Acetyl-N-[2,4-dicyano-1-(4-meth-oxy-phen-yl)-9,10-dihydro-phenanthren-3-yl]acetamide (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1177-o1178. Cited 1 time.	0
251.	Liu, S., Tian, J., Wang, L., Qin, X., Zhang, Y., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. A simple route for preparation of highly stable CuO nanoparticles for nonenzymatic glucose detection (2012) <i>Catalysis Science and Technology</i> , 2 (4), pp. 813-817. Cited 36 times.	5.773
250.	Asiri, A.M., Faidallah, H.M., Alamry, K.A., Ng, S.W., Tiekink, E.R.T. 2-(4-Sulfamoylphen-yl)hydrazin-1-ium chloride (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1140.	0
249.	Asiri, A.M., Faidallah, H.M., Khan, K.A., Ng, S.W., Tiekink, E.R.T. N,N'-Bis[(E)-1-(thio-phen-3-yl)ethyl-idene]ethane-1,2-diamine (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1026. Cited 3 times.	0
248.	Chang, G., Luo, Y., Lu, W., Qin, X., Asiri, A.M., Al-Youbi, A.O., Sun, X. Ag nanoparticles decorated polyaniline nanofibers: Synthesis, characterization, and applications toward catalytic reduction of 4-nitrophenol and electrochemical detection of H₂O₂ and glucose (2012) <i>Catalysis Science and Technology</i> , 2 (4), pp. 800-806. Cited 46 times.	5.773
247.	Al-Youbi, A.O., Asiri, A.M., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. 3,5-Dimethyl-1-phenyl-1H-pyrazole-4-carbaldehyde (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1051.	0
246.	Chang, G., Luo, Y., Lu, W., Qin, X., Liao, F., Asiri, A.M., Al-Youbi, A.O., Sun, X. Single-stranded DNA-based Immobilization of Ag nanoparticles for enzymeless H₂O₂ Detection (2012) <i>Current Nanoscience</i> , 8 (2), pp. 292-298.	1.062
245.	Asiri, A.M., Faidallah, H.M., Alamry, K.A., Ng, S.W., Tiekink, E.R.T. 4-[5-(Furan-2-yl)-3-trifluoro-methyl-1H-pyrazol-1-yl]benzene-sulfonamide (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1168-o1169.	0
244.	Asiri, A.M., Faidallah, H.M., Alamry, K.A., Ng, S.W., Tiekink, E.R.T. A second monoclinic polymorph for 3-amino-1-(4-meth-oxy-phen-yl)-9,10-dihydro-phenanthrene-2,4-dicarbonitrile	0

	(2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1157-o1158.	
243.	Al-Youbi, A.O., Asiri, A.M., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. 3-Amino-1-(thio-phen-2-yl)-9,10-dihydro-phenanthrene-2,4-dicarbonitrile (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1027-o1028. Cited 6 times.	0
242.	Lu, W., Luo, Y., Chang, G., Asiri, A.M., Al-Youbi, A.O., Sun, X. Supramolecular microfibrils of o-phenylenediamine dimers: Oxidation-induced formation of Au nanoparticle-decorated nanoplates for H₂O₂ detection (2012) <i>Current Nanoscience</i> , 8 (2), pp. 221-225. Cited 2 times.	1.062
241.	Asiri, A.M., Faidallah, H.M., Al-Nemari, K.F., Ng, S.W., Tiekink, E.R.T. (2E)-2-(Furan-2-yl-methyl-idene)-2,3-dihydro-1H-inden-1-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1065. Cited 2 times.	0
240.	Asiri, A.M., Faidallah, H.M., Sobahi, T.R., Ng, S.W., Tiekink, E.R.T. N-(4-Sulfamoylphen-yl)acetamide (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1155.	0
239.	Qin, X., Liu, S., Lu, W., Li, H., Chang, G., Zhang, Y., Tian, J., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. Submicrometre-scale polyaniline colloidal spheres: Photopolymerization preparation using fluorescent carbon nitride dots as a photocatalyst (2012) <i>Catalysis Science and Technology</i> , 2 (4), pp. 711-714. Cited 14 times.	5.773
238.	Al-Youbi, A.O., Asiri, A.M., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. 4a-Methyl-2,3,4,4a-tetra-hydro-1H-carbazole-6-sulfonamide (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1050.	0
237.	Al-Youbi, A.O., Asiri, A.M., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. 4-{2-[(E)-Cyclo-pentyl-idene]hydrazin-1-yl}benzene-sulfonamide (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1196.	0
236.	Asiri, A.M., Faidallah, H.M., Al-Thabaiti, S.A., Ng, S.W., Tiekink, E.R.T. 2-[(1-Methyl-1H-pyrrol-2-yl)methyl-idene]propane-dinitrile (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (4), pp. o1170. Cited 1 time.	0
235.	Zhang, Y., Tian, J., Liu, S., Wang, L., Qin, X., Lu, W., Chang, G., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. Novel application of CoFe layered double hydroxide nanoplates for colorimetric detection of H₂O₂ and glucose (2012) <i>Analyst</i> , 137 (6), pp. 1325-1328. Cited 30 times.	3.885
234.	Zhang, Y., Liu, S., Wang, L., Luo, Y., Tian, J., Asiri, A.M., Al-Youbi, A.O., Sun, X. Novel use of poly(3,4-ethylenedioxythiophene) nanoparticles for fluorescent nucleic acid detection (2012) <i>ACS Combinatorial Science</i> , 14 (3), pp. 191-196. Cited 2 times.	3.168
233.	Hussein, M.A., Asiri, A.M. Organometallic ferrocene- and phosphorus-containing polymers: Synthesis and characterization (2012) <i>Designed Monomers and Polymers</i> , 15 (3), pp. 207-251. Cited 7 times.	1.43
232.	Asiri, A.M., El-Hallag, I.S., Al-Youbi, A.O., Alamry, K.A., Khan, S.A. Electrochemical properties of 4-[(Anthracen-9-ylmethylene)-amino]-1, 5-dimethyl-2-phenyl-1,2-dihydro-pyrazol-3-one at a platinum electrode in acetonitrile solvent (2012) <i>Journal of New Materials for Electrochemical Systems</i> , 15 (2), pp. 113-121.	0
231.	Lu, S., Jin, T., Bao, M., Asiri, A.M., Yamamoto, Y. Palladium-catalyzed bisfunctionalization of active alkenes by β-acetonitrile-α-	2.379

	allyl addition: Application to the synthesis of unsymmetric 1,4-di(organo)fullerene derivatives (2012) <i>Tetrahedron Letters</i> , 53 (10), pp. 1210-1213. Cited 1 time.	
230.	Al-Sehemi, A.G., Irfan, A., Asiri, A.M. The DFT investigations of the electron injection in hydrazone-based sensitizers (2012) <i>Theoretical Chemistry Accounts</i> , 131 (3), pp. 1-10. Cited 16 times.	2.233
229.	Asiri, A.M., Faidallah, H.M., Al-Nemari, K.F., Ng, S.W., Tiekink, E.R.T. (2E)-2-(4-Bromobenzylidene)-2,3-dihydro-1H-inden-1-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (3), pp. o755. Cited 3 times.	0
228.	Asiri, A.M., Faidallah, H.M., Al-Nemari, K.F., Ng, S.W., Tiekink, E.R.T. (2E)-2-(4-Methoxybenzylidene)-2,3-di-hydro-1H-inden-1-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (3), pp. o815. Cited 1 time.	0
227.	Asiri, A.M., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. (2Z)-3-(3-Bromoanilino)-1-(5-hydroxy-3-methyl-1-phenyl-1H-pyrazol-4-yl) but-2-en-1-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (3), pp. o813.	0
226.	Asiri, A.M., Al-Youbi, A.O., Ng, S.W., Tiekink, E.R.T. (2Z)-1-(5-Hydroxy-3-methyl-1-phenyl-1H-pyrazol-4-yl)-3-(4-methylanilino) -but-2-en-1-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (3), pp. o794. Cited 2 times.	0
225.	Asiri, A.M., Faidallah, H.M., Al-Nemari, K.F., Ng, S.W., Tiekink, E.R.T. (2E)-2-[(2E)-3-Phenylprop-2-en-1-yl-idene]-2,3-dihydro-1H-inden-1-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (3), pp. o814. Cited 2 times.	0
224.	Asiri, A.M., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. 4-[(4Z)-4-[(2Z)-3-(4-Fluoroanilino)-1-hydroxybut-2-en-1-ylidene] -3-methyl-5-oxo-4,5-dihydro-1H-pyrazol-1-yl]-benzene-sulfonamide (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (3), pp. o762-o763. Cited 6 times.	0
223.	Asiri, A.M., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. (2Z)-3-(4-Fluoroanilino)-1-(5-hydroxy-3-methyl-1-phenyl-1H-pyrazol-4-yl) but-2-en-1-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (3), pp. o764. Cited 2 times.	0
222.	El-Daly, S.A., Asiri, A.M., Alamry, K.A., Hussein, M.A. Synthesis and spectral properties of 4-(2,5-dimethoxyphenylmethelene)-2-phenyl-5-oxazolone (DMPO) (2012) <i>Chinese Journal of Chemistry</i> , 30 (3), pp. 563-569. Cited 1 time.	1.852
221.	Teng, Z., Zheng, G., Dou, Y., Li, W., Mou, C.-Y., Zhang, X., Asiri, A.M., Zhao, D. Highly ordered mesoporous silica films with perpendicular mesochannels by a simple stöber-solution growth approach (2012) <i>Angewandte Chemie - International Edition</i> , 51 (9), pp. 2173-2177. Cited 45 times.	11.994
220.	Ferrara, G., Jin, T., Oniwa, K., Zhao, J., Asiri, A.M., Yamamoto, Y. Synthesis of new donor-acceptor-donor materials via Au-catalyzed double cascade cyclization (2012) <i>Tetrahedron Letters</i> , 53 (8), pp. 914-918. Cited 14 times.	2.379
219.	Tian, J., Liu, S., Li, H., Wang, L., Zhang, Y., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. One-step preparation of ZnO nanoparticle-decorated reduced graphene oxide composites and their application to photocurrent generation (2012) <i>RSC Advances</i> , 2 (4), pp. 1318-1321. Cited 18 times.	3.108

218.	Qin, X., Lu, W., Luo, Y., Chang, G., Asiri, A.M., Al-Youbi, A.O., Sun, X. Synthesis of Ag nanoparticle-decorated 2,4,6-tris(2-pyridyl)-1,3,5-triazine nanobelts and their application for H₂O₂ and glucose detection (2012) <i>Analyst</i> , 137 (4), pp. 939-943. Cited 22 times.	3.885
217.	Ibrahim, M., El-Barbary, A.A., El-Nahass, M.M., Kamel, M.A., El-Mansy, M.A.M., Asiri, A.M. On the spectroscopic analyses of (E)-3-(dicyclopropyl methylene)-dihydro-4- [1-(2,5 dimethylfuran-3-yl) ethylidene]furan-2,5-dione (2012) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 87, pp. 202-208. Cited 15 times.	2.098
216.	Ayyad, S.-E.N., Al-Footy, K.O., Alarif, W.M., Sobahi, T.R., Bassaif, S.A., Makki, M.S., Asiri, A.M., Al Halwani, A.Y., Badria, A.F., Badria, F.A.A.-R. Erratum: Bioactive C₁₅ acetogenins from the red alga <i>Laurencia obtusa</i> (Chemical and Pharmaceutical Bulletin (2012) 59, (1294)) (2012) <i>Chemical and Pharmaceutical Bulletin</i> , 60 (2), p. 283.	1.133
215.	Shafiq, M., Khan, I.U., Zia-Ur-Rehman, M., Arshad, M.N., Asiri, A.M. 2-[(E)-[(2Z)-(3-Chloro-1-methyl-2,2-dioxo-3,4-dihydro-1H-2, 1-benzothiazin-4-ylidene)hydrazinylidene]methyl]phenol (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (2), pp. o307.	0
214.	Hussein, M.A., Asiri, A.M., Aly, K.I. New polyamides and polyoxazoles based on diphenyl ether segments in the polymers' backbone (2012) <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 61 (2), pp. 154-175. Cited 4 times.	1.515
213.	Zhang, Y., Luo, Y., Tian, J., Asiri, A.M., Al-Youbi, A.O., Sun, X. Rectangular coordination polymer nanoplates: Large-scale, rapid synthesis and their application as a fluorescent sensing platform for DNA detection (2012) <i>PLoS ONE</i> , 7 (1), art. no. e30426, . Cited 7 times.	2.806
212.	Qian, X.F., Li, B., Hu, Y.Y., Niu, G.X., Zhang, D.Y.H., Che, R.C., Tang, Y., Su, D.S., Asiri, A.M., Zhao, D.Y. Exploring meso-/microporous composite molecular sieves with core-shell structures (2012) <i>Chemistry - A European Journal</i> , 18 (3), pp. 931-939. Cited 36 times.	5.317
211.	Ning, R., Lu, W., Zhang, Y., Qin, X., Luo, Y., Hu, J., Asiri, A.M., Al-Youbi, A.O., Sun, X. A novel strategy to synthesize Au nanoplates and their application for enzymeless H₂O₂ detection (2012) <i>Electrochimica Acta</i> , 60, pp. 13-16. Cited 25 times.	4.803
210.	Liu, S., Wang, L., Tian, J., Luo, Y., Chang, G., Asiri, A.M., Al-Youbi, A.O., Sun, X. Application of zeolitic imidazolate framework-8 nanoparticles for the fluorescence-enhanced detection of nucleic acids (2012) <i>ChemPlusChem</i> , 77 (1), pp. 23-26. Cited 5 times.	2.997
209.	Tian, J., Li, H., Xing, Z., Wang, L., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. One-pot green hydrothermal synthesis of CuO-Cu₂O-Cu nanorod-decorated reduced graphene oxide composites and their application in photocurrent generation (2012) <i>Catalysis Science and Technology</i> , 2 (11), pp. 2227-2230. Cited 16 times.	5.773
208.	Khan, S.B., Akhtar, K., Rahman, M.M., Asiri, A.M., Seo, J., Alamry, K.A., Han, H. A thermally and mechanically stable eco-friendly nanocomposite for chemical sensor applications (2012) <i>New Journal of Chemistry</i> , 36 (11), pp. 2368-2375. Cited 19 times.	3.277
207.	Wang, L., Qin, X., Liu, S., Luo, Y., Asiri, A.M., Al-Youbi, A.O., Sun, X. Single-stranded DNA-mediated immobilization of graphene on a gold electrode for sensitive and selective determination of dopamine (2012) <i>ChemPlusChem</i> , 77 (1), pp. 19-22. Cited 5 times.	3.277

206.	Khan, S.A., Asiri, A.M., Saleem, K. Synthesis and biological evaluation of new' oxime-ether derivatives of steroid as anti-bacterial agents (2012) <i>Journal of Saudi Chemical Society</i> , 16 (1), pp. 7-11. Cited 4 times.	2.887
205.	Irfan, A., Al-Sehemi, A.G., Asiri, A.M., Nadeem, M., Alamry, K.A. A study on the electronic and charge transfer properties in tin phthalocyanine (SnPc) derivatives by density functional theory (2011) <i>Computational and Theoretical Chemistry</i> , 977 (1-3), pp. 9-12. Cited 12 times.	1.403
204.	El-Hallag, I.S., Al-Youbi, A.O., Obaid, A.Y., El-Mossalamy, E.H., El-Daly, S.A., Asiri, A.M. Electrochemical investigation of cysteamine at carbon fiber microdisk electrode (2011) <i>Journal of the Chilean Chemical Society</i> , 56 (4), pp. 837-841.	0
203.	Asiri, A.M., Al-Youbi, A.O., Khan, S.A., Tahir, M.N. (2E)-1-(2,5-Dimethylthiophen-3-yl)-3-(3-nitrophenyl)prop-2-en-1-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (12), pp. o3333.	0
202.	Asiri, A.M., Al-Youbi, A.O., Khan, S.A., Tahir, M.N. 2-[(3,5-Dimethyl-1-phenyl-1H-pyrazol-4-yl)methylidene]indan-1,3-dione (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (12), pp. o3419.	0
201.	Asiri, A.M., Al-Youbi, A.O., Khan, S.A., Tahir, M.N. N-[(E)-Anthracen-9-ylmethylidene]-3,4-dimethyl-1,2-oxazol-5-amine (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (12), pp. o3487. Cited 1 time.	0
200.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Ng, S.W. 2-Amino-4-phenyl-5,6-dihydrobenzo[h]quinoline-3-carbonitrile-3-amino-1-phenyl-9,10-dihydrophenanthrene-2,4-dicarbonitrile (5/3) (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (11), pp. o2872. Cited 4 times.	0
199.	El-Daly, S.A., Asiri, A.M., Khan, S.A., Alamry, K.A., Hussein, M.A. Effect of medium acidity and photostability of 3-(4-dimethylamino-phenyl)- 1-(2,5-dimethyl-thiophen-3-yl)-propenone (DDTP): A new green emitting laser dye (2011) <i>Chinese Journal of Chemistry</i> , 29 (11), pp. 2557-2561. Cited 6 times.	1.852
198.	Asiri, A.M., Karabacak, M., Kurt, M., Alamry, K.A. Synthesis, molecular conformation, vibrational and electronic transition, isometric chemical shift, polarizability and hyperpolarizability analysis of 3-(4-Methoxy-phenyl)-2-(4-nitro-phenyl)-acrylonitrile: A combined experimental and theoretical analysis (2011) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 82 (1), pp. 444-455. Cited 38 times.	2.536
197.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Ng, S.W. 2-Amino-4-(4-chlorophenyl)-5,6-dihydrobenzo[h]quinoline-3-carbonitrile-3-amino-1-(4-chlorophenyl)-9,10-dihydrophenanthrene-2,4-dicarbonitrile (1/4) (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (11), pp. o2874. Cited 2 times.	0
196.	Faisal, M., Khan, S.B., Rahman, M.M., Jamal, A., Asiri, A.M., Abdullah, M.M. Synthesis, characterizations, photocatalytic and sensing studies of ZnO nanocapsules (2011) <i>Applied Surface Science</i> , 258 (2), pp. 672-677. Cited 41 times.	3.387
195.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Ng, S.W. 2-Amino-4-(3,4-dimethoxyphenyl)-5,6-dihydrobenzo[h]quinoline-3-carbonitrile-3-amino-1-(3,4-dimethoxyphenyl)-9,10-dihydrophenanthrene-2, 4-dicarbonitrile (1/19)	0

	(2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (11), pp. o2873. Cited 4 times.	
194.	Rahman, M.M., Khan, S.B., Jamal, A., Faisal, M., Asiri, A.M. Fabrication of phenyl-hydrazine chemical sensor based on Al-doped ZnO Nanoparticles (2011) <i>Sensors and Transducers</i> , 134 (11), pp. 32-44. Cited 16 times.	0
193.	Faidallah, H.M., Khan, K.A., Asiri, A.M. Synthesis and biological evaluation of new 3,5-di(trifluoromethyl)-1,2,4-triazolesulfonylurea and thiourea derivatives as antidiabetic and antimicrobial agents (2011) <i>Journal of Fluorine Chemistry</i> , 132 (11), pp. 870-877. Cited 18 times.	2.101
192.	Zia-Ur-Rehman, M., Elsegood, M.R.J., Arshad, M.N., Asiri, A.M. 2-Imino-3-(2-nitro-phen-yl)-1,3-thia-zolidin-4-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (10), pp. o2564.	0
191.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Badahdah, K.O., Ng, S.W. 4-(4-Chlorophenyl)-8-methyl-2-oxo-1,2,3,4,4a,5,6,7-octahydroquinoline-3-carbonitrile (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (10), pp. o2597.	0
190.	Ahmad, N., Zia-Ur-Rehman, M., Siddiqui, H.L., Arshad, M.N., Asiri, A.M. N'-[(E)-1-(4-Bromophenyl)ethylidene]-4-hydroxy-2-methyl-1, 1-dioxo-2H-1,2-benzothiazine-3-carbohydrazide (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (10), pp. o2613. Cited 1 time.	0
189.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Badahdah, K.O., Ng, S.W. 4-(4-Chlorophenyl)-8-methyl-2-oxo-1,2,5,6,7,8-hexahydroquinoline-3-carbonitrile (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (10), pp. o2596. Cited 2 times.	0
188.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Ng, S.W. 1,1,1-Trifluoro-4-(thiophen-2-yl)-4-[(2-([4,4,4-trifluoro-3-oxo-1-(thiophen-2-yl)but-1-en-1-yl]amino)ethyl)amino]but-3-en-2-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (10), pp. o2659-o2660. Cited 3 times.	0
187.	Ayyad, S.-E.N., Al-Footy, K.O., Alarif, W.M., Sobahi, T.R., Bassaif, S.A., Makki, M.S., Asiri, A.M., Al Halawani, A.Y., Badria, A.F., Badria, F.A.A.-R. Bioactive C15 acetogenins from the red alga <i>Laurencia obtusa</i> (2011) <i>Chemical and Pharmaceutical Bulletin</i> , 59 (10), pp. 1294-1298. Cited 10 times.	1.133
186.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Alamry, K.A., Ng, S.W. (E)-1-(Naphthalen-1-yl)-3-(1-phenyl-1H-pyrazol-4-yl)prop-2-en-1-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (10), pp. o2550.	0
185.	Asiri, A.M., Faidallah, H.M., Al-Youbi, A.O., Ng, S.W. 3-Amino-1-(4-bromophenyl)-9,10-dihydrophenanthrene-2,4-dicarbonitrile (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (10), pp. o2745. Cited 1 time.	0
184.	Al-Youbi, A.O., Asiri, A.M., Faidallah, H.M., Alamry, K.A., Ng, S.W. 3-Amino-1-methyl-9,10-dihydro-phenanthrene-2,4-dicarbonitrile (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (10), pp. o2569.	0
183.	Asiri, A.M., Khan, S.A. Anthracen-9-ylmethylene-(3,4-dimethylisoxazol-5-yl)amine (2011) <i>MolBank</i> , 2011 (3), pp. 1-3.	0

182.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Alamry, K.A., Ng, S.W. N,N'-Bis[1-(thiophen-2-yl)ethylidene]ethane-1,2-diamine (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2465. Cited 1 time.	0
181.	Asiri, A.M., Faidallah, H.M., Al-Youbi, A.O., Ng, S.W. 4-(3,5-Dimethyl-1H-pyrazol-1-yl)benzenesulfonamide (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2427. Cited 1 time.	0
180.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Alamry, K.A., Ng, S.W. (E)-2-Methyl-5-(thiophen-2-ylmethylidene)cyclopentan-1-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2443. Cited 1 time.	0
179.	Al-Youbi, A.O., Asiri, A.M., Faidallah, H.M., Alamry, K.A., Ng, S.W. 2-[(Indan-1-ylidene)amino]-ethanol (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2425.	0
178.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. Ethyl 5-((1E)-1-((E)-2-[1-(4-ethoxycarbonyl-3-methyl-1,2-oxazol-5-yl)ethylidene]hydrazin-1-ylidene)ethyl)-3-methyl-1,2-oxazole-4-carboxylate (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2316.	0
177.	Asiri, A.M., Faidallah, H.M., Al-Youbi, A.O., Sobahi, T.R., Ng, S.W. (Z)-2-Sulfanylidene-5-(thiophen-2-ylmethylidene)imidazolidin-4-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2429.	0
176.	Asiri, A.M., Khan, S.A., Tahir, M.N. N-[(E)-1,3-Benzodioxol-5-ylmethylidene]-3,4-dimethyl-1,2-oxazol-5-amine (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2305. Cited 1 time.	0
175.	Faisal, M., Khan, S.B., Rahman, M.M., Jamal, A., Asiri, A.M., Abdullah, M.M. Smart chemical sensor and active photo-catalyst for environmental pollutants (2011) <i>Chemical Engineering Journal</i> , 173 (1), pp. 178-184. Cited 43 times.	6.216
174.	Asiri, A.M., Khan, S.A., Tahir, M.N. 2-[(2-Chlorobenzylidene)amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carbonitrile (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2355. Cited 2 times.	0
173.	Asiri, A.M., Faidallah, H.M., Al-Youbi, A.O., Makki, M.S.I.T., Ng, S.W. 4-(3-Methyl-4,5-dihydro-1H-benzo[g]indazol-1-yl)benzenesulfonamide (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2441. Cited 1 time.	0
172.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. 4-(5-Phenyl-3-trifluoromethyl-1H-pyrazol-1-yl)benzenesulfonamide (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2424. Cited 6 times.	0
171.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Alamry, K.A., Ng, S.W. 4-(5,3'-Dimethyl-5'-oxo-2-phenyl-2',5'-dihydro-2H-[3,4']bipyrazol-1'-yl)benzenesulfonamide monohydrate (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2474.	0
170.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. 3-Amino-1-(2H-1,3-benzodioxol-5-yl)-9,10-dihydrophenanthrene-2,4-dicarbonitrile (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2438. Cited 5 times.	0

169.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. (2Z)-1-(5-Hydroxy-3-methyl-1-phenyl-1H-pyrazol-4-yl)-3-(4-methoxyanilino) but-2-en-1-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2353. Cited 4 times.	0
168.	Asiri, A.M., Faidallah, H.M., Al-Youbi, A.O., Obaid, A.Y., Ng, S.W. 4-(3,7-Dimethyl-4-oxo-4,5-dihydroisoxazolo[4,5-d]pyridazin-5-yl) benzenesulfonamide (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2466.	0
167.	Asiri, A.M., Faidallah, H.M., Al-Youbi, A.O., Alamry, K.A., Ng, S.W. 2-Oxo-4-(thiophen-2-yl)-1,2,5,6-tetrahydrobenzo[h]quinoline-3-carbonitrile (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2472. Cited 1 time.	0
166.	Al-Youbi, A.O., Asiri, A.M., Faidallah, H.M., Ng, S.W. 2,7-Dimethyl-1,3-thiazolo[4,5-d]pyridazin-4(5H)-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2467.	0
165.	Asiri, A.M., Faidallah, H.M., Al-Youbi, A.O., Basaif, S.A., Ng, S.W. 4-(3-Methyl-5-phenyl-1H-pyrazol-1-yl)benzenesulfonamide (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2426.	0
164.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. 3-Amino-1-(4-methoxyphenyl)-9,10-dihydrophenanthrene-2,4-dicarbonitrile (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2449. Cited 7 times.	0
163.	Asiri, A.M., Al-Youbi, A.O., Alamry, K.A., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. Ethyl (2E)-2-cyano-3-(1-methyl-1H-pyrrol-2-yl)prop-2-enoate (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2315. Cited 1 time.	0
162.	Asiri, A.M., Faidallah, H.M., Al-Youbi, A.O., Alamry, K.A., Ng, S.W. 4-(1,3-Benzodioxol-5-yl)-2-oxo-1,2,5,6-tetrahydrobenzo[h] quinoline-3-carbonitrile (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2471.	0
161.	Asiri, A.M., Faidallah, H.M., Al-Youbi, A.O., Alamry, K.A., Ng, S.W. 4-(4-Bromophenyl)-2-oxo-1,2,5,6-tetrahydrobenzo[h]quinoline-3-carbonitrile (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2469.	0
160.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Ng, S.W. 5-Hydroxy-3-phenyl-5-trifluoromethyl-4,5-dihydro-1H-pyrazole (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2442.	0
159.	El-Shishtawy, R.M., Asiri, A.M., Al-Otaibi, M.M. Synthesis and spectroscopic studies of stable aqueous dispersion of silver nanoparticles (2011) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 79 (5), pp. 1505-1510. Cited 16 times.	2.536
158.	Arshad, M.N., Khan, I.U., Holman, K.T., Asiri, A.M., Rafique, H.M. N-(2-Bromophenyl)-4-methyl-N-(4-methylphenylsulfonyl)benzenesulfonamide (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2356.	0
157.	Asiri, A.M., Faidallah, H.M., Al-Youbi, A.O., Alamry, K.A., Ng, S.W. 2-Oxo-4-phenyl-1,2,5,6-tetrahydrobenzo[h]quinoline-3-carbonitrile (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2468. Cited 1 time.	0

156.	Al-Youbi, A.O., Asiri, A.M., Faidallah, H.M., Alamry, K.A., Ng, S.W. 4-(5-Oxo-3-phenyl-4,5-dihydro-1H-pyrazol-1-yl)benzenesulfonamide (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2428. Cited 2 times.	0
155.	Asiri, A.M., Al-Youbi, A.O., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. Ethyl N-[4-(3-methyl-4,5-dihydrobenzo[g]indazol-1-yl)phenylsulfonyl]thiocarbamate ethanol monosolvate (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2450.	0
154.	Asiri, A.M., Faidallah, H.M., Al-Youbi, A.O., Alamry, K.A., Ng, S.W. 4-(4-Methoxyphenyl)-2-oxo-1,2,5,6-tetrahydrobenzo[h]quinoline-3-carbonitrile (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2470.	0
153.	Asiri, A.M., Khan, S.A., Tahir, M.N. 2-[(4-Chlorobenzylidene)amino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carbonitrile (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2254. Cited 3 times.	0
152.	Asiri, A.M., Faidallah, H.M., Al-Youbi, A.O., Alamry, K.A., Ng, S.W. 1-Benzoyl-3-[3-cyano-8-methyl-4-(1-methyl-1H-pyrrol-2-yl)-5,6,7, 8-tetrahydroquinolin-2-yl]thiourea (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (9), pp. o2430. Cited 1 time.	0
151.	Gabal, M.A., Asiri, A.M., Alangari, Y.M. On the structural and magnetic properties of La-substituted NiCuZn ferrites prepared using egg-white (2011) <i>Ceramics International</i> , 37 (7), pp. 2625-2630. Cited 13 times.	2.986
150.	Asiri, A.M., Khan, S.A., El-Hallag, I.S. Electrochemical studies of some carbazole derivatives via cyclic voltammetry and convolution - Deconvolution transforms (2011) <i>Journal of New Materials for Electrochemical Systems</i> , 14 (4), pp. 251-258. Cited 5 times.	0.222
149.	Shafiq, M., Khan, I.U., Zia-Ur-Rehman, M., Arshad, M.N., Asiri, A.M. 6-Bromo-1-methyl-4-[2-(4-methyl-benzylidene)hydrazinylidene]-3H-2λ 6,1-benzothia-zine-2,2-dione (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (8), pp. o2092. Cited 10 times.	0
148.	Shahwar, D., Raza, M.A., Aslam, S., Mehmood, S., Tariq, S., Asiri, A.M. 3-Benzyl-5-benzylidene-2-sulfanylidene-1,3-thiazolidin-4-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (8), pp. o2083.	0
147.	Asiri, A.M., Khan, S.A., Tahir, M.N. 4-[(Anthracen-9-yl-methyl-idene)amino]-1,5-dimethyl-2-phenyl-1H-pyrazol-3(2H)-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (8), pp. o2163. Cited 1 time.	0
146.	Asiri, A.M., Al-Youbi, A.O., Zayed, M.E.M., Ng, S.W. 1-Chloro-1-[(4-methoxyphenyl)hydrazinyl-idene]propan-2-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (8), pp. o1961. Cited 2 times.	0
145.	Asiri, A.M., Al-Youbi, A.O., Zayed, M.E.M., Ng, S.W. 1-Chloro-1-[(4-methylphenyl)hydrazinylidene]propan-2-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (8), pp. o1964. Cited 2 times.	0

144.	Asiri, A.M., Al-Youbi, A.O., Zayed, M.E.M., Ng, S.W. 1-Chloro-1-[(4-chlorophenyl)hydrazinyl-idene]propan-2-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (8), pp. o1962.	0
143.	Asiri, A.M., Khan, S.A., Tahir, M.N. 2-[(1,3-Benzodioxol-5-yl-methyl-idene)amino]-4,5,6,7-tetra-hydro-1-benzothio-phene-3-carbonitrile (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (8), pp. o2162. Cited 4 times.	0
142.	Asiri, A.M., Al-Youbi, A.O., Alamry, K.A., Faidallah, H.M., Ng, S.W., Tiekink, E.R.T. (2Z)-3-(4-Chloro-anilino)-1-(5-hydroxy-3-methyl-1-phenyl-1H-pyrazol-4-yl) but-2-en-1-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (8), pp. o2157. Cited 7 times.	0
141.	Shafiq, M., Khan, I.U., Zia-Ur-Rehman, M., Arshad, M.N., Asiri, A.M. 4-Hydrazinylidene-1-methyl-3H-2λ 6,1-benzothiazine-2, 2-dione (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (8), pp. o2038. Cited 6 times.	0
140.	Asiri, A.M., Al-Youbi, A.O., Zayed, M.E.M., Ng, S.W. 1-Chloro-1-[(4-nitrophenyl)hydrazinyl-idene]propan-2-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (8), pp. o1963. Cited 1 time.	0
139.	Shafiq, M., Khan, I.U., Zia-Ur-Rehman, M., Arshad, M.N., Asiri, A.M. 6-Bromo-4-hydrazinyl-idene-1-methyl-3H-2λ 6,1-benzothiazine-2,2- dione (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (8), pp. o2078. Cited 2 times.	0
138.	Arshad, M.N., Khan, I.U., Zia-Ur-Rehman, M., Shafiq, M., Asiri, A.M. Methyl 2-benzyl-4-hydroxy-1,1-dioxo-1,2,3,4-tetra-hydro-λ 6,2-benzothiazine-3-carboxyl-ate (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (7), pp. o1588-o1589. Cited 2 times.	0
137.	Asiri, A.M., Faidallah, H.M., Ng, S.W. (E,E)-4-{4-[3-(4-Chloro-anilino)-1-hydroxy-but-2-enyl-idene] -3-methyl-5-oxo-4,5-dihydro-1H-pyrazol-1-yl}-benzene-sulfonamide (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (7), pp. o1590.	0
136.	Asiri, A.M., Faidallah, H.M., Ng, S.W. 4-(2,7-Dimethyl-4-oxo-1,3-thiazolo[4,5-d]pyridazin-5-yl) benzene-sulfonamide (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (7), pp. o1665.	0
135.	Asiri, A.M., Faidallah, H.M., Ng, S.W. (E)-2-Methyl-6-[(1-phenyl-1H-pyrazol-4-yl)methyl-idene]cyclo-hexa-none (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (7), pp. o1611. Cited 1 time.	0
134.	Khan, S.A., Asiri, A.M. Synthesis of novel steroidal oxazolo quinoxaline as antibacterial agents (2011) <i>Arabian Journal of Chemistry</i> , 4 (3), pp. 349-354. Cited 3 times.	4.553
133.	Baghlaif, A.O., Ishaq, M., Al-Juaid, S.S., Asiri, A.M., Arshad, M.N. Dicarbonyl-dichlorido(N,N',N'-tetra-methyl-ethylenediamine) -ruthenium(II) (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (7), pp. m925.	0
132.	Asiri, A.M., Khan, S.A. Synthesis, characterization and optical properties of mono- and bis-chalcone (2011) <i>Materials Letters</i> , 65 (12), pp. 1749-1752. Cited 18 times.	2.572
131.	Henari, F.Z., Asiri, A.M. Non-linear refractive index measurement of (2E)-3-[4-(Dimethylamino)phenyl]	1.0

	-1-(2,5-dimethylthiophen-3-yl)prop-2-en-1-one and (2E)-3-(3,4-Dimethoxyphenyl)-1-(2,5-dimethylthiophen-3-yl)prop-2-en-1-one (2011) <i>Journal of Nonlinear Optical Physics and Materials</i> , 20 (2), pp. 183-191. Cited 2 times.	
130.	Arshad, M.N., Khan, I.U., Rafique, H.M., Asiri, A.M., Shafiq, M. 2-Chloro-4-(2-iodo-benzene-sulfonamido)-benzoic acid (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (6), pp. o1327. Cited 2 times.	0
129.	Asiri, A.M., Khan, S.A. (2E)-3-(4-dimethylaminophenyl)-1-(2,5-dimethylfuran-3-yl)-prop-2-en-1-one (2011) <i>MolBank</i> , 2011 (2), .	0
128.	Asiri, A.M., Khan, S.A. 4-[(anthracen-9-ylmethylene)amino]-1,5-dimethyl-2-phenyl-1,2-dihydropyrazol-3-one (2011) <i>MolBank</i> , 2011 (2), .	0
127.	Asiri, A.M., Al-Amoudi, M.S., Al-Talhi, T.A., Al-Talhi, A.D. Photodegradation of Rhodamine 6G and phenol red by nanosized TiO₂ under solar irradiation (2011) <i>Journal of Saudi Chemical Society</i> , 15 (2), pp. 121-128. Cited 8 times.	2.887
126.	Asiri, A.M., Khan, S.A. 2-[(3,5-Dimethyl-1-phenyl-1H-pyrazol-4-yl)methylene]indane-1,3-dione (2011) <i>MolBank</i> , 2011 (1), .	0
125.	Asiri, A.M., Khan, S.A., Khan, K.A. (2E)-1-(2,5-Dimethyl-3-thienyl)-3-(4-nitrophenyl)propenone (2011) <i>MolBank</i> , 2011 (1), .	0
124.	Faidallah, H.M., Khan, K.A., Asiri, A.M. Synthesis and biological evaluation of new 3- trifluoromethylpyrazolesulfonyl-urea and thiourea derivatives as antidiabetic and antimicrobial agents (2011) <i>Journal of Fluorine Chemistry</i> , 132 (2), pp. 131-137. Cited 29 times.	2.101
123.	Asiri, A.M., Khan, S.A. Synthesis and anti-bacterial activities of a bis-chalcone derived from thiophene and its bis-cyclized products (2011) <i>Molecules</i> , 16 (1), pp. 523-531. Cited 26 times.	2.861
122.	El-Shishtawy, R.M., Asiri, A.M., Abdelwahed, N.A.M., Al-Otaibi, M.M. In situ production of silver nanoparticle on cotton fabric and its antimicrobial evaluation (2011) <i>Cellulose</i> , 18 (1), pp. 75-82. Cited 47 times.	3.417
121.	Ayyad, S.-E.N., Makki, M.S., Al-Kayal, N.S., Basaif, S.A., El-Foty, K.O., Asiri, A.M., Alarif, W.M., Badria, F.A. Cytotoxic and protective DNA damage of three new diterpenoids from the brown alga Dictyota dichotoma (2011) <i>European Journal of Medicinal Chemistry</i> , 46 (1), pp. 175-182. Cited 16 times.	4.519
120.	Asiri, A.M., Khan, S.A., Tahir, M.N. 2,4,5-Trimethoxybenzaldehyde monohydrate (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (12), pp. o3270. Cited 1 time.	0
119.	Asiri, A.M., Khan, S.A. 2e,2'e-3,3'-(1,4-phenylene)bis(1-(2,5-dimethylfuran-3-yl)prop-2-en-1-one (2010) <i>MolBank</i> , 2010 (3), pp. 1-3. Cited 1 time.	0
118.	Asiri, A.M., Khan, S.A. Synthesis and anti-bacterial activities of some novel schiff bases derived from aminophenazone (2010) <i>Molecules</i> , 15 (10), pp. 6850-6858. Cited 27 times.	2.861
117.	Asiri, A.M., Ng, S.W. 6-Amino-5-(1-amino-2,2-dicyanovinyl)-3,3a,4,5-tetrahydro-2H-indene-4-spiro-	0

	1'-cyclo-pentane-3a,7-dicarbonitrile-thio-phene-2-carbaldehyde (1/0.5) (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (10), pp. o2484-o2485.	
116.	Asiri, A.M., Khan, S.A., Tahir, M.N. 3,4-Dimethyl-N-[(E)-3-nitrobenzylidene]-1,2-oxazol-5-amine (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (10), pp. o2539. Cited 1 time.	0
115.	Asiri, A.M., Khan, S.A., Tahir, M.N. (2E)-1-(2,5-Dimethyl-3-thienyl)-3-(2-methoxyphenyl)prop-2-en-1-one (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (9), pp. o2358. Cited 3 times.	0
114.	Asiri, A.M., Khan, S.A., Tahir, M.N. (2E)-3-[4-(Dimethylamino)phenyl]-1-(2,5-dimethyl-3-thienyl)prop-2-en-1-one (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (9), pp. o2404. Cited 2 times.	0
113.	Asiri, A.M., Zayed, M.E.M., Ng, S.W. Ethyl 2-chloro-[2-(4-chlorophenyl)hydrazin-1-ylidene]acetate (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (9), pp. o2375.	0
112.	Asiri, A.M., Zayed, M.E.M., Ng, S.W. (E)-N'-(9-Anthrylmethylidene)-p-toluene-sulfonohydrazide (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (9), pp. o2361.	0
111.	Asiri, A.M., Khan, S.A., Tahir, M.N. (E)-1-(2,5-Dimethyl-3-thienyl)-3-(2-hydroxyphenyl)prop-2-en-1-one (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (9), pp. o2259-o2260. Cited 2 times.	0
110.	Asiri, A.M., Zayed, M.E.M., Ng, S.W. Ethyl (Z)-2-chloro-2-(2-phenylhydrazin-1-ylidene)acetate (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (9), pp. o2374. Cited 4 times.	0
109.	Asiri, A.M., Zayed, M.E.M., Ng, S.W. (E)-N'-(2-Thienylmethylidene)-p-toluene-sulfonohydrazide (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (9), pp. o2360.	0
108.	Asiri, A.M., Khan, S.A. 1-(2,5-dimethyl-3-thienyl)-3-(2,4,5-trimethoxyphenyl)prop-2-en-1-one (2010) <i>MolBank</i> , 2010 (3), pp. 1-3.	0
107.	Asiri, A.M., Khan, S.A. (2E)-3-(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)-1-(2,5-dimethyl-3-furanyl)prop-2-en-1-one (2010) <i>MolBank</i> , 2010 (2), pp. 1-3.	0
106.	Asiri, A.M., Khan, S.A., Rasul, M.G. N-[(9-ethyl-9H-carbazol-3-yl)methylene]-3,4-dimethylisoxazol-5-amine (2010) <i>MolBank</i> , 2010 (2), pp. 1-3.	0
105.	Asiri, A.M., Khan, S.A. (2E)-3-(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)-1-(2,5-dimethyl-3-thienyl)prop-2-en-1-one (2010) <i>MolBank</i> , 2010 (2), pp. 1-3.	0
104.	Asiri, A.M., Khan, S.A., Tan, K.W., Ng, S.W. 3,4-Dimethyl-N-(2,4,5-triMethoxybenzylidene)-1,2-isoxazol-5-amine (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (8), pp. o2019. Cited 2 times.	0
103.	Asiri, A.M., Khan, S.A., Tahir, M.N. (2E)-3-(3,4-dimethoxyphenyl)-1-(2,5-dimethylthiophen-3-yl)prop-2-en-1-one	0

	(2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (8), pp. o2133. Cited 5 times.	
102.	Hussain, A., Tahir, M.N., Tariq, M.I., Ahmad, S., Asiri, A.M. 2,3-Dimethyl-N-[(E)-2,4,5-trimethoxybenzylidene]aniline (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (8), pp. o1953. Cited 5 times.	0
101.	Asiri, A.M., Khan, S.A., Tahir, M.N. (E)-1-(2,5-Dimethyl-3-thienyl)-3-(2,4,5-trimethoxyphenyl)prop-2-en-1-one (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (8), pp. o2099. Cited 4 times.	0
100.	Asiri, A.M., Khan, S.A., Tan, K.W., Ng, S.W. N-[(9-Ethyl-9H-carbazol-3-yl)methylidene]-3,4-dimethyl-isoxazol-5-amine (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (8), pp. o2046. Cited 1 time.	0
99.	Asiri, A.M., Khan, S.A., Tahir, M.N. N-(4-Chlorobenzylidene)-3,4-dimethylisoxazol-5-amine (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (8), pp. o2127. Cited 2 times.	0
98.	Asiri, A.M., Khan, S.A., Tahir, M.N. N-(4-Bromobenzylidene)-3,4-dimethylisoxazol-5-amine (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (8), pp. o2077. Cited 2 times.	0
97.	Fun, H.-K., Hemamalini, M., Asiri, A.M., Khan, S.A. 4-[(E)-(2,4,5-Trimethoxybenzylidene)amino]-1,5-dimethyl-2-phenyl-1H-pyrazol-3(2H)-one (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (7), pp. o1656-o1657. Cited 1 time.	0
96.	Asiri, A.M., Khan, S.A., Tan, K.W., Ng, S.W. A monoclinic modification of 2-[(1,3-benzothiazol-2-yl)iminomethyl]phenol (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (7), pp. o1826. Cited 2 times.	0
95.	Fun, H.-K., Hemamalini, M., Asiri, A.M., Khan, S.A. 4-{E}-[2-(4-Iodobutoxy)benzylidene]amino}-1,5-dimethyl-2-phenyl-1H-pyrazol-3(2H)-one (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (7), pp. o1588-o1589.	0
94.	Asiri, A.M., Khan, S.A., Tan, K.W., Ng, S.W. N-[4-(Dimethylamino)-benzylidene]-3,4-dimethylisoxazol-5-amine (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (7), pp. o1783. Cited 2 times.	0
93.	Asiri, A.M., Khan, S.A., Tan, K.W., Ng, S.W. 4-[[4-(Dimethylamino)benzylidene]-amino]-1,5-dimethyl-2-phenyl-1H-pyrazol-3(2H)-one (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (7), pp. o1751.	0
92.	Fun, H.-K., Hemamalini, M., Asiri, A.M., Khan, S.A. 4-[[E)-(3,5-Dimethyl-1-phenyl-1H-pyrazol-4-yl)methylidene]amino]-1, 5-dimethyl-2-phenyl-1H-pyrazol-3(2H)-one (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (7), pp. o1602-o1603. Cited 1 time.	0
91.	Asiri, A.M., Khan, S.A., Tan, K.W., Ng, S.W. Trans-3-(3,4-Dimethoxyphenyl)-2-(4-nitrophenyl)prop-2-ene-nitrile (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (7), pp. o1733. Cited 3 times.	0
90.	Asiri, A.M., Khan, S.A., Tan, K.W., Ng, S.W. N-(1,5-Dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl) acetamide-	0

	naphthalene-2,3-diol (1/1) (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (7), pp. o1850. Cited 1 time.	
89.	Asiri, A.M., Khan, S.A., Tan, K.W., Ng, S.W. 4-[(9-Ethyl-9H-carbazol-3-yl)methylideneamino]-1,5-dimethyl-2-phenyl-1H-pyrazol-3(2H)-one (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (7), pp. o1782.	0
88.	Asiri, A.M., Khan, S.A., Tan, K.W., Ng, S.W. 4-Nitroaniline-2,4,6-trimethoxybenzaldehyde (1/1) (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (7), pp. o1765. Cited 1 time.	0
87.	Asiri, A.M., Khan, S.A., Tan, K.W., Ng, S.W. 4-[(3,4-Dimethoxybenzylidene)amino]-1,5-dimethyl-2-phenyl-1H-pyrazol-3(2H)-one (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (7), pp. o1732.	0
86.	Asiri, A.M., Khan, S.A. Palladium(II) Complexes of NS Donor Ligands Derived from Steroidal Thiosemicarbazones as Antibacterial Agents (2010) <i>Molecules</i> , 15 (7), pp. 4784-4791. Cited 17 times.	2.861
85.	Asiri, A.M., Khan, S.A. 5,5'-(1,4-phenylenedimethylidene)bis(1,3-diethyl-2-thioxodihydropyrimidine-4,6(1H,5H)-dione) (2010) <i>MolBank</i> , 2010 (1), pp. 1-3.	0
84.	Asiri, A.M., Khan, S.A. 1-[(3,4-dimethylisoxazol-5-yl)imino]methyl}-2-naphthol (2010) <i>MolBank</i> , 2010 (1), pp. 1-3.	0
83.	Asiri, A.M., Khan, S.A. 5-[(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)methylene]-1,3-diethyl-2-thioxodihydropyrimidine-4,6(1H,5H)-dione (2010) <i>MolBank</i> , 2010 (1), pp. 1-3.	0
82.	Asiri, A.M., Khan, S.A. N-[1-(2,5-dimethyl-3-thienyl)ethylidene]-1,3-benzothiazol-2- amine (2010) <i>MolBank</i> , 2010 (1), pp. 1-3.	0
81.	El-Shishtawy, R.M., Asiri, A.M., Basaif, S.A., Rashad Sobahi, T. Synthesis of a new β-naphthothiazole monomethine cyanine dye for the detection of DNA in aqueous solution (2010) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 75 (5), pp. 1605-1609. Cited 10 times.	2.536
80.	Fun, H.-K., Hemamalini, M., Asiri, A.M., Khan, S.A., Khan, K.A. 2-[(E)-(3,4-Dimethyl-isoxazol-5-yl)imino-meth-yl]phenol (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (4), pp. o773-o774. Cited 3 times.	0
79.	Fun, H.-K., Goh, J.H., Asiri, A.M., Khan, S.A., Khan, K.A. 2-[(1Z)-(9-Ethyl-9H-carbazol-3-yl)methylideneamino]-4,5,6, 7-tetrahydro-1-benzothiophene-3-carbonitrile-benzene (2/1) (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (5), pp. o1200-o1201. Cited 1 time.	0
78.	Fun, H.-K., Hemamalini, M., Asiri, A.M., Khan, S.A. 1-[(E)-(3,4-Dimethyl-isoxazol-5-yl)iminomethyl]-2-naphthol (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (5), pp. o1037-o1038. Cited 2 times.	0
77.	Bahajaj, A.A., Asiri, A.M., Alsoliemy, A.M., Al-Sehemi, A.G. Photochromic properties of 1',3',3'-trimethyl-6- nitrospiro[2H-1-benzopyran-	0.67

	2,2'-indoline] doped in PMMA and epoxy resin thin films (2010) <i>Pigment and Resin Technology</i> , 39 (2), pp. 71-76.	
76.	Asiri, A.M., Khan, S.A. 2,6-bis(9-ethyl-9H-carbazolylmethylene)cyclohexanone (2009) <i>MolBank</i> , 2009 (4), pp. 1-3. Cited 1 time.	0
75.	Asiri, A.M., Khan, S.A. (2E,2'E)-3,3-(1,4-phenylene)bis[1-(2,5-dimethyl-3-thienyl)prop-2-en-1-one] (2009) <i>MolBank</i> , 2009 (4), pp. 1-3. Cited 1 time.	0
74.	Shah, M.A., Al-Shahry, M.S., Asiri, A.M. Biomedical applications of iron oxide nanostructures (2009) <i>International Journal of Nano and Biomaterials</i> , 2 (1-5), pp. 164-172. Cited 4 times.	0
73.	Bahajaj, A.A., Asiri, A.M., Alsoliemy, A.M., Al-Sehemi, A.G. Photochromic properties of 7',8'-dichloro-1,3,3-trimethylspiro[indoline-2, 3'-[3H]benzo[b][1,4]oxazine] doped in PMMA and epoxy resin thin films (2009) <i>Pigment and Resin Technology</i> , 38 (6), pp. 353-358. Cited 5 times.	0.67
72.	Shah, M.A., Al-Shahry, M.S., Asiri, A.M. Simple approach for the synthesis of zinc oxide nanorods (2009) <i>International Journal of Nanoparticles</i> , 2 (1-6), pp. 66-73. Cited 3 times.	0
71.	Shettigar, S., Umesh, G., Poornesh, P., Manjunatha, K.B., Asiri, A.M. The third-order nonlinear optical properties of novel styryl dyes (2009) <i>Dyes and Pigments</i> , 83 (2), pp. 207-210. Cited 8 times.	3.743
70.	Khan, S.A., Asiri, A.M., Yusuf, M. Erratum to "Synthesis and biological evaluation of some thiazolidinone derivatives of steroid as antibacterial agents" [Eur. J. Med. Chem. 44 (2009) 2597-2600] [DOI:10.1016/j.ejmech.2008.09.004] (2009) <i>European Journal of Medicinal Chemistry</i> , 44 (11), p. 4784.	4.519
69.	Asiri, A.M.A., Baghaffar, G.A., Badahdah, K.O., Al-Sehemi, A.G.M., Khan, S.A., Bukhari, A.A. Multifunctional switches based on bis-imidazole derivative (2009) <i>Journal of Chemical Sciences</i> , 121 (6), pp. 983-987.	1.235
68.	Asiri, A.M., Akkurt, M., Khan, I.U., Arshad, M.N., Khan, S.A. (2Z)-2-(4-Methyl-phen-yl)-3-(2-naphth-yl)prop-2-enitrile (2009) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 65 (10), pp. o2409. Cited 1 time.	0
67.	Asiri, A.M., Khan, S.A., Ng, S.W. (2E,2'E)-1,1'-Bis(2,5-dimethyl-3-thien-yl)-3, 3'-(p-phenyl-ene)diprop-2-en-1-one (2009) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 65 (8), pp. o1726. Cited 1 time.	0
66.	Asiri, A.M., Ng, S.W. (E)-4-(2,5-Dimethoxy-benzyl-idene)-2-phenyl-1,3-oxazol-5(4H)-one (2009) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 65 (8), pp. o1746. Cited 1 time.	0
65.	Asiri, A.M., Khan, S.A., Ng, S.W. Pyridinium 5-[(1,3-diethyl-6-hydr-oxy-4-oxo-2-thioxo-1,2,3,4-tetra-hydro-pyrimidin-5-yl)(2-methoxy-phen-yl)meth-yl]-1,3-diethyl-4,6-dioxo-2-thioxopyrimidin-5-ide (2009) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 65 (8), pp. o1860-o1861. Cited 4 times.	0
64.	Asiri, A.M., Khan, S.A., Ng, S.W. 5-[3-(2,5-Dimethoxy-phen-yl)prop-2-enyl-idene]-1,3-diethyl-2-thioxohexa-hydro-pyrimidine-4,6-dione (2009) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 65 (8), pp. o1820. Cited 1 time.	0
63.	Asiri, A.M., Akkurt, M., Khan, S.A., Arshad, M.N., Khan, I.U., Sharif, H.M.A. 2-Benzenesulfonamidobenzoic acid	0

	(2009) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 65 (6), pp. o1246-o1247. Cited 9 times.	
62.	Asiri, A.M., Akkurt, M., Khan, S.A., Khan, I.U., Arshad, M.N. (E)-2-Cyano-3-[4-(dimethyl-amino)phen-yl]-N-phenyl-prop-2-enamide (2009) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 65 (6), pp. o1303.	0
61.	Asiri, A.M., Bahajaj, A.A., Al-Sehemi, A.G., Alsoliemy, A.M. Photochromic properties of 1,3,3-trimethylspiro[indoline-2,3'-[3H]naphtho[2,1-b][1,4]oxazine] doped in PMMA and epoxy resin thin films (2009) <i>Arabian Journal of Chemistry</i> , 2 (1), pp. 13-17. Cited 1 time.	4.553
60.	Asiri, A.M., Akkurt, M., Khan, S.A., Khan, I.U., Arshad, M.N. Ethyl (Z)-2-cyano-3-(9-ethyl-9H-carbazol-3-yl)prop-2-enoate (2009) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 65 (5), pp. o1169.	0
59.	Asiri, A.M., Akkurt, M., Zayed, M.A.M., Khan, I.U., Arshad, M.N. 2-[(E)-2,5-Dimethoxy-benzyl-idene]indan-1-one (2009) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 65 (5), pp. o1061.	0
58.	Shah, M.A., Asiri, A.M. Synthesis and characterization of α-Fe₂O₃ nanorods by a simple reaction of iron and water (2009) <i>International Journal of Modern Physics B</i> , 23 (10), pp. 2323-2327. Cited 1 time.	0.736
57.	Asiri, A.M., Ng, S.W. (E,E)-2-[3,4-Bis(4-methyl-benzyl-idene)-5-oxotetra-hydro-furan-2-yl-idene] propane-dinitrile (2009) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 65 (4), pp. o761. Cited 1 time.	0
56.	Badahdaha, K.O., Asiri, A.M., Ng, S.W. 2-(1,3-Benzothia-zol-2-ylimino-meth-yl)-2-naphthol (2009) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 65 (4), pp. o759. Cited 1 time.	0
55.	Asiri, A.M., Ng, S.W. Diethyl 3H-naphtho[2,1-b]pyran-2,3-dicarboxyl-ate (2009) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 65 (4), pp. o760.	0
54.	Asiri, A.M., Akkurt, M., Khan, I.U., Arshad, M.N. 4-(2-Methoxybenzylidene)-2-phenyl-1,3-oxazol-5(4H)-one (2009) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 65 (4), pp. o842. Cited 1 time.	0
53.	Asiri, A.M., Baghaffar, G.A., Al-Amoudi, M.S., Al-Sehemi, A.G. Synthesis, characterization, thermal stability and nonlinear optical properties of push-pull chromophores containing ferrocene donor group (2009) <i>Optoelectronics and Advanced Materials, Rapid Communications</i> , 3 (4), pp. 364-370.	0.47
52.	Asiri, A.M., Rasul, M.G. Synthesis of (2E)-2-(2,4,6-trimethoxybenzylidene)indan-1-one (2009) <i>MolBank</i> , 2009 (1), .	0
51.	Akkurt, M., Yldrm, S., Asiri, A.M., McKee, V. Ethyl 5-acetyl-2-amino-4-methyl-thio-phene-3-carboxyl-ate (2008) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 64 (6), pp. o1084. Cited 1 time.	0
50.	Asiri, A.M. 2-(Pyrazin-2-yliminomethyl)phenol (2008) <i>MolBank</i> , 2008 (2), .	0

49.	Bahajaj, A.A., Asiri, A.M. Photochromic properties of (E)-dicyclopropylmethylene-(2,5-dimethyl-3-furylethylidene)-succinic anhydride doped in polystyrene thin films (2008) <i>Chinese Journal of Polymer Science (English Edition)</i> , 26 (4), pp. 433-441. Cited 3 times.	1.692
48.	Baghaffar, G.A., Asiri, A.M. The effects of organic additives on photochromism. Part I: The photochromic performance of (E)-dicyclopropylmethylene-(2,5-dimethyl-3-furylethylidene)-succinic anhydride and ferrocene containing dye doped in PMMA polymer film (2008) <i>Pigment and Resin Technology</i> , 37 (3), pp. 145-150. Cited 2 times.	0.67
47.	Bahajaj, A.A., Asiri, A.M. Photochromic properties of (E)-3-(2-adamantylidene)-2-[5-(4-diethylaminophenyl)-2-methyl-3-furylethylidene] succinic anhydride doped in polystyrene film (2008) <i>Pigment and Resin Technology</i> , 37 (3), pp. 140-144. Cited 2 times.	0.67
46.	Akkurt, M., Yalçın, Ş.P., Asiri, A.M., Büyükgüngör, O. Diethyl 5-[(2-hydr-oxy-1-naphth-yl)methyl-ideneamino]-3-methyl-thio-phene-2,4-dicarboxyl-ate (2008) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 64 (5), pp. o923. Cited 4 times.	0
45.	Akkurt, M., Karaca, S., Asiri, A.M., Büyükgüngör, O. Methyl 2-(2-hydroxy-benzyl-ideneamino)-4,5,6,7-tetra-hydro-1-benzothio-phene-3-carboxyl-ate (2008) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 64 (5), pp. o869. Cited 8 times.	0
44.	Baghaffar, G.A., Asiri, A.M., Babgi, B.M., Al-Amoudi, M.S. Synthesis, characterisation and thermal stability of 2-ferrocenylidene (1-tetralone), 2-ferrocenylideneindan-1,3-dione, diferrocenylidenecyclohexanone and diferrocenylidenecyclopentanone (2008) <i>Pigment and Resin Technology</i> , 37 (2), pp. 87-92.	0.67
43.	Akkurt, M., Yildirim, S.Ö., Asiri, A.M., McKee, V. 4-[(2-Hydr-oxy-1-naphth-yl)methyl-idene-amino]benzoic acid (2008) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 64 (4), pp. o682. Cited 4 times.	0
42.	Bahajaj, A.A., Asiri, A.M. Photocoloration and photobleaching of 3-(2-adamantylidene)-2-[5-(p-diethylamino)phenyl-2-methyl-3-furylethylidene]-succinic anhydride doped in PMMA polymer film (2007) <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 191 (2-3), pp. 182-186. Cited 4 times.	2.625
41.	Asiri, A.M., Badahdah, K.O. Synthesis of some new anils: Part 1. Reaction of 2-hydroxy-benzaldehyde and 2-hydroxynaphthaldehyde with 2-aminopyridine and 2-aminopyrazine (2007) <i>Molecules</i> , 12 (8), pp. 1796-1804. Cited 21 times.	2.861
40.	Asiri, A.M., Baghaffar, G.A., Ismaiel, N.H. Novel light sensitive system derived from tetracyanoquinodimethane and anilines (2007) <i>Pigment and Resin Technology</i> , 36 (4), pp. 235-240.	0.67
39.	Asiri, A.M. 2-(Pyrazin-2-yliminomethyl)phenol (2007) <i>MolBank</i> , 2007 (2), .	0
38.	Asiri, A.M. 2-[(2-Hydroxy-naphthalen-1-ylmethylene)-amino]- 5,6-dihydro-4H-cyclopenta [b] thiophene-3-carboxylic acid methyl ester (2007) <i>MolBank</i> , 2007 (2), .	0

37.	Asiri, A.M. 2-[(2-Hydroxy-benzylidene)-amino]-5,6-dihydro-4H-cyclopenta [b] thiophene-3-carboxylic acid methyl ester (2007) <i>MolBank</i> , 2007 (3), .	0
36.	Asiri, A.M., Fatani, N.A. Novel dyes derived from hydrazones. Part 4. Synthesis and characterizations of 2-[4-[(2E)-2-(1-arylylidene)hydrazino]phenyl]ethylene-1,1,2-tricarbonitrile (2007) <i>Dyes and Pigments</i> , 72 (2), pp. 217-222. Cited 6 times.	3.743
35.	Asiri, A.M., Al-Amoudi, M.S. Synthesis, characterisation and thermal stability of 5-ferrocenylidene-(1, 3-dimethylbarbituric acid) and 5-ferrocenylidene-(1, 3-diethylthiobarbituric acid) (2006) <i>Pigment and Resin Technology</i> , 35 (5), pp. 270-277. Cited 2 times.	0.67
34.	Asiri, A.M., Badahdah, K.O. Synthesis, photochromic, thermochromic, piezochromic and solvatochromic properties of new bis-imidazole derived from substituted chlorobenzaldehyds (2006) <i>Pigment and Resin Technology</i> , 35 (4), pp. 200-204. Cited 5 times.	0.67
33.	Asiri, A.M., Ismaiel, N.H. Novel photochromic system derived from tetracyanoquinodimethane and pyrazoles (2006) <i>Pigment and Resin Technology</i> , 35 (3), pp. 147-150. Cited 2 times.	0.67
32.	Bahajaj, A.A., Asiri, A.M. Photochromic properties of (E)-dicyclopropyl-methylene-(2,5-dimethyl-3-furylethylidene)-succinic anhydride doped in PMMA polymer film (2006) <i>Optical Materials</i> , 28 (8-9), pp. 1064-1067. Cited 12 times.	2.238
31.	Asiri, A.M., Bahajaj, A.A., Ismail, I.M.I., Fatani, N.A. Novel dyes derived from hydrazones: Part 3. Synthesis and characterizations of 2-[4-(1-phenylethylidene)hydrazino]phenylethylene-1,1,2-tricarbonitrile (2006) <i>Dyes and Pigments</i> , 71 (2), pp. 103-108. Cited 3 times.	3.743
30.	Asiri, A.M., Ismail, I.M.I., Al-Amry, K.A., Fatani, N.A. Novel dyes derived from hydrazones. Part 2: Synthesis and characterizations of N-methyl-4-tricyanovinylidenepheryl-hydrazones (2005) <i>Dyes and Pigments</i> , 67 (2), pp. 111-115. Cited 8 times.	3.743
29.	Bahajaj, A.A., Asiri, A.M. Photochromic properties of (E)-dicyclopropylmethylene-(2,5-dimethyl-3-furylethylidene)-succinic anhydride doped in epoxy polymer film (2005) <i>Pigment and Resin Technology</i> , 34 (5), pp. 275-281. Cited 7 times.	0.67
28.	Asiri, A.M., Ismail, I.M.I. Synthesis of diethyl 2H-naphtho[2,1,b]pyran-2,3-dicarboxylate and some related compounds as UV absorbers (2005) <i>Pigment and Resin Technology</i> , 34 (1), pp. 33-36. Cited 1 time.	0.67
27.	Asiri, A.M. Synthesis and absorption spectral properties of bis-methine dyes exemplified by 2,5-Bis-arylidenel-dicyanomethylene-cyclopentane (2004) <i>Journal of the Chemical Society of Pakistan</i> , 26 (1), pp. 57-60. Cited 4 times.	0.327
26.	Asiri, A.M. Synthesis and characterisation of methine dyes derived from condensation of 4-nitrophenylacetonitrile with aromatic aldehydes (2004) <i>Pigment and Resin Technology</i> , 33 (6), pp. 370-374. Cited 2 times.	0.67
25.	El-Nahass, M.M., Abd-El-Rahman, K.F., Al-Ghamdi, A.A., Asiri, A.M. Optical properties of thermally evaporated tin-phthalocyanine dichloride thin films, SnPcCl₂ (2004) <i>Physica B: Condensed Matter</i> , 344 (1-4), pp. 398-406. Cited 37 times.	1.405
24.	Asiri, A.M., Faidallah, H.M., Albar, H.M., Sharshira, E.M. Synthesis of 1-p-sulfamylphenyl-3 trifluoromethylpyrazoles class of	0.542

	cyclooxygenase-2 inhibitors (2003) <i>Heterocyclic Communications</i> , 9 (5), pp. 483-488. Cited 6 times.	
23.	Asiri, A.M. Synthesis and characterisation of new coumarin derivatives as ultraviolet absorbers (2003) <i>Pigment and Resin Technology</i> , 32 (5), pp. 326-330. Cited 3 times.	0.67
22.	Asiri, A.M. Synthesis and photochromism of E,E-3,4-(3,5-dimethoxybenzylidene succinic anhydride and its infra red active 2-dicyanomethylene derivative (2003) <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 159 (1), pp. 1-5. Cited 12 times.	2.625
21.	Asiri, A.M. Synthesis of 11-tricyanovinyl and 11-(7,8,8-tricyanoquino-dimethane)-1,3,3-trimethyl-2-methyleneindoline (2003) <i>Kuwait Journal of Science and Engineering</i> , 30 (1), pp. 71-78. Cited 2 times.	0.312
20.	Asiri, A.M. Synthesis and absorption spectral properties of bis-methine dyes exemplified by 2,5-bis-arylidene-1-dicyanomethylene-cyclopentanes (2003) <i>Bulletin of the Korean Chemical Society</i> , 24 (4), pp. 426-430. Cited 12 times.	0.602
19.	Asiri, A.M. A convenient method for conversion of the Z-isomer to the E-isomer from a mixture containing both isomers of fulgides (2002) <i>Tetrahedron Letters</i> , 43 (38), pp. 6815-6817. Cited 4 times.	2.193
18.	Asiri, A.M. Photochromic properties of a vacuum-deposited film of (E)-dicyclopropylmethylene-(2,5-dimethyl-3-furylthylidene)succinic anhydride (2001) <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 146 (1-2), pp. 133-135. Cited 10 times.	2.625
17.	Asiri, A.M. Organometallic dyes: Part 1. Synthesis of orange to cyan dyes based on donor-conjugated-acceptor chromogenes using ferrocene as the donor group (2001) <i>Applied Organometallic Chemistry</i> , 15 (11), pp. 907-915. Cited 20 times.	2.319
16.	Abdel-Mogib, M., Basaif, S.A., Asiri, A.M., Sobahi, T.R., Batterjee, S.M. New clerodane diterpenoid and flavonol-3-methyl ethers from <i>Dodonaea viscosa</i> (2001) <i>Pharmazie</i> , 56 (10), pp. 830-831. Cited 9 times.	1.126
15.	Asiri, A.M. 2-Mercapto-5-(2'-isopropyl-5'-methylphenoxyethyl)-1,3, 4-triazole (2001) <i>Molecules</i> , 6 (6), pp. M214.	2.861
14.	Asiri, A.M. 3-Cyano-2-(2,5-dimethoxybenzylamino)-4-5-tetramethylenethiophene (2001) <i>Molecules</i> , 6 (6), pp. M212.	2.861
13.	Asiri, A.M. 3-(2-Nitrophenyl)-2-(4-nitrophenyl)-4-thiazolidinone (2001) <i>Molecules</i> , 6 (6), pp. M213. Cited 1 time.	2.861
12.	Asiri, A.M.A., Cleaves, A., Heller, H.G. Studies on piezochromic photochromic (E)-5-dicyanomethylene-3-[1-(2,5-dimethyl-3-furyl)ethylidene]-4- diphenylmethylenetetrahydrofuran-2-one and related photochromic compounds (2000) <i>Journal of the Chemical Society, Perkin Transactions 1</i> , (16), pp. 2741-2744. Cited 3 times.	2.42
11.	Asiri, A.M. Reactions of Fulgides: Regioselectivity in the Ring Opening Reactions of Unsymmetrical Bis-substituted dimethylene-succinic Anhydrides with	0.327

	Nucleophiles (2000) <i>Journal of Chemical Society of Pakistan</i> , 22 (2), pp. 124-129. Cited 2 times.	
10.	Asiri, A.M. 5-(Indol-3-yl)barbituric acid (2000) <i>Molecules</i> , 5 (12), pp. M183. Cited 1 time.	2.861
9.	Asiri, A.M. E-(4-Methylbenzylidene)succinic anhydride (2000) <i>Molecules</i> , 5 (12), pp. M184.	2.861
8.	Asiri, A.M. 5-(2-Thienylidene)barbituric acid (2000) <i>Molecules</i> , 5 (7), pp. M170. Cited 1 time.	2.861
7.	Asiri, A.M.A., Heller, H.G., Hursthouse, M.B., Karalulov, A. Tribochromic compounds, exemplified by 3-dicyclopropylmethylene-5-dicyanomethylene-4-diphenylmethylenetetrahydrofuran-2-one (2000) <i>Chemical Communications</i> , (9), pp. 799-800. Cited 15 times.	6.319
6.	Asiri, A.M. New conjugated systems derived from piperazine-2,5-dione (2000) <i>Molecules</i> , 5 (3), pp. 629-636. Cited 2 times.	2.861
5.	Asiri, A.M. Synthesis and photochromic properties of E,E-Bis-α-(2,5-dimethyl-3-furyl)ethylidenesuccinic anhydride and its 2-dicyanomethylene derivative (1999) <i>Kuwait Journal of Science and Engineering</i> , 26 (2), pp. 281-287.	0.312
4.	Asiri, A.M. Synthesis and characterization of dyes exemplified by 2-arylidene-1-dicyanomethyleneindane (1999) <i>Dyes and Pigments</i> , 42 (3), pp. 209-213. Cited 16 times.	3.743
3.	Asiri, A.M., Al-Juaid, S.S. Photochromic fulgides: Part 3 - Synthesis and some photochemical reactions of diphenylmethylene substituted methylenesuccinic anhydrides (1999) <i>Indian Journal of Chemistry - Section B Organic and Medicinal Chemistry</i> , 38 (4), pp. 488-490. Cited 4 times.	0.353
2.	Asiri, A.M. Synthesis and electronic absorption spectra of some azo dyes and their analogues azomethines (1998) <i>Pakistan Journal of Scientific and Industrial Research</i> , 41 (5), pp. 242-243. Cited 2 times.	0
1.	Asiri, A.M. Synthesis of 2,3-Di-(2-adamantylidene)succinic Anhydride: A Highly Non-photochromic Overcrowded Fulgide (1997) <i>Journal of Chemical Research - Part S</i> , (8), pp. 302-303. Cited 6 times.	0.646
	Total Impact factor	3735.884

Conference PAPERS

1. Synthesis and photochromic properties of the infrared active E,E-3,4-(3,5-dimethoxybenzylidene)-5-dicyanomethylene- tetrahydrofuran-2-one , **Abdullah M. Asiri** and Tariq R. Sobahi College of Science Conference in Saudi Arabia, 2002, Dhahran Saudia Arabia.
2. Synthesis and Photochromic Properties of 1-[2,5-Dimethyl-3-furyl or 3-thienyl]ethylidene]diphenylmethylene Succinic Anhydrides and [Di-4-fluorophenyl)methylene]-1-[2,5-dimethyl-3-furyl]ethylidene]Succinic anhydride, **Abdullah Mohamed Asiri** , 8th Ibn Sina conference of heterocyclic Chemistry, Luxor, Egypt 2002.

3. Synthesis of 4-benzoylamino-3-phenyl-(1,2H)pyrazoliden-5-one and proteinogenic amino acid from 4-(substitutedmethylene)-2-phenyl-5-(4H)oxazolone derivatives, Hassan A. Albar and **Abdullah M. Asiri**, 8th Ibn Sina conference of heterocyclic Chemistry, Luxor, Egypt 2002.
4. Novel Dyes Derived from Hydrazones: Part 2. Synthesis and Characterizations of N-Methyl-4-Tricyanovinylidenephenyl- hydrazones, **Abdullah Mohamed Asiri***, Khalid A. Al-Amry and N. A. Fatani, 2nd College of Science Conference in Saudi Arabia, 2004, Jeddah, Saudi Arabia.
5. Synthesis, Photochromic and Thermochromic properties of new bis-imidazol , **Abdullah Mohamed Asiri***, Khadeja O. Badahdeh, Khalid A. AlAmry and Abeer A. Bukhari, 2nd College of Science Conference in Saudi Arabia, 2004, Jeddah Saudi Arabia.
6. Novel Photochromic System Derived From Tetracyanoquinodi- methane and anilines, **Abdullah Mohamed Asiri**, Khadija O. Badahdah, Khalid A. Al Amry and Nada Ismaiel., 2nd College of Science Conference in Saudi Arabia, 2004, Jeddah Saudi Arabia.
7. Novel Photochromic System Derived From Tetracyanoquinodimethane and pyrazoles Abdullah Mohamed Asiri and Nada Ismaiel., 9th Ibn Sina conference of heterocyclic Chemistry, Sharm El-Sheikh, Egypt, 11-14 December, 2004.
8. Photochromic Properties of an epoxy resin thin film doped with (E)-dicyclopropylmethylene-(2,5-dimethyl-3-furylethylidene)succinic anhydride, **Abdullah Mohamed Asiri** and Abood Bahjaj, International Conference on Chemistry and Industry, Future Trends for the third Millennium, Riyadh , Saudi Arabia, 27-30 November 2004.
9. Solid waste treatment and recycle”, Member of the seminar organization committee, King Abdulaziz University, March 2005.
10. The Photochromic Performance of E)[α -(2,5-dimethylfuryl)ethylidene] (dicyclopropylmethylene)-2,5-furadione in the Presence of Organic Additives **Abdullah Mohamed Asiri***, Rabab Sharaf Jassas and Jameel. Ahmed Baghaffar 3rd College of Science Conference in Riyadh, Saudi Arabia, 16-18 March, 2007.
11. Photochromic properties of E)-dicyclopropyl-methylene-(2,5-dimethyl-3-furylethylidene)-succinic anhydride doped in polyurethane thin film Mohamed A. Al-Gamdi, Mohamed S. Al-Amoudi and **Abdullah Mohamed Asiri**.
12. Simple Approach for the Synthesis of Zinc Oxide Nanorods M. A. Shah, M. S. Al-Shahry and **A. M. Asiri**, International Nanotechnologies Conference: Opportunities and Challenges, 13-15/06/1429H, Jeddah , Saudi Arabia.
13. Synthesis of Iron oxide Nanostructures for Bio-Medical Applications M. A. SHAH, M. S. Al-SHAHRY and **A.M.ASIRI** International Nanotechnologies Conference: Opportunities and Challenges, 13-15/06/1429H, Jeddah , Saudi Arabia.
14. Mechanical Properties of (MWCNT)/Epoxy Resin Nanocomposites , S. M. Aldousari, A.K Abdellatif, H. S. Hedia and M. M. AlMahmouda **A. M. Asiri** and R. El-Shishtawy . International Nanotechnologies Conference: Opportunities and Challenges, 13-15/06/1429H, Jeddah , Saudi Arabia.
15. Preparation of Nanoparticles of Zinc and Magnesium Phthalocyanine in Aqueous Phase, **Abdullah M. Asiri*** and Reda M. El-Shishtawy , International Nanotechnologies Conference: Opportunities and Challenges, 13-15/06/1429H, Jeddah , Saudi Arabia.
16. Nanoporous Particles from Metal Hydroxides and Indigo Dye, Reda M. El-Shishtawy and **Abdullah M. Asiri** ., International Nanotechnologies Conference: Opportunities and Challenges, 13-15/06/1429H, Jeddah , Saudi Arabia.
17. Third Order Nonlinear Optical Properties Of Conjugated Styryl Dyes, Seetharam Shettigar, G.Umesh, P.Poornesh, Manjunatha K.B, **Abdullah Mohamed Asiri**.
18. Photonics-2008 an international conference on fiber Optics and Photonics New Delhi, INDIA December 13-17, 2008
19. Effective photocatalytic decomposition of Rhodamine 6G in water under sun-light irradiation on TiO₂ and n-TiO₂ semiconductor. **Abdullah M. Asiri ***, Muhammed S. Al-Amoudi Abdullah M. AlTalhi and Alla Fagih., Taibah Inter National Chrmical CONFERENCE, Taibah , 23-25 March , 2009.
20. Photochromic Properties Of 6-Nitro-1',3',3'-Trimethylspiro-[2h-1-Benzopyran-2,2'-Indoline] Doped In Pmma And Epoxy Resin Thin Films, AboodA. Bahajaj, Abdullah Mohamed

- Asiri*, Amerah M. Alsoliemy and Abdullah G. Al-Sehemi., Taibah Inter National Chemical CONFERENCE, Taibah , 23-25 March , 2009.
21. Photochromic Properties Of 7',8'-Dichloro-1,3,3-Trimethylspiro [Indoline-2,3'-[3h]Benzo[B][1,4]Oxazine] Doped In Pmma And Epoxy Resin Thin Film, Abood A. Bahajaj, Abdullah Mohamed Asiri*, Amerah M. Alsoliemy and Abdullah G. Al-Sehemi., Taibah Inter National Chemical CONFERENCE, Taibah , 23-25 March , 2009.
 22. Synthesis and Spectroscopic Studies of some fluorescent Pyrazoline Derivatives by Applying New Green Chemistry Approaches, Khadiga Alzyadi, Manal Shalabi, Abdullah M. Asiri. , Taibah Inter National Chemical CONFERENCE, Taibah , 23-25 March , 2009.
 23. A Versatile and Soft Route for the Synthesis of Aluminum Oxide Nanorods without using surfactants, M. A. SHAH and **A.M. ASIRI**, Taibah Inter National Chemical CONFERENCE, Taibah , 23-25 March , 2009.
 24. Novel crosslinked chitosan containing magnetic nanoparticles for dye removal, Reda M. El-Shishtawy, and **Abdullah M. Asiri**, The International Conference For Nanotechnology Industries : The Leading Technology of 21st Century, King Abdulaah Institute For Nanotechnology, Riyadh, April 5-7, 2009 – Saudi Arabia.
 25. Photodegradation of Rhodamine 6G and Phenol red by nanosized TiO₂ under solar irradiation., **Abdullah M. Asiri**, Muhammed S. Al-Amoudi , Tariq A. Al-Talhi and Abdullah D. Al-Talhi ., The International Conference For Nanotechnology Industries : The Leading Technology of 21st Century, King Abdulaah Institute For Nanotechnology, Riyadh, April 5-7, 2009 – Saudi Arabia .
 26. A new and an economical route for the preparation of Mg(OH)₂ nanorods and their potential applications, M. A. SHAH and **A. M. ASIRI**, The International Conference For Nanotechnology Industries : The Leading Technology of 21st Century, King Abdullah Institute For Nanotechnology, Riyadh, April 5-7, 2009 – Saudi Arabia .
 27. Effect of solvent on electronic absorption and fluorescence bands of 7-diethyl amino and 7-diethyl amino 4-methyl coumarins: Calculation of ground and excited state dipole moments. Mudassir M. Husain, , Rajeeva, H.C. Tandon and **Abdullah M. Asiri.**, DAE-BRNS Symposium on Atomic, Molecular and Optical Physics, New Delhi, India, 10-13 February 2009.
 28. A new route to prepare MgO Nanorods and their Potential Applications , M. A. SHAH and **A. M. ASIRI**, The third NanoAfrica Conference, Pretoria, South Africa, 1 – 4 February, 2009.
 29. International Conference and Training Workshop on Powering a Greener Future: Nanomaterials and Solar Energy Conversion Solar'10, Cairo, Egypt, **Abdullah M. Asiri**, Khadija O. Badahdah and Abeer A. Bukhari , February 14 - 18, 2010.
 30. Preparation and characterization of silver nanoparticles by an eco-friendly approach, Reda El-Shishtawy, **Abdullah M. Asiri** , Maha Al-Otaibi. International Conference and Training Workshop on Powering a Greener Future: Nanomaterials and Solar Energy Conversion Solar'10, Cairo, Egypt, February 14 - 18, 2010.
 31. Preparation And Characterization Of Magnesium Phthalocyanine Nanoparticles In Aqueous Phase , Reda M. El-Shishtawy, Abdullah M. Asiri, and Maha M. Al-Otaibi, the Fourth Saudi Science Conference, Taiba University , Al-Madina Al-Munawarah, March 21-24 , 2010,
 32. Synthesis Of S-, N-Doped TiO₂ And Their Photocatalytic Ability For The Degradation Of Three Dyes , Abdullah M. Asiri, Saleh A. Bazaid , Muhammed S. Al-Amoudi , Abdulmajid A. Adam, the Fourth Saudi Science Conference, Taiba University , Al-Madina Al-Munawarah, March 21-24 , 2010.
 33. Spectral Characteristics of 4-(P-N, N-dimethyl-aminophenyl methylene)-2-Phenyl-5-Oxazolone (DPO) in Different Media, Abdullah M. Asiri, Samy A. El-Daly and Salman A. Khan, 4th The Fourth International Chemistry Conference , Nov./19-21/2011, Riyadh , Saudi Arabia

34. Sono and Sonophotocatalysis Photodegradation of Water pollutants Over Titanium Dioxide, Abdullah M. Asiri, Saleh A. Bazaid, Muhammed S. Al-Amoudi, Abdulmajid A. Adam and Mahmoud M. Salman, 4th The Fourth International Chemistry Conference , Nov./19-21/2011, Riyadh , Saudi Arabia
35. Photocatalytic Photodegradation of Water Pollutants Over Iron Oxide Nanoparticles, Arwa A. Salema, Hana Al-Helalb, Abdullah M. Asiri, and Muhammed S. Al-Amoudia , 4th The Fourth International Chemistry Conference , Nov./19-21/2011, Riyadh , Saudi Arabia
36. Photophysical Parameters of 1,4-bis (β -pyridyl-2-vinyl)Benzene (P2VB) Laser Dye in Different Media, Samy A. El-Daly , Abdullah M. Asiri and Salman A. Khan, 4th The Fourth International Chemistry Conference , Nov./19-21/2011, Riyadh , Saudi Arabia
37. Effect of Medium Acidity and Photostability of 3-(4-dimethylamino-phenyl)-1-(2,5-dimethylthiophen-3-yl)-Propenone (DDTP): A New green Emitting Laser Dye, Abdullah M. Asiri, Samy A. El-Daly , Salman A. Khan, Khalid A. Alamry¹, Mahmoud M. Hussein, , 4th The Fourth International Chemistry Conference , Nov./19-21/2011, Riyadh , Saudi Arabia.
38. Photophysical Parameters and Laser Activity of 3(4-Dimethylamino-phenyl)-1-(2,5-dimethylthiophen-3-yl)- propenone (DDTP): A New Potential Laser Dye, Salman A. Khan, Abdullah M. Asiri and Samy A. El-Daly , 4th The Fourth International Chemistry Conference , Nov./19-21/2011, Riyadh , Saudi Arabia.
39. Analysis the spectroscopic (IR, Raman NMR and UV-Vis,) properties of 3-hydroxy-2-(toluene-4-sulfonylamino)-propionic acid combined theoretical density functional theory September 2013 Conference: XIIth International Conference on Molecular Spectroscopy From Molecules to Nano- and Biomaterials, At XIIth International Conference on Molecular Spectroscopy From Molecules to Nano- and Biomaterials Kraków – Biańska Tatrzańska 8 – 12 September 2013, Volume: 8 – 12 September 2013.
40. Challenges with development of a melting point model using public data: not all errors are the same! Model development and benchmarking September 2013 Conference: 3rd World Conference on Physico-Chemical Methods in Drug Discovery and Development (PCMDDD-3), At Dubrovnik- Croatia.
41. Highly-Sensitive Acetone Chemo-Sensor Based on Mesoporous Ag₂O Microflowers November 2014 Conference: GEOMATEN-2014, November 15-19, Washington, DC, , United States.
42. Development of Selective and Sensitive Phenolic Chemical Sensor Based On Protonated H-ZSM-5 Zeolites Deposited onto Silver Electrodes by Electrochemical Approaches January 2015 Conference: First International conference on Applied Chemistry (ICAC 2015) , Jeddah, Saudi Arabia

INVITED LECTURES

1. Recent Progress on Organic Photochromic Fulgides, Abdullah Mohamed Asiri, Annual Visit of Japanese Petroleum institute group to King Abdulaziz University. Jeddah, 2001.
2. The Photochromic Performance of (E)[α -(2,5-dimethylfuryl)ethylidene](dicyclopropylmethylene)-2,5-furadione in the Presence of Organic Additives , Abdullah Mohamed Asiri*, Rabab Sharaf Jassas and Jameel. Ahmed Baghaffar , 3rd College of Science Conference in Riyadh, Saudi Arabia, 16-18 March, 2007.
3. Photochromism of some Fulgides and spiropyrans in polymer matrices A. M. Asiri and A. A. Bahajaj, Kuwait Conference of Chemistry , 6-9 March, 2010, Kuwait. Photochromic Performance of some Photoresponsive compounds in polymer matrices, Abdullah M. Asiri,

Fourth Saudi Science Conference , Contribution of Science Faculties in the Development Process of Kingdom of Saudi Arabia, March , 21-24th ,2010. Al-Madiana Al-Monawarra , Saudi Arabia.

4. Drastically enhanced visible-light photodegradation of water pollutants over n-Titanium dioxide via I- and S₂SO₃²⁻, Abdullah M. Asiri^{1,2} , Saleh A. Bazaid³, Muhammed S. Al-Amoudi³, Abdulmajid A. Adam. 6th Nanoscience and Nanotechnology Conference (NanoTR-VI) 15-18 June 2010.
5. Tribochromic molecules and thiere applications, Taiba University , April, 2013.
6. Photochromic Compounds as Smart Switchable Glazing for Daylight Control in Building, American Chemical Socity Saudi Chapter Monthely metting Feb, 2017.
7. Nano-catalyst: Simple but efficient materials for the removal of organic pollutants , Aljouf Serface Chemistry Conference, March, 2017.
8. Organic transformations of nitroarenes by using silver nanocatalysts supported by different polymeric materials, Lab Tech , Nov. 7-9 N, 2017.

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