



**Dr. ZIA UL HAQ KHAN**  
**(GOLD MEDALIST)**  
**(HEC Approved PhD Supervisor)**

**Address 1:** Department of Chemistry, COMSATS University Islamabad, Islamabad Campus, Park Road, Chak Shahzad, Islamabad, Pakistan.  
**Address 2:** Village Musa Khel Post Office Ismail Khel, Tehsil and District Benu, Khyber Pakhtunkhwa Pakistan

Mobile: +92334-8390636

Email: [zia.khan@comsats.edu.pk](mailto:zia.khan@comsats.edu.pk),

Born: March 09, 1984; Married;

Citizen: Pakistani

Total Impact Factor of Published Papers:

Mobile: +923348390636

Email: [ziaulhaqkhan11@gmail.com](mailto:ziaulhaqkhan11@gmail.com),

**706.6**

Published Papers:

**116**

Citations:

**4889**

H-index:

**45**

I10-index

**84**

### **Research interests**

Organic Chemistry, Medicinal Chemistry, Natural Products chemistry, Organic synthesis, Electro-Organic Synthesis, Cyclic Voltammetry analysis, Materials synthesis, green Synthesis of NPs, Nanocomposite materials,

### **Acquired skills.**

UV, SPECTROPHOTOMETER, SELECTIVE, ELECTRODE METER, PH, METER, FLAME, PHOTOMETER, AUTOCLAVES, MICROSCOPE, INCUBATOR AND ALL THE MICROBIO LOGICAL EQUIPMENT IN THE LABORATORY, ELECTROCHEMICAL TECHNIQUES

### **ACADEMIC QUALIFICATIONS**

**PhD                   Organic Chemistry/ Material Chemistry**

**Thesis topic: “Application of Electrochemistry in Medicine syntheses”**  
Beijing University of Chemical Technology (BUCT), China  
**2012-2015**

**M. Phil               Organic Chemistry (18 years)**

**Thesis topic: “Phytochemical and Biological studies on the constituents of *Cirsium arvense*”** Gomal University D I Khyber Pakhtun-Khwa Pakistan

**2008-2010**

**M.Sc.                 Organic Chemistry (16 years)**  
Gomal University DIK Khyber Pakhtunkhwa Pakistan  
**2004-2006**

**B.Sc.                 Biological (14 years)**  
Gomal University D I Khyber Pakhtunkhwa Pakistan  
**2002-2004**

**F.Sc.                 Pre-Medical (12 years)**  
Board of Intermediate and Secondary Education Bannu (BISE)  
**2000-2002**

**SSC                  Science (10 years)**  
Board of Intermediate and Secondary Education Bannu (BISE)  
**1999-2000**

## **ACADEMICACHIEVEMENT**

1. Received **Gold Medal in Chemistry**, from Pakistan Chemical Society (**2022**).
2. Received **Dr. Atta Ur Rahman Gold Medal in Chemistry**, Pakistan Academy of Sciences (**2022**).
3. Best performance/outstanding certificate/Letter COMSATS University Islamabad Vehari, Campus **2022-2023**
4. Best performance/outstanding certificate/Letter COMSATS University Islamabad Vehari, Campus **2021-2022**
5. Wastewater treatment training under TWAS-**2017**, Beijing
6. Best student award session **2012-2015**, BUCT, China
7. Merit Scholarship session **2004-2006**
8. Position Holder (Organic Chemistry) **2004 2006**
9. China Government Scholarships **2012-2015**

## **EXPERIENCE**

1. Associate Professor in the Department of Chemistry COMSATS CUI Islamabad, Pakistan, **June 1, 2023, To Date.**
2. Associate Professor in the Department of environmental Science COMSATS CUI Vehari Pakistan, **May 22, 2023, To May 31, 2023.**
3. Assistant Professor in the Department of environmental Science COMSATS CUI Vehari Pakistan, **February 6, 2017, to May 21, 2023.**
4. Assistant professor, in university of science and Technology Benu Pakistan, **28-07-2015 to 27-07-2016**
5. Lecture in as Government Degree College Banu No: 2 Pakistan, September **2010 to September 2012.**
6. Lecture and Demonstrator in Government Post Graduate College Benu Pakistan, **2007-2008 (one year).**

### ***Projects Approved and Submitted***

1. Electrochemical synthesis of asymmetric heterocyclic organic compounds and their biological investigation Higher Education Commission Pakistan, NRPU, 3.378M (**Completed**)
2. Synthesis of Pyrimidines derivatives through electrochemical process Higher Education Commission Pakistan, SRGP, (**Completed**).
3. Green synthesis and characterizations of Zero-Valant nanoparticles and study of their Potential applications (submitted Pak- Turkey collaboration 4.4 M)

## **CONFERENCE PARTICIPATION**

1. **Keynote speaker**, One Day Symposium on Synthetic and Applied Chemistry in, Department of chemistry, Education university Vehari campus, **July, 2022** Invited speaker, 21st International, 1st Inter-Islamic and 33rd National Chemistry Conference (**23-25 Oct 2023**). Department of Chemistry, Quaid-i-Azam University, Islamabad, Pakistan
2. **Keynote speaker**, One Day Symposium on Synthetic and Applied Chemistry in, Department of chemistry, Education university Vehari campus, **April, 2019**
3. Keynote speaker, 1<sup>st</sup> National conference on recent innovations in Medicinal chemistry & Biochemistry University of science and technology Benu (**February 20-22, 2018**)
4. 1<sup>st</sup> National workshop on Computational Chemistry and Drug Designing **19-20, December, 2018** University of science and technology Bannu.
5. Sustainable Development through Biodiversity Conservation and Ecotourism **11-13 December, 2017.**

## **COMPUTER SKILLS**

1. MS Word
2. MS excels.
3. MS power point
4. Chem Draw
5. Chem Sketch
6. Origin
7. Internet searching
8. Graph pad Prism 5
9. ECOSAR

## REFERENCES

**Dr. Pingyu Wan**

(Research supervisor)

Professor in

Chemistry

Beijing University of Chemical China

Technology, China pywan@mail.buct.edu.cn,

**Dr. Yong Mei Chen**

Professor in Chemistry

Beijing University of Chemical China

Technology,

China chenym@mail.buct.edu.cn,

**Dr. Nawshad Muhammad**

Professor, Khyber University Peshawar,

KPK Pakistan, nawshadchemist@yahoo.com

**1. TEXT BOOK: EASY APPROACH TO ORGANIC CHEMISTRY AND REACTION  
MECHANISM** (*Near to completion*)

*Google Scholar* : <https://scholar.google.com/citations?user=ucH7QxkAAAAJ&hl=en>,

*Research Gate* : <https://www.researchgate.net/profile/Zia-Ul-Haq-Khan>,

## **REVIEWER OF SCIENTIFIC JOURNALS**

1. Journal of Hazardous materials (Elsevier)
2. Progress in organic chemistry (ACS)
3. Resource-Efficient Technologies (Elsevier)
4. Industrial Crops and Products (Elsevier)
5. Journal of Environmental Quality (Elsevier)
6. Journal of alloy and Compounds (Elsevier)
7. Journal of environmental research pollution (springer)
8. Journal of photochemistry photobiology B: biology (Elsevier)
9. Current pharmaceutical Biotechnology (Bentham Science)
10. Journal of molecular structure (Elsevier)
11. Journal of Advanced Research (Elsevier)
12. Green Processing and Synthesis
13. Journal of Advanced Research (Elsevier)
14. Biocatalysts and Agricultural Biotechnology (Elsevier)
15. Applied Organometallic Chemistry (John Wiley & Sons)
16. Advances in Natural Sciences: Nano-science and Nanotechnology
17. Materials Chemistry and Physics
18. Journal: Materials Science & Engineering C (Elsevier)
19. Scientific Reports
20. Environmental Toxicology and Pharmacology
21. Journal of Cluster Science (Elsevier)
22. Journal of trace elements in medicine and biology
23. Journal of surface and interfaces (Elsevier)
24. Journal of materials and Design (Elsevier)
25. Journal of Molecular Liquids (Elsevier)

## Thesis and Synopsis elevated of M. Phil/PhD Scholars

1. Evaluation of Thesis of **Ayesha Pervez** Department of Chemistry Education Lahore Vehari Campus, Vehari 2023
2. Evaluation of Thesis of **Mr. Muhammad Imran Sheikh** M. Phil Scholar of Chemistry, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2023
3. Evaluation of Thesis of **Mr. Mr. Khalil Ur Rehman, Ph. D Scholar of Chemistry**, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2023
4. Evaluation of Thesis of **Mis: Faima Ali** M. Phil. Student, Department of Chemistry University of Science and Technology Bannu KP Pakistan, 2023
5. Evaluation of Thesis of **Mr. Luqman Shah** M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2023
6. Evaluation of Thesis of **Misbah Ayub** M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2023
7. Evaluation of Thesis of **Muhammad Umar Farooq**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2023
8. Evaluation of Thesis of **Ms. Yasmeen Saeed**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2023
9. Evaluation of Thesis of **Huma Bashir**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2022
10. Evaluation of Thesis of **Ms. Saira Javid**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2022
11. Evaluation of Thesis of **Rabia Gul**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2022
12. Evaluation of Thesis of **Mr. Jamshed Burki**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2021
13. Evaluation of Thesis of **Mr. Hafeez Gul Khan**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2021
14. Evaluation of Thesis of **Ms. Rabia Gul**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2021
15. Evaluation of Thesis of **Ms. Zubeida Jabeen**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2021
16. Evaluation of Thesis of **Mr. Yasir Usmani**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2021
17. Evaluation of Thesis of **Ms. Syeda Amira Batool**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2021
18. Evaluation of Thesis of **Ms Sadeedah Zahra Qureshi**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2021
19. Evaluation of Thesis of **Mr Muhammad Adman Khan**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2020
20. Evaluation of Thesis of **Mr. Shaukat Zaman**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2020
21. Evaluation of Thesis of **Mr. Riffat Ullah**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2019
22. Evaluation of Thesis of **Mr. Dost Muhammad**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2019
23. Evaluation of Thesis of **Miss Bussra**, M. Phil. Student, Institute of Chemical Sciences (ICS), Gomal University, Dera Ismail Khan, 2019



## List of Publication (IF=706.6)

### 2024

1. Jibran Iqbal, Noor S. Shah, Javed A Khan; Kifayaullah Khan; Muhammad Wakeel; Heba Taha M. Abdelghani; **Zia Ul Haq Khan**; Grzegorz Boczkaj, Hydroxyl and sulfate radical-based degradation of ciprofloxacin using UV-C and/or Fe<sup>2+</sup>-catalyzed peroxymonosulfate: Effects of process parameters and toxicity evaluation, *Journal of Photochemistry & Photobiology, A: Chemistry*, **447**, 115246, 2024 <https://www.sciencedirect.com/science/article/abs/pii/S1010603023007116>, **IF=4.3**

### 2023

2. **Zia Ul Haq Khan**, Taj Malook Khan, Amjad Khan, Noor Samad Shah, Nawshad Muhammad, Kamran Tahir, Jibran Iqbal, Abdur Rahim, Syed Khasim, Iftikhar Ahmad, Khadija Shabbir, Noor Shad Gul, and Jianbo Wu. Brief review: Applications of nanocomposite in electrochemical sensor and drugs delivery. *Front. Chem.* 1152217.2023.1152217, 2023 <https://pubmed.ncbi.nlm.nih.gov/37007050>, **IF=5.5**
3. Mengmeng Xu, Suding Yan, Xiufan Liu, Simei Sun, **Zia Ul Haq Khan**, Wenzhong Wu, Jingyu Sun. Theoretical investigation on the degradation of sulfadiazine in water environments: Oxidation of •OH, SO<sub>4</sub><sup>•-</sup> and CO<sub>3</sub><sup>•-</sup> and reactivity of (TiO<sub>2</sub>)<sub>n</sub> clusters(n=1–6), *109994*, (2023). *Journal of Environmental Chemical Engineeri* (2023), <https://www.sciencedirect.com/science/article/abs/pii/S2213343723007339>, **F= 7.96**
4. Weikang Xiao, Suding Yan, Xiufan Liu, Simei Sun, **Zia Ul Haq Khan**, Wenzhong Wu, Jingyu Sun. Theoretical study on the degradation mechanisms kinetic and toxicity for aqueous Ozonation reaction of furan derivatives. *Chemosphere* **332**, 138782, (2023) <https://www.sciencedirect.com/science/article/abs/pii/S0045653523010494>, **IF= 8.97**
5. Irum Batool, Karma Albalawi, Afaq Ullah Khan, Kamran Tahir, **Zia Ul Haq Khan**, Magdi E. A. Zaki. Ebraheem Abdu Musad Saleh. Eman A. Alabbad Talal M. Althagafi Fahad Abdulaziz. The Construction of novel CuO Photo catalyst for efficient degradation of Ciprofloxacin, methylene blue and photo inhibition of bacteria through efficient production of reactive oxygen species *Journal of Environmental Research* **231**, 116086, (2023) <https://www.sciencedirect.com/science/article/abs/pii/S0013935123008782>, **F=8.43**
6. Behzad Murtaza, Sana Bilal, Muhammad Imran, Noor S. Shah, Muhammad Shahid, Jibran Iqbal, **Zia Ul Haq Khan**, Naveed Ahmad, Abdullah A. Al-Kahtani, Zeid A. AlOthman. The Study of Removal Chromium (VI) ions from Aqueous Solution by Bimetallic ZnO/FeO Nanocomposite with Siltstone: Isotherm, Kinetics and Reusability. *Inorganic Chemistry Communications*, **110891**, 2023 <https://www.sciencedirect.com/science/article//pii/S1387700323005038>, **IF=3.82**
7. **Zia Ul Haq Khan**· Faisal Mahmood· Noor Shad Gul, Noor Samad Shah, Sana Sabahat, Jibran Iqbal, Nawshad Muhammad, Abdur Rahim· Syed Khasim, Taj Malook Khan· Jianbo Wu. Green Synthesis of Lead Oxide Nanoparticles for Photo-Electrocatalytic and Antimicrobial Applications" to the following *Frontiers in Chemistry*, **11**, 1175114, 2023 <https://www.frontiersin.org/articles/10.3389/fchem.2023.1175114/full>, **IF=5.5**

8. Muhammad Wakeel, Tasawer Hayat, Noor Samad Shah, Jibrán Iqbal, **Zia Ul Haq Khan**, Ghulam Mustafa Shah, Atta Rasool. Biogas Energy Resources in Pakistan Status, Potential, and Barriers. **84**, 101643, 2023, <https://www.sciencedirect.com/science/article/abs/pii/S0957178723001558>, **IF=4**
9. Muhammad Shahid, Muhammad Imran, Liaqat Ali, Muhammad Wakeel, Muhammad Hussnain Siddique, **Zia Ul Haq Khan**, Behzad Murtaza, Jibrán Iqbal, mAbdullah A. Al-Kahtani, mLiaqat Ali. Remediation Potential of Biochar/Copper Oxide Nanoparticles Composite for Lead and Cadmium Contaminated Wastewater. *Environmental Earth Sciences*, **82:574**, 2023 <https://link.springer.com/article/10.1007/s12665-023-11147-z>, **IF=2.8**
10. Jingyu Sun, Raijin Chu, **Zia Ul Haq Khan**, A theoretical study on the degradation mechanism, kinetics and ecotoxicity of metronidazole (MNZ) in  $\bullet\text{OH}$  and  $\text{SO}_4^{\bullet-}$ -assisted advanced oxidation processes *Journal toxics-* 11, 796, 2023 <https://www.mdpi.com/2305-6304/11/9/796m> **IF=4.61**
11. Sumaria Aziz, Rabia Javed, Anna Nowak, Saad Liaqat, **Zia Ul Haq Khan**, Naveed Ahmad, Meteusz Dulski, Krzysztof Matus, Pervaiz Ahmad, Nawshad Muhammad. Effects of  $\text{TiO}_2$ , Ag- $\text{TiO}_2$ , and Cu- $\text{TiO}_2$  Nanoparticles on Mechanical and Ant Cariogenic Properties of Conventional Pit and Fissure Sealants. *Journal Nano Open* 2023, 100185 <https://www.sciencedirect.com/science/article/pii/S2352952023000646>,
12. **Zia Ul Haq Khan**, Noor Shad Gul, Sana Sabahat, Jingyu Sun, Kamran Tahir, Noor Samad Shah, Nawshad Muhammad, Abdur Rahim, Muhammad Imran, Jibrán Iqbal, Taj Malook Khan, Syed Khasim, Umar Farooq, and Jianbo Wu: Removal of Organic Pollutants through Hydroxyl Radical- Based Advanced Oxidation Processes, *Ecotoxicology and Environmental Safety*, 115564, <https://www.sciencedirect.com/science/article/pii/S0147651323010680>, (2023) **IF=6.8**
13. **2022**
14. Noor S. Shah, Jibrán Iqbal, Murtaza Sayed, Ayman, A. Ghfar, Javed Ali Khan, **Zia Ul Haq Khan**, Behzad Murtaza Grzegorz Boczkaj, Farruk Jamil. Enhanced solar light photocatalytic performance of Fe-ZnO in the presence of  $\text{H}_2\text{O}_2$ ,  $\text{S}_2\text{O}_8^{2-}$  and  $\text{HSO}_5^-$  for degradation of chlorpyrifos from agricultural wastes: Toxicities investigation *Chemosphere*, **287**, 132331, (2022) <https://pubmed.ncbi.nlm.nih.gov/34607113/>, **IF= 8.943**
15. Iftikhar Ahmad· Umme Farwa, **Zia Ul Haq Khan**, Muhammad Imran, Bo Zhu, Atta Rasool, Ghulam Mustafa Shah, Muhammad Tahir, Munir Ahmed, Salar Rezapour, Laura Bulgariu. Biosorption and health risk assessment of arsenic contaminated water through cotton stalk biochar. *Surfaces and Interfaces* 29 (2022) 101806 <https://www.sciencedirect.com/science/article/abs/pii/S2468023022000876>, **IF= 6.137**
16. Muhammad Imran, Natasha, Behzad Murtaza, Sabah Ansar, Noor Samad Shah, **Zia Ul Haq Khan**, Shahid Ali, Grzegorz Boczkaj, Farhan Hafeez Shafaqat Ali Muhammad Rizwan. Potential of nanocomposites of zero valent copper and magnetite with Eleocharis dulcis biochar for packed column and batch scale removal of Congo red dye, *Environmental Pollution*, **305**, 119291, (2022) <https://www.sciencedirect.com/science/article/abs/pii/S026974912200505X>, **IF= 9.98**

17. Arfa Ahmed, Nawshad Muhammad, Asif Ali, Zeeshan Mutahir, Abdul Samad Khan, Faiza Sharif, Asma Tufail Shah, **Zia Ul Haq Khan**, Saad Liaqat and Muhammad Adnan Khan. Effect of augmentin-coated silver nanoparticles on biological and mechanical properties of orthodontic bracket cement. *Materials Technology Advanced Performance Materials* <https://pubmed.ncbi.nlm.nih.gov/27556213/>, **IF= 3.846**
18. **Zia Ul Haq Khan**, Salman Latif, Fahad Abdulaziz , Noor Samad Shah, Muhammad Imran, Nawshad Muhammad, Jibran Iqbal, Muhammad Shahid, Mohamed Abdel Salam, Syed Khasim, Hidayat Ullah Khan. Photocatalytic response in water pollutants with addition of biomedical and anti-leishmanial study of iron oxide Nanoparticles. *Journal of photochemistry and photobiology. B, Biology.* 234, 112544 (2022) <https://www.sciencedirect.com/science/article/abs/pii/S1011134422001580>, **IF= 6.87**
19. Jibran Iqbal , Noor S. Shah, , **Zia Ul Haq Khan** , Muhammad Rizwan , Behzad Murtaza, Muhammad Imran , Afzal Shah , Aman Ullah , Yousef Nazzal , Fares Howari. Visible Light Driven Doped CeO<sub>2</sub> for the Treatment of Pharmaceuticals in Wastewater: A Review. *Journal of Water Process Engineering*, 49, 103130(2022) <https://www.sciencedirect.com/science/article/pii/S2214714422005748?dgcid=coauthor>, **IF= 7. 34**
20. Jibran Iqbal, Noor S.Shah, Murtaza Sayed, Sajjid Rauf, **Zia Ul Haq Khan**, Nabeel Khan Niazi, Kyriaki Polychronopoulos, Fares Howari and Faiza Rehman. Efficient removal of norfloxacin using nano zerovalent cerium composite biochar-catalyzed peroxydisulfate. *Journal of Cleaner Production.* 377, 134405, (2022).<https://www.sciencedirect.com/science/article> **IF= 11.07**
21. Dandan Kong, Gaoeng Wang, Yang Tang, Mengyue Guo, **Zia Ul Haq Khan**, Yiei Guo, Wei Gu, Yougguai Ma, Ming Sui, Jinping, Meihua yang. Potential health risk of areca nut consumption:hazardous effect of toxic alkaloids and aflatoxins on human digestive system. *Journal food research international*, 162 Part A, 112012, (2022). <https://www.sciencedirect.com/science/article> **7.42**
22. Zhou-Yu Su, Hao-Min Jiang, Zhi-Wei Han, Lu-Ting Zhang, Yang Tang, Ping-Yu Wan, **Zia Ul Haq Khan**, Yong-Mei Chen. Direct Conversion of Methane to Methanol on LaCo<sub>0.5</sub>Fe<sub>0.5</sub>O<sub>3</sub> Anode in Aqueous Ionic Liquid. *Int. J. Electrochem. Sci.*, 17 (2022), 221161, (2022), **IF= 1.52**
23. Iftikhar Ahmad, Abdul Ghaffar, Ali Zakir, **Zia Ul Haq Khan**, Muhammad Farhan Saeed, Atta Rasool, Aftab Jamal, Adil Mihoub, Simone Marzeddu, Maria Rosaria Boni. Nitric Acid Activated Biochar is Cost-effective Technique for Arsenic Removal from Contaminated Drinking Water in Pakistan. *Sustainability* 14, 14523 (2022). <https://www.mdpi.com/2071-1050/14/21/14523/pdf> **IF= 3.88**

## 2021

24. Muhammad Imran, Muhammad Mohsin Iqbal, Jibran Iqbal, Noor Samad Shah, **Zia Ul Haq Khan**, Behzad Murtaza, Muhammad Amjad<sup>1</sup>, Shafaqat Ali, Muhammad Rizwan. Synthesis, characterization, and application of novel MnO and CuO impregnated biochar composites to sequester arsenic (As) from water: modeling, thermodynamics, and reusability. *Journal of Hazardous Materials* 401, (2021) 12333<https://www.sciencedirect.com/science/article/abs/pii/S0304389420313273> **IF=14.22.**

25. Afaq Ullah Khan, Arif ullah khan, Baoshan Li, Mater H. Mahnashi, Bander A. Alymi, Yahya S. Alqahani, Ali O. Alqarni, Zia Ul Haq Khan, Sami Ullah, Muhammad Wasim, Qudrat Ullah Khan, Waqas Ahmad. Biosynthesis of silver capped magnesium oxide nanocomposite using olea cuspidate leaf extract and their photocatalytic, antioxidant and antibacterial activity. *Journal of Photodiagnosis and Photodynamic Therapy*, **33**, (2021), 102153, 102153. <https://www.x-mol.com/paper/1342676137094946816>. **IF=3.77**
26. Faheem Ullah Khan, **Zia Ul Haq Khan**, Junxian Ma, Arif Ullah Khan, Muhammad Sohail, Yongmei Chen, Yatao Yang, Xiaofan Pan. An Astragalus membrane aceusbased eco-friendly biomimetic synthesis approach of ZnO nanoflowers with an excellent antibacterial, antioxidant and electrochemical sensing effect. *Materials Science and Engineering C*. **118**, (2021), 111432, <https://www.sciencedirect.com/science/article/abs/pii/S0928493120333506> **IF=7.59**
27. Jibrán Iqbal. Noor Samad shah, Murtaza Sayed, Nabeel Niazi, Muhammad Imran , Javed Ali Khan, **Zia Ul Haq Khan**, Aseel Gamal Suliman Hussien, Kyriaki polychronopoulou Fares Howari. Nano- zerovalent manganese/biochar composite for the adsorptive and oxidative removal of Congo- red dye from aqueous solutions. *Journal of Hazardous Materials*, **403**, (2021), 123854, <https://www.sciencedirect.com/science/article/abs/pii/S0304389420318434>, **IF=14.22**
28. Ali Athar Hussain, Sadia Nazir, Rabia Irshad, Kamran Tahir, Muslim Raza, **Zia Ul Haq Khan**, Arif Ullah Khan. Synthesis of functionalized mesoporous Ni-SBA-16 decorated with MgO nanoparticles for Cr (VI) adsorption and an effective catalyst for hydrochlorination of chlorobenzene *Materials Research Bulletin* **133**, (2021) <https://www.sciencedirect.com/science/article/pii/S0025540820315403> **111059 IF=5.64**
29. Afaq Ullah Khan, Arif ullah khan, Baoshan Li, Mater H.Mahnashi, Bander A. Alymi, Yahya S. Alqahani, Ali O. Alqarni, **Zia Ul Haq Khan**, Sami Ullah, Muhammad Wasim, Qudrat Ullah Khan, Waqas Ahmad. Biosynthesis of silver capped magnesium oxide nanocomposite using olea cuspidate leaf extract and their photocatalytic, antioxidant and antibacterial activity. *Journal of Photodiagnosis and Photodynamic Therapy*, (2021), **33**, 102153. <https://www.x-mol.com/paper/1342676137094946816>, **IF=3.77**
30. **Zia Ul Haq Khan**, Amjad Khan, Noor Samad Shah, Israaf Ud Din, Mohamed Abdel Salam, Jibrán Iqbal, Nawshad Muhammad, Muhammad Imran, Mazar Ali, Sayed Murtaza Muhammad Attique Gohar. Photocatalytic and Biomedical investigation of green synthesized NiONPs: Toxicities and degradation pathways of Congo Red dye. *Journal Surfaces and Interfaces*. (2021), **23**, 100991. <https://www.sciencedirect.com/science/article/pii/S2468023021000213>, **IF =6.137**
31. Noor S.Shah, Jibrán Iqbal, Murtaza Sayed, Sajid Rauf, Munirah D. Albaqami, Javed, Ali Khan **Zia Ul Haq Khan**, Faiza Rehman, Ajmal Khan, Muhammad Naseem, Aleena Imtiaz Hashm. Ionic liquid functionalized nano-zero valent cerium for catalytic degradation of carbamazepine and colorimetric sensing of H<sub>2</sub>O<sub>2</sub>. *Journal of Water Process Engineering*, **40**, (2021), 101964 [101964.https://www.sciencedirect.com/science/article/pii/S2214714421000519](https://www.sciencedirect.com/science/article/pii/S2214714421000519) ?dgcid= author, **IF =7.3**

32. Zia Ul Haq Khan, Kamran Tahir, Ali Athar Hussain, Sadia Nazir, Mohamed Abdel Salam, Israf Ud Din, Rabia Irshad, Muslim Raza, Abdus Subhan, **Zia Ul Haq Khan**. Biomedical response under visible- light irradiation promoted by new hydrothermally synthesized SiO<sub>2</sub>-nanofibers, *Photodiagnosis and Photodynamic Therapy*, 34, 102275, (2021) <https://www.sciencedirect.com/science/article/abs/pii/S1572100021001010>, **IF=3.77**
33. Zafar Abbas, Muhammad Imran, Natasha Natasha, Behzad Murtaza, Muhammad Amjad, Noor Samad Shah, **Zia Ul Haq Khan**, Iftikhar Ahmad & Sajjad Ahmad . Distribution and health risk assessment of trace elements in ground/surface water of Kot Addu, Punjab, Pakistan: A multivariate analysis. *Environmental Monitoring and Assessment*, 193, 351, (2021) , <https://link.springer.com/article/10.1007/s10661-021-09150-7>, **IF=3.31**
34. Khalilur Rehman, Kamran Tahir, Hessah A.AL-Abdulkarim, Ebraheem Abdu MusadSaleh, Abeer M.Alosaimi, Mahmoud A.Husseind, Afaq Ullah Khan, **Zia Ul Haq Khan**, Sadia Nazir, Umer Zaman. Photo inhibition and Photocatalytic Response of Surfactant Mediated Pt/ZnO Nanocomposite. *Photodiagnosis and Photodynamic Therapy* , 35, 102458, (2021), <https://www.sciencedirect.com/science/article/abs/pii/S1572100021002829> **IF= 3.77**
35. Muhammad Tariq, Arif Ullah Khan, Aziz Ur Rehamn, Sadeeq Ullah, Amin Ullah Jan, Zakareya Zakareya, **Zia Ul Haq Khan**, Nawshad Muhammad, Zia Ul Islam and Qipeng Yuan Green synthesis of nanocomposite and its' efficient antibacterial activity.. *Photodiagnosis and Photodynamic Therapy*, 35, 102471, (2021), [https:// www. Scienedirect.com/science/article/ abs/ pii/S1572100021002829](https://www.sciencedirect.com/science/article/abs/pii/S1572100021002829) **IF=3.77**
36. Jibrán Iqbal, Noor S.Shah Murtaza Sayed, JavedAli Khan, Muhammad Imran, **Zia Ul Haq Khan**, Nabeel Khan Niazid Ahmed A.Al-Taania, Fares HowariaYousef Nazzala. Exploring the potential of nano-zerovalent copper modified biochar for the removal of ciprofloxacin from water. *Environmental Nanotechnology, Monitoring & Management*, 16, 100604, (2021) <https://www.sciencedirect.com/science/article/abs/pii/S2215153221001793>
37. Muhammad MohsinIqbal, MuhammadImran, BabarAli, MuhammadNawaz, Muhammad HussnainSiddique, ,Abdullah A.Al-Kahtani KhalidHussain ,BehzadMurtaza, Noor SamadShah, **Zia Ul Haq Khan** Muhammad Rizwan ShafaqatAli. Nanocomposites of sedimentary material with ZnO and magnetite for the effective sequestration of arsenic from aqueous systems: Reusability modeling and kinetics. *Environmental Technology and innovation*, 21, (2021), 101298. <https://www.sciencedirect.com/science/article/abs/pii/S2352186420315984> , **IF= 7.75**

**2020**

38. Jibrán Iqbal, Noor S. Shahb, Murtaza Sayed, Nawshad Muhammad, Saif-ur- Rehman, Javed Ali Khan, Zia Ul Haq Khan, Fares M. Howaria, Yousef Nazzala, Cijo Xaviera, Sidra Arshad, Aseel Husseine, Kyriaki Polychronopoulou, Deep eutectic solvent-mediated synthesis of ceria nanoparticles with the enhanced yield for photocatalytic degradation of flumequine under UV-C. *Chemical Engineering Journal*: 101012 (2020) <https://www.sciencedirect.com/science/article/abs/pii/S2352186420315984> **IF= 16.74**

39. Noor S. Shah Javed Ali Khan Murtaza Sayed , Zia Ul Haq Khan, Jibrán Iqbal Muhammad Imran ,Behzad Murtaza, Ali Zakir, Kyriaki Polychronopoulou. Nano zerovalent zinc catalyzed peroxy monosulfate based advanced oxidation technologies for treatment of chlorpyrifos in aqueous solution: A semi-pilot scale study. *Journal of Cleaner Production* 246 119032 <https://www.sciencedirect.com/science/article/abs/pii/S0959652619339022>, **IF = 11.7**
40. Abdus Subhan, Rabia Irshad, Sadia Nazir, Kamran Tahir, Aftab Ahmad, Arif Ullah Khan, **Zia Ul Haq Khan**. A new study of biomediated Pd/TiO: A competitive system for *Escherichia coli* inhibition and radical stabilization. *Materials Research Express*, 6, 125430, (2020), <https://iopscience.iop.org/article/10.1088/2053-1591/ab5eaa/meta> **IF=2.02**
41. Muhammad Imran, Munawar Hussain, Ghulam Abbas, M Asif Naeem, Behzad Murtaza Muhammad Amjad, Muhammad Shahid, Azhar ulislam, Noor Samad Shah, **Zia Ul Haq Khan**. A new biochar from cotton stalks for As (V) removal from aqueous solutions: its improvement with H<sub>3</sub>PO<sub>4</sub> and KOH. *Environmental Geochemistry and Health*, 42, (2020), 2519-2534 <https://www.ncbi.nlm.nih.gov/pubmed/31587158>, **IF=4.80**
42. Muhammad Imran, **Zia Ul Haq Khan**, Jibrán Iqbal, Noor Samad Shah, Saima Muzammil, Shafaqat Ali, Nawshad Muhammad, Arwa Aziz, Behzad Murtaza, Muhamamd Asif Naeem, Muhammad Amjad, Muhammad Shahid, Ali Zakir, Muhammad Rizwan. Potential of siltstone and its composites with biochar and magnetite nanoparticles 2 for the removal of cadmium from contaminated aqueous solutions: batch and 3 column scale studies. *Environmental Pollution*, 259,(2020), 113938, [www.sciencedirect.com/science/article/pii/S0269749119352613](http://www.sciencedirect.com/science/article/pii/S0269749119352613) **IF=9.98**
43. Muhammad Imran, **Zia Ul Haq Khan**, Muhammad Mohsin Iqbal, Jibrán Iqbal, Noor Shah, SabaMunawar, shafaqat ali, Behzad Murtaza, Muhammad Asif Naeem. Effect of biochar modified with magnetite nanoparticles and HNO<sub>3</sub> for efficient removal of Cr (VI) from contaminated water: a batch and column scale study. *Environmental Pollution*, 261, (2020), 114231. <https://www.sciencedirect.com/science/article/pii/S0269749119378868>. **IF=9.988**.
44. Waqas Ahmad, saira shams, Lei Qin, Qipeng Yuan, Aftab Ahmad, Yun WEI, **Zia Ul Haq Khan**, Sadeeq Ullah,Aziz ur rahman Rahman. Eco-benign approach to synthesize spherical Iron oxide nanoparticles: a new insight in photocatalytic and biomedical applications. *Journal of Photochemistry and Photobiology B: Biology*, 205, (2020), 111821. <https://www.sciencedirect.com/science/article/abs/pii/S1011134419316653> **IF=6.81**.
45. Jabran Iqbal, Noor Samad Shah, Murtaza Syed, Javed Ali Khan, Nawshad Muhammad, **Zia Ul Haq Khan** , Nabeel Naizi Khan, etc Synthesis of Nitrogen-doped Ceria Nanoparticles in Deep Eutectic Solvent for the Degradation of Sulfamethaxazole under Solar Irradiation and Additional Antibacterial Activities. *Chemical Engineering Journal*, 394, (2020), 124869, , <https://www.sciencedirect.com/science/article/abs/pii/S1385894720308603>, **IF=16.744**

46. Muhammad Hussnain Siddique, Bilal Aslam, Muhammad Imran, Asma Ashraf, Habibullah Nadeem, Sureen Hayat, Mohsin Khurshid, Muhammad Afzal, Mudassar Shahzad, Umber Qureshi, **Zia Ul Haq Khan**, Saima Muzammil and Imran Riaz Malik. Effect of Silver Nanoparticles on Biofilm Formation and EPS production of Multi-Drug Resistant *Klebsiella pneumoniae*. *Bio Med Research International*, (2020) 6398165 <https://www.hindawi.com/journals/bmri/2020/6398165/>, **IF=3.246**
47. Noor S. Shah, Javed Ali Khan, Murtaza Sayed, Jibrán Iqbal, **Zia Ul Haq Khan**, Nawshad Muammad, Kyriaki Polychronopoulou, Sajjad Hussain, Muhammad Imran, Behzad Murtaz, Muhammad Usman, Issam Ismai, Asma Shafique, Yousef Nazzal, Fares Howari. Nano-zerovalent copper as a Fenton-like catalyst for the degradation of ciprofloxacin in aqueous solution. *Journal of Water Process Engineering* **37**, (2020) **101325** [com/science/article/pii/S221471442030204X?dgcid=author](https://www.sciencedirect.com/science/article/pii/S221471442030204X?dgcid=author) **IF=7.38**
48. Noor samad Shah, Javed Ali Khan, Murtaza Sayed, **Zia Ul Haq Khan**, Jibrán Iqbal, Sidra Arshad, Muhammad Junid, Hasan M. Khan. Synergistic effects of  $H_2O_2$  and  $S_2O_8^{2-}$  in the gamma radiation induced degradation of congo-red dye: Kinetics and toxicities evaluation. *Separation and Purification Technology*, **233**, (2020) 115966, <https://www.sciencedirect.com/science/article/abs/pii/S1383586619321999> **IF=9.130**,
49. Arif Ullah Khan, Sadeeq Ullah, Qipeng Yuan, Shafqat Ali, Aftab Ahmad, **Zia Ul Haq Khan**, Aziz Reman. In situ fabrication of Au–CoFe<sub>2</sub>O<sub>4</sub>: an efficient catalyst for soot oxidation. *Applied Nanoscience*, **10**, (2020), **3901-3910** <https://link.springer.com/article/10.1007/s13204-020-01502-y> **IF= 3.869**
50. Arif Ullah Khan, Aziz Ur Rahman, Qipeng Yuan, Lei Qin, Aftab Ahmad, **Zia Ul Haq Khan**, Sikandar Khan, Sadeeq Ullah, Adia Putra Wirman. Facile and eco-benign fabrication of Ag/Fe<sub>2</sub>O<sub>3</sub> nanocomposite using *Algaia Monozyga* leaves extract and its' efficient biocidal and photocatalytic applications. *Photodiagnosis and Photodynamic Therapy*. <https://www.sciencedirect.com/science/article/abs/pii/S1572100020303240>, **32**, (2020), **101970** **IF=3.77**.
51. Tania Sarwar, Muhammad Shahid, Natasha, Ali Haidar Shah, Sana Khalid, Naveed Ahmad, Muhammad Asif Naem, **Zia Ul Haq Khan**, Behzad Murtaza, Hafiz Faiq Bakhat. Quantification and risk assessment of heavy metal build-up in soil–plant system after irrigation with untreated city wastewater in Vehari Pakistan. *Environmental Geochemistry and Health*. <https://link.springer.com/article/10.1007/s11356-019-05706-w>. **42**, (2020) **4281-4297** **IF=4.89**
52. **Zia Ul Haq Khan**, Noor Samad Shah, Jibrán Iqbal, Arif Ullah Khan, Muhammad Imran Saad M. Alshehri, Nawshad Muhammad, Murtaza Sayed, Naveed Ahmad, Amina Kousar Munazza Ashfaq, Fares Howari, Kamran Tahir. Biomedical and Photocatalytic Applications of Biosynthesized Silver Nanoparticles: Ecotoxicology study of Brilliant Green dye and its Mechanistic Degradation Pathways *Journal of Molecular Liquids*. **319**, (2020), **114114** <https://www.sciencedirect.com/science/article/abs/pii/S016773222032208X> **IF= 6.63**

2019

53. Noor S. Shah, Javed Ali Khan, Murtaza Sayed, **Zia Ul Haq Khan**, Hafiz Sajid Ali, Behzad Murtaza, Hassan M. Khan, Muhammad Imran, Nawshad Muhammad. Hydroxyl and sulfate radical mediated degradation of ciprofloxacin using nano zero-valent manganese catalyzed S<sub>2</sub>O<sub>8</sub><sup>2-</sup>. *Chemical Engineering Journal*, **356**, (2019), 199-209, <https://www.Sciencedirect.com/science/article/pii/S1385894718317170>, **IF=16.774**
54. Ghulam Mustafa Shah, Umm-e-aiman, M. Imran, **Zia Ul Haq Khan** et al. Kinetics and equilibrium study of lead bio-sorption from contaminated water by compost and biogas residues. *International Journal of Environmental Science and Technology*, **16**, (2019) 3839-3850, <https://link.springer.com/article/10.1007/s13762-018-1865-x> **IF=3.51**
55. Faiz Rabbani, Ahson J. shaikh, Jamil Khan, Hymayn Ajaz, **Zia Ul Haq Khan**, Zulfaqar Ali Habib Hussain G.M. Shah. Removal of organic colorants using nano copper antimony oxychloride synthesized by non-solvated system, *Journal of Inorganic and Organometallic Polymers and Materials*, **29**, (2019),893-900 <https://link.springer.com/article/10.1007/s10904-018-01063-2> **IF= 3.51**
56. Noor S. Shah, Javed Ali Khan, Murtaza Sayed, **Zia Ul Haq Khan**, Hafiz Sajid Ali, Behzad Murtaza, Hassan M. Khan, Muhammad Imran, Nawshad Muhammad. Hydroxyl and sulfate radical mediated degradation of ciprofloxacin using nano zero-valent manganese catalyzed S<sub>2</sub>O<sub>8</sub><sup>2-</sup>. *Chemical Engineering Journal*, **356**, (2019), 199-209, <https://www.Sciencedirect.com/science/article/pii/S1385894718317170>, **IF=16.774**
57. **Zia Ul Haq Khan**, Hafiz Masood Sadiq Noor Samad Shah, Arif Ullah Khan, Nawshad Muhammad, Sadaf Ul Hassan, Kamran Tahir et al. Greener Synthesis of Zinc Oxide Nanoparticles using *Trian thema Portulacastrum* Extract and Evaluation of its Photocatalytic and Biological Applications, *Journal of Photochemistry and Photobiology B: Biology*, **192**, (2019), 147-157, [sciencedirect.com/science/article/pii/S1011134418312739](https://www.sciencedirect.com/science/article/pii/S1011134418312739), **IF= 6.88**
58. Muhammad Imran, Kamran Anwar, Muhammad Akram, Ghulam Mustafa, Shah, Iftikhar Ahmad, Noor Samad Shah, **Zia Ul Haq Khan**, Muhammad Imtiaz Rashid, Muhammad Nadeem Akhtar, Sajjad Ahmad, Muhammad Nawaz & Ruud J. Schotting. Bio sorption, of (II) from contaminated water on to Moringa oleifera biomass: kinetic and equilibrium studies. *International Journal of Phytoremediation*, **8**, (2019), 777-789. [https:// www.ingentaconnect.com/content/tandf/bijp/2019/00000021/00000008/art00007;jsessionid=2s1g1ms5qia7g.x-ic-live-02](https://www.ingentaconnect.com/content/tandf/bijp/2019/00000021/00000008/art00007;jsessionid=2s1g1ms5qia7g.x-ic-live-02) **IF= 4**
59. Aziz Ur Rahman, Arif Ullah Khan, Qipeng Yuan, Yun Wei, Aftab Ahmad, Sadiq Ullah Zia Ul Haq Khan, Saira Shams, Muhammad Tariq, Waqas Ahmad. Tuber extract of *Arisaema flavum* Ecobenignly and effectively Synthesize Silver nanoparticles: Photocatalytic and antibacterial response against multidrug resistant Engineered E. Coli QH4. *Journal of Photochemistry & Photobiology, B Biology* **193**, (2019) 31-3, <https://www.sciencedirect.com/science/article/pii/S101113441831323X> **IF=6.88**
60. Behzad Murtaza Imran, Noor S. Shah, Muhammad Shahid Nawshad Muhammad, Murtaza Sayed, **Zia Ul Haq Khan**, Javed Ali Khan, Ayesha Ghani, Muhammad Shafique Khalid, Muhammad , Ghulam Murtaza, Nabeel Khan Niaz. Synergistic effects of bismuth coupling on the reactivity and re- usability of zero-valent iron nanoparticles for the removal of cadmium from aqueous solution. *Science of the Total Environment*. **669**, (2019) 333-341 <https://www.sciencedirect.com/science/article/pii/S0048969719310411>, **IF=10.75**



61. Murtaza Sayed Mehreen Gul, Noor S. Shah, Javed Ali Shah, **Zia Ul Haq Khan**, Faiza Rahman, Abdur Rehman Khan, Sajid Rauf, Hamidreza Arandiyan, Chang Ping Yang. In-situ dual applications of ionic liquid coated Co<sup>2+</sup> and Fe<sup>3+</sup> co-doped TiO<sub>2</sub>: Superior photocatalytic degradation of ofloxacin at pilot scale level and enhanced peroxidase like activity for calorimetric bio sensing *Journal of Molecular Liquids*, **282**, (2019) 275-285 <https://www.sciencedirect.com/science/article/pii/S0167732219306142> **IF=6.61**
62. Zuhra Tayyab , Sher Zaman Safi , Abdur Rahim , Amir Sada Khan , Faiza Sharif , **Zia Ul Haq Khan** , Fozia Rehman , Zahoor Ullah , Jibran Iqbal , Nawshad Muhammad. Preparation of cellulosic Ag-nanocomposites using an ionic liquid. *Journal of Biomaterials Science: Polymer Edition* **30**, (2019) 785-796 <https://www.tandfonline.com/doi/abs/10.1080/09205063.2019.1605869?journalCode=tbsp20>, **IF=3.617**
63. Muhammad Imran , Azhar Ul Islam , Muhammad Adnan Tariq , Muhammad Hussnain Siddique Noor Samad Shah , **Zia Ul Haq Khan** , Muhammad Amjad , Salah Ud Din , Ghulam Mustafa Shah , Muhammad Asif Naeem , Muhammad Nadeem , Muhammad Nawaz , Muhammad Rizwan . Synthesis of Magnetite Based Nanocomposites for Effective Removal of Brilliant Green Dye from Wastewater. *Environmental Science and Pollution Research*. **26**, (2019) 2448-24502 <https://link.springer.com/article/10.1007/s11356-019-05706-w>. **IF=5.190**
64. Jibran Iqbal, Noor S Shah, Murtaza Sayed, Muhammad Imran, Nawshad Muhammad, Fares M. Howari Sara A. Alkhoori, Javed Ali Khan, **Zia Ul Haq Khan**, Amit Bhatnagar, Kyriaki Poly-chronopoulou, Issam Ismail. Synergistic effects of activated carbon and nano-zerovalent copper on the performance of hydroxyapatite-alginate beads for the removal of As<sup>3+</sup> from aqueous solution. *Journal of Cleaner Production*. **235**, (2019), 875-886 <https://www.sciencedirect.com/science/article/pii/S0959652619322930>, **IF=11.072**
65. Saira Shams, Arif Ullah Khan, Qipeng Yuan, Waqas Ahmad, YunWei, **Zia Ul Haq Khan**, Sumaira Shams Aftab Ahmad Aziz Ur Rahman Sadeeq Ullah. Facile and eco-benign synthesis Au@Fe<sub>2</sub>O<sub>3</sub> nanocomposite: Efficient photocatalytic, antibacterial and antioxidant agent. *Journal of Photochemistry and Photobiology B: Biology* **199**, (2019) 111632=<https://www.sciencedirect.com/science/article/pii/S101113441930956X> **IF=6.88**
66. Muhammad Shakeel , Ghulam Yasin , Muhammad Arif , Xiaorong Zhang , Zaheer Abbas , Shafiullah Khan , Wajid Rehman , Umber zaman , **Zia Ul Haq Khan** , Baoshan Li. A Facile Band Alignment with Sharp Edge Morphology Accelerating the Charge Transportation for Visible Light Photocatalytic Degradation: A Multiplex Synergy. *Journal of Water Process Engineering* **32**, (2019), 100985 <https://www.sciencedirect.com/science/article/pii/S221471441930542> **IF=7.34**
- 2018**
67. Hidayat Ullah Shash, Fengping Wang, Arbab Mohammad Toufiq, Shujaat Ali, **Zia Ul Haq Khan**, Yan Li, Jianling Hu, Kang He. Electrochemical Properties of Controlled Size Mn<sub>3</sub>O<sub>4</sub> Nanoparticles for Supercapacitor Applications. *Journal of Nano- science and Nanotechnology*, **18**, (2018), 719724 (6) <http://www.ingentaconnect.com/contentone/asp/jnn/2018/00000018/00000001/art00098>, **IF=1.31**

68. **Zia Ul Haq Khan**, Amjad Khan, Young Mei Chen, Noor S. Shah, Arif Ullah Khan, Nawshad Muhammad, Kamran Tahir, Hidayat Ullah Shah, Zia Ullah Khan, Muhammad Shakeel, Muhammad Nadeem, Muhammad Imran, Pingyu Wan. Enhanced antimicrobial, anti-oxidant applications of green synthesized AgNPs- an acute chronic toxicity study of phenolic azo dyes & study of materials surface using X-ray photoelectron spectroscopy. *Journal of Photochemistry and Photobiology B: Biology*; **180**, (2018). 208-217 <https://www.sciencedirect.com/science/article/pii/S1011134418300411>, **IF=6.88**
69. Jia Liu, Hailang Xiong, Siyuan Tong, Yang Tang, Yongmei Chen, Yanzhi Sun, Xiaojin Yang, Pingyu Wan, and **Zia Ul Haq Khan**, Hydrogen-motivated electrolysis of sodium carbonate with extremely low cell voltage. *chemical communications*: **54**, (2018)-3582- 3585 <http://pubs.rsc.org/en/content/articlelanding/2018/cc/c8cc00812d#!divAbstract>, **IF=6.06**
70. Bushra Iqbal, Zenab Sarfaraz, Nawshad Muhammad, Pervaiz Ahmad, Jibrán Iqbal, **Zia Ul Haq Khan**, Girma Gonfa, Farasat Iqbal, Arshad Jamal & Abdur Rahim. Ionic Liquid as A Potential Solvent for Preparation of Collagen-Alginate-Hydroxyapatite Beads as Bone Filler. *Journal of Biomaterials Science Polymer Edition*. 29(10): (2018) 1168-1184 1184. <https://www.tandfonline.com/doi/abs/10.1080/09205063.2018.1443604?journalCode=tbsp20> , **IF=3.617**
71. **Zia Ul Haq Khan** Amjad Khan, Kamran Tahir, Arif Ullah Khan, Nawshad Muhammad Faheem Ullah Khan and Pingyu Wan. New Natural Products -efficient antimicrobial applications of new newly synthesized pyrimidine derivatives by the electrochemical oxidation of hydroxyl phenol in the presence of 2-mercapto-6- (trifluoromethyl) pyrimidine-4-ol as Nucleophile. *Natural Products Research*. **32(10)**, (2018). 1161–1169 ,[https://www.tandfonline.com/doi/abs/10.1080/14786419.2017.1326043?](https://www.tandfonline.com/doi/abs/10.1080/14786419.2017.1326043?scroll=top&needAccess=true&journalCode=gnpl20) [scroll=top&needAccess=true &journalCode=gnpl20](https://www.tandfonline.com/doi/abs/10.1080/14786419.2017.1326043?scroll=top&needAccess=true&journalCode=gnpl20), **IF=2.48**
72. Hidayat Ullah Shah, Fengping Wang, , Muhammad Sufyan Javed , M.A. Ahmad , Muhammad Salem, Jinbing Zhan , **Zia Ul Haq Khan** , Yan Li. In-situ growth of MnO<sub>2</sub> nanorods forest on carbon textile as efficient electrode material for super capacitors *Journal of Energy Storage*. **17**, (2018), 318–326 <https://www.sciencedirect.com/science/article/pii/S2352152X18300318>, **IF=8.91**
73. Arif Ullah Khan, Qipeng Yuan, **Zia Ul Haq Khan**, Aftab Ahmad, Faheem Ullah Khan, Kamran Tahir, Muhammad Shekel, Sadeeq Ullah- eco-benign synthesis of AgNPs using aqueous extract of Longan fruit peel: Anti proliferative response against human breast cancer cell line MCF-7, antioxidant and photocatalytic deprivation of methylene blue. *Journal of Photochemistry & Photobiology, B: Biology*. **183** (2018) 367–373 <https://www.sciencedirect.com/science/article/pii/S1011134418303762>, **IF=6.88**
74. Jawad Ali, Rabia Irshad, Baoshan Li, Kamran Tahir, Aftab Ahmad, Muhammad Shakeel, Naeem Ullah Khan, **Zia Ul Haq Khan**. Synthesis and characterization of phytochemical fabricated zinc oxide nanoparticles with enhanced antibacterial and catalytic applications. *Journal of Photochemistry & Photobiology, B: Biology*, **183** (2018) 349–35 <https://www.sciencedirect.com/science/article/pii/S1011134418301234>, **IF=6.88**

75. Noor S. Shah, Allah Ditta Rizwan, Javed Ali Khan, Murtaza Sayed, **Zia Ul Haq Khan**, Behzad Murtaz. Toxicities, kinetics and degradation pathways investigation of ciprofloxacin degradation using iron-mediated H<sub>2</sub>O<sub>2</sub> based advanced oxidation processes. *Process Safety and Environmental Protection*, **117**, (2018) 473-482  
<https://www.sciencedirect.com/science/article/pii/S0957582018301964>, **IF=7.91**
76. Shuangyan Liu , Lei Wang , Guoyi Duan , Linan Wang , **Zia Ul Haq Khan** , Yanzhi Sun , Yongmei Chen and Pingyu Wan. One-Pot Electro-Polymerized SDPAS/PPy/CNTs Modified Electrode for Selective Detection of Dopamine. *Electroanalysis*. **30(9)**, (2018) ,2035-2043,  
<https://onlinelibrary.wiley.com/doi/full/10.1002/elan.201800146>, **IF=3.22**
77. Xin Xu, You Zhou, Zhiwen Feng, Naeem Ullah Kahn, **Zia Ul Haq Khan**, Yang Tang Yanzhi Sun, Pingyu Wan, Yongmei Chen and Maohong Fan. A Self-supporting  $\lambda$ -MnO<sub>2</sub> Film Electrode used for Electrochemically Lithium Recovery from Brines. *Chem Plus Chem* **83(6)**, (2018)521-528, <https://onlinelibrary.wiley.com/doi/10.1002/cplu.201800185>, **IF=3.45**
78. Hidayat Ullah Shah, Fengping Wang Muhammad Sufyan Javed, Rabia Saleem, Muhammad Shahzad Nazir, Jinbing Zhan, **Zia Ul Haq Khan**, Muhammad Umer Farooq, Shujaat Ali. Synthesis, Characterization and Electrochemical Properties of  $\alpha$ -MnO Nanowires as Electrode Material for Super capacitors. *Int. J. Electrochem. Sci.*, **13**,(2018), 6426–6435.  
<https://www.researchgate.net/publication/325711384>, **IF=1.57**
79. Noor S. Shah, Javed Ali Khan, Murtaza Sayed, **Zia Ul Haq Khan**, et al. Solar light driven degradation of Norfloxacin using as-synthesized Bi<sup>3+</sup> and Fe<sup>2+</sup> co-doped ZnO with the addition of HSO<sub>5</sub><sup>-</sup>: Toxicities and degradation pathways investigation. *Chemical Engineering Journal* **351**, (2018), 841–855, <https://www.sciencedirect.com/science/article/pii/S1385894718311495>, **IF=16.744**
80. Shuxian Zhuang , Linan Wang , Hanjun Hu , Yang Tang , Yongmei Chen Hengliang Mo , Xiaojin, Yang , Pingyu Wan and **Zia Ul Haq Khan**. Ultrafast Electrode position of Ni Metal and NiFe Hydroxides Composite with Heterogeneous Nanostructures as High Performance Multifunctional Electro-catalysts. *Chem Electro Chem*. **5(8)**, (2018), 2577-2583  
<https://onlinelibrary.wiley.com/doi/10.1002/celec.201800819>, **IF=4.59**
81. Faiz Rabbani, Muhammad Rafique, Ahson J Shaikh,; Reena Rasheed. Muhammad Bilal Tahir, Syed Sajid Ali Gillani, Arslan Usman, Muhammad Imran Bhatti, Muhammad Zakir Ali, **Zia Ul Haq Khan**. Aquatic biodegradation of methylene blue by copper oxide nanoparticles synthesized from *Azadirachta indica* leaves extract. *Journal of Inorganic and Organometallic Polymers and Materials*, **28(6)** (2018) 2455-2462.  
<https://link.springer.com/article/10.1007%2Fs10904-018-0921-9>, **IF=3.543**
82. Sadaf Ul Hassan, Faisal Nawaz, **Zia Ul Haq Khan**, Attia Firdous, Muhammad Asim Farid, Muhammad Shahid Nazir. Optical materials: Studying the role of heteropolyacid to enhance the nonlinear optical responses of porphyrin in their hybrids system. *Journal Optical Materials*, **86** (2018), 106-112,  
<https://www.sciencedirect.com/science/article/pii/S0925346718306578>, **IF=3.442**

## 2017

83. Kamran Tahir, Sadia Nazir, Aftab Ahmad, Baoshan Li, Arif Ullah Khan, **Zia Ul Haq Khan**, Faheem Ullah Khan , Qudrat Ullah Khan, Abrar Khan, Aziz Ur Rahman. Facile and green synthesis of phytochemicals capped platinum nanoparticles and in vitro their superior antibacterial activity *Journal of Photochemistry & Photobiology, B: Biology*, **166** (2017), 246–251. <http://www.sciencedirect.com/science/article/pii/S101113441630971X>, **IF=6.88**
84. Nawshad Muhammad, Abdur Rahim, Girma Gonfa, Pervaiz Ahmad , Farasat Iqbal, Faiza Sharif, Amir Sada Khan, Farman Ullah Khan, **Zia Ul Haq Khan** , Bushara Iqbal, Investigation of ionic liquids as a pretreatment solvent for extraction of collagen biopolymer from waste fish scales using COSMO-RS and experiment. *Journal of molecular liquids*. **232**, (2017) , 258–264 <http://www.sciencedirect.com/science/article/pii/S0167732216339745>, **IF=6.61**
85. Faheem Ullah Khan, **Zia Ul Haq Khan** Visible light inactivation of *E. coli*, Cytotoxicity and ROS determination of biochemically capped gold nanoparticles et al. *Microbial Pathogenesis* , **107**, (2017),419-424. <http://www.sciencedirect.com/science/article/pii/S0882401017302401>, **IF=3.84**
86. **Zia Ul Haq Khan**, Amjad Khan, Chen Young Mei, Noor S. Shah, Arif Ullah Khan, Kamran Tahir, Faheem Ullah Khan and Wan Pingyu. Photo catalytic applications of gold nanoparticles synthesized by green route and electrochemical degradation of phenolic Azo dyes using AuNPs/GC as modified paste electrode. *Journal of Alloy and compounds*. **725**, (2017) 869-876. <https://www.sciencedirect.com/science/article/pii/S0925838817325987>, **IF=6.30**
87. **Zia Ul Haq Khan** , Amjad Khan, Yongmei Chen Pingyu Wan Noor S. Shah, Nawshad Muhammad, Arif Ullah Khan, Kamran Tahir, and Faheem Ullah Khan, Sadaf Ul Hassan, Saeed Ahmad Qaisrani, Pingyu Wan. Biomedical applications of green synthesized Nobel metal nanoparticles .*Journal of Photochemistry and Photobiology, B: Biology*. **173**, (2017), 150-164 <http://www.sciencedirect.com/science/article/pii/S1011134417304980>, **IF=6.37**
88. Bushra Iqbal, Nawshad Muhammad, Arshad Jamal, Pervaiz Ahmad, **Zia Ul Haq Khan**, Abdur Rahim, Amir Sada Khan, Girma Gonfa, Jibran Iqbal Ihtesham Ur Rehman. An application of ionic liquid for preparation of homogeneous collagen and alginate hydrogels for skin dressing. *Journal of Molecular Liquids*, **243**, (2017), 720-725, <https://www.Sciencedirect.com/science/article/abs/pii/S0167732217327435> **IF=6.61**

## 2016

89. Arif Ullah khan, Yun Wei, Aftab Ahmad, **Zia Ul Haq Khan**, Kamran Tahir, Shahab Ullah Khan, Nawshad Muhammad, and Faheem Ullah Khan. Enzymatic browning reduction in white cabbages, potent antibacterial and antioxidant activities of biogenic silver nanoparticles. *Journal of Molecular Liquids*. **215**, (2016), 39-46 <http://www.sciencedirect.com/science/article/pii/S0167732215305584>, **IF=6.61**
90. **Zia Ul Haq Khan**, Amjad Khan, Afzal Shah, Yongmei Chen, Pingyu Wan, Arif Ullah Khan, Kamran Tahir, Nawshad Muhammad, Faheem Ullah Khan and Hidayat Ullah Shah. Photo catalytic, antimicrobial activities of biogenic silver nanoparticles and electrochemical degradation of water soluble dyes at glassy carbon/silver modified past electrode using buffer solution. *Journal of Photochemistry and Photobiology B: Biology*. **156**, (2016), 100-107 <http://www.sciencedirect.com/science/article/pii/S1011134416300148>, **IF=6.88**

91. Arif Ullah Khan, Yun Wei, **Zia Ul Haq Khan** , Kamran Tahir, Aftab Ahmad, Shahab Ullah Khan, Faheem Ullah Khan, Qudrat Ullah Khan and Qipeng Yuan. Visible light-induced photo degradation of methylene blue and reduction of 4-nitrophenol to 4-aminophenol over bio-synthesized silver nanoparticles *Separation Science and Technology*. **51**,(2016), 1070-1078 <http://www.tandfonline.com/doi/abs/10.1080/01496395.2016.1140203>, **IF=2.799**
92. Arif Ullah Khan, Yun Wei, Qipeng Yuan, Shahab Ullah Khan, Kamran Tahir, **Zia Ul Haq Khan**, Aftab Ahmad, Farman Ali Khan and Sadia Nazir. Longan fruit juice mediated synthesis of uniformly dispersed spherical gold nanoparticles: Cytotoxicity against human breast cancer cell line MCF-7, Antioxidant and Fluorescence properties. *RSC advances*. **6**,(2016)23777-23782 <http://pubs.rsc.org/en/content/articlelanding/2016/ra/c5ra27100b#!divAbstract>, **IF=4.037**
93. Arif Ullah Khan, Qipeng Yuan, Yun Wei , **Zia Ul Haq Khan**, Kamran Tahir , Shahab Ullah Khan, Aftab Ahmad ,Shafiullah Khan, Sadia Nazir , Faheem Ullah Khan. Ultra-efficient photocatalytic deprivation of methylene blue and biological activities of biogenic silver nanoparticles. *Journal of Photochemistry & Photobiology, B: Biology*. **159** (2016)49–58. <http://www.sciencedirect.com/science/article/pii/S1011134415302141>, **IF=6.88**
94. **Zia Ul Haq Khan**, Amjad Khan, Afzal Shah, Pingyu Wan, Yongmei Chen, Gul Majid Khan, Arif Ullah Khan, Kamran Tahir, Nawshad Muhammad and Hidayat. Ullah Khan. Enhanced Photocatalytic and Electro-catalytic Applications of Green Synthesized Silver Nanoparticles. *Journal of molecular Liquid*, **220**, (2016), 248-257 <https://www.sciencedirect.com/science/article/abs/pii/S0167732215312381> **IF=6.61**
95. Kamran Tahir, Aftab Ahmad, Baoshan Li, Arif Ullah Khan, Sadia Nazir, Shafiullah Khan, **Zia Ul Haq Khan**, Shahab Ullah Khan. Preparation, characterization and an efficient photocatalytic activity of Au/TiO<sub>2</sub> nano composite prepared by green deposition method. *Journal of Material Letters*. **178**, (2016), 56-59 <http://www.sciencedirect.com/science/article/pii/S0167577X16306851>, **IF=3.52**
96. Dandan Kong, Weijun Kong, **Zia Ul Haq Khan**, Pingyu Wan; Yongmei Chen, Meihua Yang. Determination of Thiol Content in Fossil Fuel by Cyclic Voltammetry using in situ Bismuth Film. Electrode. *Journal of Fuel* **182**, (2016) 266-271, <http://www.sciencedirect.com/science/article/pii/S0016236116304082>, **IF=8.035**
97. Kamran Tahir, Aftab Ahmad, Baoshan Li, Sadia Nazir, Arif Ullah Khan, Tabssum Nasir , **Zia Ul Haq Khan**, Rubina Naz, Muslim Raza. Visible light photocatalytic inactivation of bacteria and photo degradation of methylene blue with Ag/TiO<sub>2</sub>nanoompsite prepared by a novel method. *Journal of Photochemistry & Photobiology, B: Biology*. **162**, (2016) 189-198. <http://www.Science direct.com/science/article/abs/pii/S1011134416301403>, **IF=6.88**
98. Arif Ullah Khan, Yun Wei, Qipeng Yuan, Kamran Tahir, **Zia Ul Haq Khan**, Faheem Ullah Khan, Shafi Ullah Khan, Gul Majid Khan, Farman Ali Khan, Aftab Ahmad Photocatalytic and antibacterial response of biosynthesized Gold nanoparticles. *Journal of Photochemistry & Photobiology, B: Biology*. **162**, (2016), 273-277, <https://www.ncbi.nlm.nih.gov/pubmed/27394010>, **IF=6.88**

99. Kamran Tahir, Sadia Nazir, Aftab Ahmad, Baoshan Li, Sayyed Asim Ali Shah , Arif Ullah Khan, Gul Majid Khan, Qudrat Ullah Khan, **Zia Ul Haq Khan** , Faheem Ullah Khan. Biodirected Synthesis of Palladium nanoparticles using Phoenix dactylifera leaves extract and their size dependent biomedical and catalytic applications. *RSC advances*. **6**, (2016), 85903-85916, <http://pubs.rsc.org/en/content/articlelanding/2016/ra/c6ra11409a#!divAbstract>, **IF=4.03**
100. Faheem Ullah Khan, Yongmei Chen, Naeem Ullah Khan, **Zia Ul Haq Khan**, Arif Ullah Khan, Aftab Ahmad, Kamran Tahir, Lei Wang, Muhammad, Riaz Khan, Pingyu Wan. Antioxidant and catalytic applications of silver nanoparticles using Dimocarpus longan seed extract as a reducing and stabilizing agent. *Journal of Photochemistry & Photobiology, B: Biology*, **164** (2016)344– 351 <http://www.sciencedirect.com/science/article/pii/S1011134416304250>, **IF=6.88**
101. Kamran Tahir, Sadia Nazir, Baoshan Li, Aftab Ahmad, Tabassum Nasi, Arif Ullah Khan, Sayyed Asim Ali Shah , Zia Ul Haq Khan, Gululam Yasin, Muhammad Usman Hameed. Sapium sebiferum leaf extract mediated synthesis of palladium nanoparticles and in vitro investigation of their bacterial and photocatalytic activities. *Journal of Photochemistry & Photobiology, B: Biology*, **164** (2016), 164-17 <https://www.Sciencedirect.com/science/article/pii/S1011134416304250> **IF=6.88**

## 2015

102. Aftab Ahmad, Fatima Syed, Muhammad Imran, Arif Ullah Khan, Kamran Tahir, **Zia Ul Haq Khan** and Qipeng Yuan. Phytosynthesis and Anti-leishmanial Activity of Gold Nanoparticles by Maytenus Royleanus. *Journal of Food Biochemistry*. **40(4)**, (2015),420-427 <http://onlinelibrary.wiley.com/doi/10.1111/jfbc.12232/abstract>, **IF=3.65**
103. **Zia Ul Haq Khan**, Yongmei Chen Pingyu Wan Shafiullah Khan and Dandan Kong Arif Ullah Khan, Karman Tahir. In-vitro Pharmacological Screening of Three Newly Synthesized Pyrimidine Derivatives. *Natural Product Research*. **29(10)** (2015), 933- 938, <http://www.tandfonline.com/doi/abs/10.1080/14786419.2014.964707>, **IF=2.48**
104. **Zia Ul Haq Khan**, Dandan Kong Yongmei Chen, Nawshad Muhammad, Arif ullah Khan, Faheem Ullah Khan, Kamran Tahir, Aftab Ahmad and Lai wan Pingyu Wan. Review articles, Ionic Liquids based Fluorination of Organic Compounds using Electrochemical Method. *Journal of Industrial and Engineering Chemistry*.**31**, (2015), 28-36, <https://www.sciencedirect.com/science/article/pii/S1226086X15002865>, **IF=6.76**
105. **Zia Ul Haq Khan**, Arif Ullah Khan, Yongmei Chen, Shafiullah Khan, Dandan Kong Karman Tahir, Faheem Ullah Khan, Pingyu Wan and Jin Xin. Electrochemical Oxidation of Catechols in the Presence of 4-mercapto-benzoic acid, to Synthesis Sulfanyl Compounds and their Biological Studies. *Tetrahedron*.**71**,(2015),16741678<http://www.sciencedirect.com/science/article/pii/S004040201500112X>, **IF=2.45**
106. Dandan Kong, Yongmei Chen, Pingyu Wan, **Zia Ul Haq Khan**. Electrochemical Synthesis of Periodate Combined with Indirect Oxidation of Chlorine on RuOx/T Electrode. *Int. J. Electrochem. Sci.***10**, (2015), 6422– 6432 <http://www.electrochemsci.org/list15.htm#issue10>, **IF=1.57**

107. Tahir, Baoshan Li, Shafiullah Khan, Sadia Nazir, **Zia Ul Haq Khan**, Arif Ullah Khan, Rafiq Ul Islam. Enhanced chemocatalytic reduction of aromatic nitro compounds by biosynthesized gold nanoparticles. *Journal of Alloys and Compounds*. 651 (2015), 322-327. <https://www.sciencedirect.com/science/article/abs/pii/S0925838815308057>, **IF=6.37**
108. Kamran Tahir, Sadia Nazir, Baoshan Li. Arif Ullah Khan, **Zia Ul Haq Khan**, Peng Yu Gong, Shahab Ullah Khan, Aftab Ahmad. Nerium oleander leaves extract mediated synthesis of gold nanoparticles and its antioxidant activity. *Journal Materials latter*. 156, (2015)198-201 <http://www.sciencedirect.com/science/article/pii/S0167577X15007843>, **IF=3.520**
109. Arif Ullah Khan, Yun Wei, **Zia Ul Haq Khan**, Kamran Tahir, Shahab Ullah Khan, Aftab Ahmad, Faheem Ullah Khan, Li Cheng1, Qipeng Yuan. Electrochemical and Antioxidant Properties of Bio- genic Silver Nanoparticles. *Int. J. Electrochem. Sci.* 10, (2015), 7905-7916 <http://www.sciencedirect.com/science/article/pii/S0167577X15007843> **IF=1.57**
110. Kamran Tahir, Sadia Nazir, Baoshan Li, Arif Ullah Khan, PengYu Gong, **Zia Ul Haq Khan**, Aftab Ahmad. An efficient photo catalytic activity of green synthesized silver nanoparticles using *Salvadora persica* stem extract. *Separation and Purification Technology*. 150, (2015),316-24 <http://www. Science direct. com/ science/ article/ pii/ S1383586615300800>, **IF=9.13**
111. Kamran Tahir, Sadia Nazir, Baoshan Li, Arif Ullah Khan, **Zia Ul Haq Khan**, Aftab Ahmad and Qudrat Ullah Khan. Enhanced visible light photo catalytic inactivation of *Escherichia coli* using silver nano particles as photo catalyst. *Journal of photochemistry and photobiology B: Biology* 153, (2015), 261-266 <http:// www. sciencedirect. com/ science/ article/ pii/ S1011134415003061>,**IF=6.88**
112. Aftab Ahmad, Yun Wei, Fatima Syed, Muhammad Imran, **Zia Ul Haq Khan**, Kamran Tahir, Arif Ullah Khan, Muslim Raza, Qudratullah Khan and Qipeng Yuan. Size dependent catalytic activities of green synthesized gold nanoparticles and electrocatalytic oxidation of catechol on gold nanoparticles modified electrode. *RSC Advances*. 5, (2015) 99364-99377 <http://pubs.rsc.org/en/content/articlelanding/2015/ra/c5ra20096b#!divAbstract>, **IF=4.03**
- 2014**
113. **Zia Ul Haq Khan**, Yongmei Chen, Shafiullah Khan, Dandan Kong , Mo Heng Liang, Pingyu Wan. Electrochemical Initiation of Nucleophilic Substitution of Hydroquinone with 4, 6-Dimethylpyri- midine-2-thiol. *Int. J. Electrochem. Sci.* 9, (2014), 4665 - 4674 <http://www.sciencedirect.com/science/ article/pii/S0167577X15007843> **IF=1.75**
114. Dandan Kong, Yongmei Chen, Pingyu Wan, Shuangyan Liu, **Zia Ul Haq Khan**, Bao Men. Pre- plating of Bismuth film electrode with co-existed Sn+2 In electrolyte. *Electrochimica Acta*. 125,(2014),57357. <http://www.sciencedirect.com/science/article/pii/S0013468614001790>,**IF=7.33**
115. Haibin Zhu, Zumaopeng, Yongmei Chen, Gaiyun Li, Lei Wang, Yang Tang, Ran Pang, **Zia Ul Haq Khan** and Pingyu Wan. Preparation and characterization of flame retardant polyurethane foams containing phosphorus nitrogen-functionalized lignin. *RSC Adv.* 4,(2014) 55271 55279. <http://pubs.rsc.org/en/content/articlelanding2014/ra/c4ra08429b#!divAbstract>. **IF= 4.03**