**Dr. Imran Aslam Associate Professor (BPS-20)**



**[M.Sc. (PU), M.Phil. (GCUL), Ph.D. (BIT), Postdoc (UCAS)]** Department of Physics

 GC Women University Sialkot

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 : imran.aslam@gcwus.edu.pk

**Profile Highlights**

* 15 Years Research/Teaching experience
* More than 60 Research Articles in international peer reviewed journals as author/co-author
* 300 cumulative impact factor, citations (3250), H-index (27), i10-index (47) as per Google Scholar
* Reviewer of several international peer reviewed journals
* HEC Approved Supervisor of MS/PhD programs
* External Examiner of MS/PhD
* External Member of BOS
* Co-PI of No. 7876/Federal/NRPU/R&D/HEC/201 of 9.4 million rupees
* Quaid-e-Azam Gold Medal Award 2020 by Istehkam-e-Pakistan Foundation
* Winner of CAS President’s International Fellowship Initiative (PIFI) 2016 for Postdoctoral Studies at Chinese Academy of Sciences
* Distinguished Student Award (2013/2014) at Beijing Institute of Technology, China
* Winner of CSC Scholarship (2011-2015) for PhD at Beijing Institute of Technology, China
* Winner of M. Phil. Fellowship at Salam Chair in Physics GC University, Lahore

**Educational Profile:**

* **Postdoc (2017**) **|**National Centre for Nanoscience and Technology (NCNST), Chinese Academy of Sciences
* **PhD (2015)** **|** Beijing Institute of Technology, P. R. China
* **M. Phil (2010)** **|** Department of Physics, GC University, Lahore, Pakistan
* **M. Sc (2008)** **|** Department of Physics, University of the Punjab, Lahore, Pakistan

**Professional Experience**

* **Associate Professor (BPS-20)** Since May 2023

Department of Physics, GC Women University, Sialkot

* **Assistant Professor (TTS-19)** (2017-2023)

Department of Basic Sciences & Humanities UET Lahore, Narowal Campus

* **Assistant Professor** (March-December 2017)

Department Physics, Riphah International University, Lahore Campus

* **Postdoctoral Researcher** (2016-2017)

National Centre for Nanoscience and Technology (NCNST), Chinese Academy of Sciences, China

* **Assistant Professor (IPFP-19)** (2015-2016)

Department Physics, University of Gujrat, Gujrat

* **Research Officer (BPS-17)** (2010-2011)

Department Physics, Govt. College University, Lahore

* **M. Phil Research Fellow (BPS-16)** (2008-2010)

Salam Chair in Physics, Govt. College University, Lahore

**Research Interest**

Synthesis and characterization of micro/nano heterostructured materials by simple and economical methods; their optical & photoluminescence properties, energy storage applications like super-capacitors, lithium-ion batteries, photocurrent response, incident photo-to-current conversion efficiency (IPCE), photocatalytic hydrogen production via water-splitting, environmental applications like photo-degradation, and density functional theory (DFT).

**Administrative Assignments**

* Exam Coordinator (2023-todate) |Department of Physics, GCWUS
* Scholarship Coordinator (2023-todate) |Department of Physics, GCWUS
* MS Admission Coordinator (2023-2024) |Department of Physics, GCWUS
* Resident Officer (2020-2023) |UET Lahore, Narowal Campus
* Convener Mess Committee (2021-2023) |UET Lahore, Narowal Campus
* Convener Technical Evaluation Committee (2020-2023) |UET Lahore, Narowal Campus
* Convener Events Management Committee (2022-2023) |UET Lahore, Narowal Campus
* Exam Superintendent(2015-2016)|Department of Physics, University of Gujrat
* MPhil Coordinator (2015-2016)|Department of Physics, University of Gujrat

**Other Professional Assignments**

* External Examiner of MS/PhD of University of Gujrat, Gujrat
* External Examiner of MS/PhD of The University of Chenab, Gujrat
* External Member of BOS of The University of Chenab, Gujrat
* Member of BOS of GC Women University Sialkot
* External Examiner of MS/PhD of Riphah International University, Lahore Campus

**Reviewer of Journals**

* Scientific Reports (Nature)
* Research on Chemical Intermediates (Springer)
* Emergent Materials (Springer)
* Advanced Composites and Hybrid Materials (Springer)
* Journal of Sol-Gel Science and Technology (Springer)
* Journal of Inorganic and Organometallic Polymers and Materials (Springer)
* Journal of Water Process Engineering (Elsevier)
* [Journal of Crystal Growth](https://www.sciencedirect.com/journal/journal-of-crystal-growth) (Elsevier)
* Inorganic Chemistry Communications (Elsevier)
* Materials Today Communications (Elsevier)
* Journal of Environmental Chemical Engineering (Elsevier)
* Journal of Molecular Structure (Elsevier)
* Micro and Nano Engineering (Elsevier)
* Ecotoxicology and Environmental Safety (Elsevier)
* Water Resources and Industry (Elsevier)
* Optik (Elsevier)
* Results in optics (Elsevier)
* Materials Science for Energy Technologies (Elsevier)
* Corrosion Reviews (De-Gruyter)
* Current Analytical Chemistry (Bentham Scientific Publishers)

**Courses Taught**

* Mathematical Methods of Physics [MS/MPhil]
* Experimental Techniques in Physics [MS/MPhil]
* Introduction to Materials Science [BS & MSc]
* Electronic Materials and Devices [MSc]
* Solid State Physics [MSc]
* Surface Physics [MSc]
* Classical Mechanics [MSc]
* Electromagnetic Theory [MSc]
* Electronics [MSc]
* Waves and Oscillations [BS]
* Electricity and Magnetism [BSc Engineering]
* Applied Physics [BSc Engineering]
* Engineering Physics [BSc Engineering]
* Basic Mechanics [BSc Engineering]
* Basic Electrical and Electronics Engineering [BSc Engineering]

**Dissertation Supervision**

* **MPhil Students Supervised**

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| **Sr. No** | **Student Name** | **Session** | **Degree** | **Institution** |
| 1. | Sana Islam | 2022-2024 | MS | GC Women University Sialkot |
| 2. | Summiyah Tasleem | 2022-2024 | MS | GC Women University Sialkot |
| 3. | Nimra Nasir | 2022-2024 | MS | GC Women University Sialkot |
| 4. | Hafiza Saba Iqbal | 2020-2022 | MPhil | University of Engineering and Technology, Lahore |
| 5. | Farwa Zafar(Co-Supervised) | 2017-2019 | MPhil | Riphah International University, Lahore Campus |
| 6. | Mubashra Akram(Co-Supervised) | 2017-2019 | MPhil | Riphah International University, Lahore Campus |
| 7. | Saqib Muhammad Boota | 2016-2018 |  | Riphah International University, Lahore Campus |
| 8. | Ameer Muavia | 2016-2018 | MPhil | Riphah International University, Lahore Campus |
| 9. | Muhammad Ashfaq | 2016-2018 | MPhil | Riphah International University, Lahore Campus |
| 10. | Hafiz Muhammad Yasir | 2016-2018 | MPhil | Riphah International University, Lahore Campus |
| 11. | Waseem Shahzad | 2016-2018 | MPhil | Riphah International University, Lahore Campus |

* **MS Students under Supervision**

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| **Sr. No** | **Student Name** | **Session** | **Degree** | **Institution** |
| 1. | Moshiba Shehzadi | 2023-2025 | MS | GC Women University Sialkot |
| 2. | Ayesha Khalid | 2023-2025 | MS | GC Women University Sialkot |
| 3. | Mehrosh Ansar | 2023-2025 | MS | GC Women University Sialkot |

* **PhD Students under Supervision**

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| **Sr. No** | **Student Name** | **Session** | **Degree** | **Institution** |
| 1. | Zaneb Shehzadi | 2023-2025 | PhD | GC Women University Sialkot |
| 2. | Saira | 2023-2025 | PhD | GC Women University Sialkot |

**Conferences**

* Delivered lecture as **Invited Speaker** in **“NANO-PAK 2023 2nd International Conference on Emerging Trends and Innovations in Nanotechnology”** held on June 17-18 2023 at Department of Physics, Riphah International University Lahore, Pakistan.
* Delivered lecture as **Invited Speaker** in **“NANO-PAK 2021 International E-Conference on Emerging Trends and Innovations in Nanotechnology”** held on April 09-11 2021 at Department of Physics, Riphah International University Lahore, Pakistan.
* Delivered lecture as **Invited Speaker** in the workshop **“Academic Writing and Research Methodology”** held onDecember 12-13, 2020 at Department of PhysicsRiphah International University, Lahore Campus.
* Delivered lecture as **Invited Speaker** in **“Materials Science and Nanotechnology”** (18-20 February 2019), held at Government College University Faisalabad.
* Delivered lecture as **Invited Speaker** in **“Recent Advances in Material Science and Photocatalysis”** (28-30 October 2018), held at The University of Lahore.
* **Organized** one day Workshop on **“Computational Material Science Code (Wein2k)”** (August 05, 2017),Riphah International University, Lahore Campus.
* Delivered lecture on **“Seminar on Photocatalysis”** (April 09, 2017),Riphah International University, Lahore Campus.
* Delivered lecture on **Frontier of Green Technology Training Workshop** (September 24-29, 2013), Centre of Excellence for Green Technology (CEGT), Chinese Academy of Sciences (CAS) Beijing, China.
* Participated as **Organizer** in 12th National Symposium on “**Frontiers in Physics”** (February 02-04, 2011) held in GC University, Lahore.

 **Selected Publications**

1. S. Islam, **Imran Aslam\***, T. Mahmood and M. H. Farooq, *Facile synthesis of WO3****.****H2O nanostructures for efficient photocatalytic and electrochemical properties,* ***Journal of Crystal Growth, 2024,*** 128017.
2. [H. M. Naeem Ullah](https://www.researchgate.net/scientific-contributions/Hafiz-Muhammad-Naeem-Ullah-2215924267?_sg%5B0%5D=Pxlhi8PHerSILFbnrmjIYjaddluyRCW4xP3Z1UH0EczPH00a3H_SbHbI1apceIoUOMlTlQA.XsqsIhpo4grHBT3crS9HQq4Nm1UCqiqx4GQUnO_liHAZG3Ohk4tWgiEqkQPagjkvGMblyTXgGSWF-YfgnY7nGA&_sg%5B1%5D=KjQf0OosX-RqfRDfrmxdiSh5vTSs-nZ26wCcezzgwl5oWxIqseChGUkw-ld-F14A7UWZAMU.H8yZbq88uIFhHSBmshSgHfNNzo70fDz5-FrBZ087df7Dhth9Ix_9kn2W1xE_te6UVjrull-5Snr1h5vAdG1BKQ), [M. Rizwan](https://www.researchgate.net/scientific-contributions/M-Rizwan-2231062308?_sg%5B0%5D=Pxlhi8PHerSILFbnrmjIYjaddluyRCW4xP3Z1UH0EczPH00a3H_SbHbI1apceIoUOMlTlQA.XsqsIhpo4grHBT3crS9HQq4Nm1UCqiqx4GQUnO_liHAZG3Ohk4tWgiEqkQPagjkvGMblyTXgGSWF-YfgnY7nGA&_sg%5B1%5D=KjQf0OosX-RqfRDfrmxdiSh5vTSs-nZ26wCcezzgwl5oWxIqseChGUkw-ld-F14A7UWZAMU.H8yZbq88uIFhHSBmshSgHfNNzo70fDz5-FrBZ087df7Dhth9Ix_9kn2W1xE_te6UVjrull-5Snr1h5vAdG1BKQ), [U. Zahid](https://www.researchgate.net/scientific-contributions/U-Zahid-2231050104?_sg%5B0%5D=Pxlhi8PHerSILFbnrmjIYjaddluyRCW4xP3Z1UH0EczPH00a3H_SbHbI1apceIoUOMlTlQA.XsqsIhpo4grHBT3crS9HQq4Nm1UCqiqx4GQUnO_liHAZG3Ohk4tWgiEqkQPagjkvGMblyTXgGSWF-YfgnY7nGA&_sg%5B1%5D=KjQf0OosX-RqfRDfrmxdiSh5vTSs-nZ26wCcezzgwl5oWxIqseChGUkw-ld-F14A7UWZAMU.H8yZbq88uIFhHSBmshSgHfNNzo70fDz5-FrBZ087df7Dhth9Ix_9kn2W1xE_te6UVjrull-5Snr1h5vAdG1BKQ), **Imran Aslam** and [Chuanbao Cao](https://www.researchgate.net/scientific-contributions/Chuanbao-Cao-2211756180?_sg%5B0%5D=Pxlhi8PHerSILFbnrmjIYjaddluyRCW4xP3Z1UH0EczPH00a3H_SbHbI1apceIoUOMlTlQA.XsqsIhpo4grHBT3crS9HQq4Nm1UCqiqx4GQUnO_liHAZG3Ohk4tWgiEqkQPagjkvGMblyTXgGSWF-YfgnY7nGA&_sg%5B1%5D=KjQf0OosX-RqfRDfrmxdiSh5vTSs-nZ26wCcezzgwl5oWxIqseChGUkw-ld-F14A7UWZAMU.H8yZbq88uIFhHSBmshSgHfNNzo70fDz5-FrBZ087df7Dhth9Ix_9kn2W1xE_te6UVjrull-5Snr1h5vAdG1BKQ)*, A Comprehensive DFT Study of Physical and Photocatalytic Properties of Sr1-xCdxTiO3,* [***Materials Today Communications***](https://www.researchgate.net/journal/Materials-Today-Communications-2352-4928)***, 2022,*** *33, 104495.*
3. U. Ghani, K. Hina, M. Iqbal, M. K. Irshad, **Imran Aslam,** R. Saeed and M. Ibrahim, *Kinetic and isotherms modeling of methyl orange and Chromium (VI) onto hexagonal ZnO microstructures as a membrane for environmental remediation of wastewater,* ***Chemosphere, 2022,* 309,** *136681.*
4. A. Hussain, N. Ali, S. S. Ali, J. Jou, **Imran Aslam,** H. Naeem, M. Boota, J. Yin and X. Wang, *Diverse morphological study for nonmetal-doped g-C3N4 composites with narrow bandgap for improved photocatalytic activity,* [***Research on Chemical Intermediates***](https://www.researchgate.net/journal/Research-on-Chemical-Intermediates-1568-5675?_sg=81YQWQaYxUL_QsLy1_kcBEbMx7Bq56vHeDisTAZCBFvD2nhqFdBHnEcyZQpPjFdZxHTn5MZqsoRRhsbQfVwVEuKoeoniPQ.U-wb5l0fCGadCjXEI5HcmXDGop5DMmXylU4Y5RaQZCzy0C-7g8Rah7S8tR6LrAaV7Z85P20ZAzrn9uj0q85asw)***, 2022,*  48**, 2857–2870.
5. U. Ghani, W. Jiang, K. Hina, A. Idrees, M. Iqbal, M. Ibrahim, R. Saeed, H. M. K. Irshad and **Imran Aslam,** *Adsorption of Methyl Orange and Cr (VI) Onto Poultry Manure-Derived Biochar From Aqueous Solution,* [***Frontiers in Environmental Science***](https://www.researchgate.net/journal/Frontiers-in-Environmental-Science-2296-665X)***, 2022,*** *10, 887425.*
6. Q. Mahmood, T. Zelai, G. Nazir, H. Albalwai, A. I. Aljameel, **Imran Aslam,** S. Bouzgarrou,A. Mera, H. H. Hegazzy and M. H. Alhossainy,[*First principles study of electronic, optical, and thermoelectric properties of K 2 Pd (Cl/Br) 6 for solar cells and renewable energy*](https://www.researchgate.net/publication/358109929_First_principles_study_of_electronic_optical_and_thermoelectric_properties_of_K_2_Pd_ClBr_6_for_solar_cells_and_renewable_energy?_sg%5B0%5D=JRBhC7mEvLH0G5YlMD6bhtoHO0iaoBnhTuKcpRoJ1V6AG0WC2tGp3fFebzZEaq-kNvYdwF9eyVfvT2iOVLmRQynFhTPTNhpf2ZpDGKG6.ol0-erABmmEp3e_pyN5wBKUVMKM7-3QrtZDJMmTnQx-cEbNVSJlhhz2_96bm2zhuwTH76BaT8JN0dy-vD331pg)*,* ***Physica Scripta, 2022,*** 97, 035803.
7. G. Nabi, [Qurat-Ul- Ain](https://www.tandfonline.com/author/Ain%2C%2BQurat-Ul-), [M. B. Tahir](https://www.tandfonline.com/author/Tahir%2C%2BM%2BBilal), [K. N. Riaz](https://www.tandfonline.com/author/Nadeem%2BRiaz%2C%2BKhalid), [T. Iqbal](https://www.tandfonline.com/author/Iqbal%2C%2BTahir), [M. Rafique](https://www.tandfonline.com/author/Rafique%2C%2BMuhammad), [S. Hussain](https://www.tandfonline.com/author/Hussain%2C%2BSajad), [W. Raza](https://www.tandfonline.com/author/Raza%2C%2BWaseem), [**Imran Aslam**](https://www.tandfonline.com/author/Aslam%2C%2BImran) and [Muhammad Rizwan](https://www.tandfonline.com/author/Rizwan%2C%2BMuhammad),[*Green synthesis of TiO2 nanoparticles using lemon peel extract: their optical and photocatalytic properties*](http://url310.tandfonline.com/wf/click?upn=u-2BGpmJjK6GMwjtTW1XoK4vgZn1TWMFEC9c1PSLVT5mdgsK-2F88oE2nd0tctqKk8JYbILEJiDJzgQwOZgBhhHqjbSEL5uBL3okdb31qkTGMUU-3D_EMoYK9jGvh2c3I8J5v2lHvNc7iVAhJewZ3pcKlERJr7u3wW-2BnlwR5kxgdZ5aoYm17b6CPGB2Bs09v1cLZlpDO9ka-2BB61cJJC6TnjrqZHZPVt37mxrlIbQCpJCz4OdqQ218SaohujC7ax3JJFxv9WUtg4VH9pC9qa0zSUNLXtcqt1HKWT4TurTkBNbaADVh6MTuCNDoi7XVpaPVehPZcOIW9-2FToO1r4MOnWFo-2F5f0lcqOia0PzPUQp-2BC2yqe8-2FVKjMZxONgwfDOg-2FDjuhm7QPP4WM2rkMLCZ2zQUrjw3N9cI-3D)*,*[***International Journal of Environmental Analytical Chemistry***](https://www.tandfonline.com/toc/geac20/current)***,******2022*** *102(2),434-442.*
8. **Imran Aslam\*,** M. Saqib, M. W. Iqbal, R. Boddula, T. Mahmood and Usman Ghani, *Synthesis of Non-Toxic Fe2(WO4)3 Photocatalyst with efficient Performance,* ***Current Analytical Chemistry,* 2021**, 17(5), 628-639.
9. M. W. Iqbal, E. Elahi, [A. Amin](https://www.sciencedirect.com/science/article/abs/pii/S0749603620312477#!), [S. Aftab](https://www.sciencedirect.com/science/article/abs/pii/S0749603620312477#!), [**ImranAslam**](https://www.sciencedirect.com/science/article/abs/pii/S0749603620312477#!)**,** [G. Hussain](https://www.sciencedirect.com/science/article/abs/pii/S0749603620312477#!), [M. A. Shehzad](https://www.sciencedirect.com/science/article/abs/pii/S0749603620312477#!) *,* [*A Facile Route to Enhance the Mobility of MoTe2 Field Effect Transistor via Chemical Doping*](https://www.researchgate.net/publication/344397042_A_Facile_Route_to_Enhance_the_Mobility_of_MoTe2_Field_Effect_Transistor_via_Chemical_Doping?_sg%5B0%5D=JRBhC7mEvLH0G5YlMD6bhtoHO0iaoBnhTuKcpRoJ1V6AG0WC2tGp3fFebzZEaq-kNvYdwF9eyVfvT2iOVLmRQynFhTPTNhpf2ZpDGKG6.ol0-erABmmEp3e_pyN5wBKUVMKM7-3QrtZDJMmTnQx-cEbNVSJlhhz2_96bm2zhuwTH76BaT8JN0dy-vD331pg)*,* ***Superlattices and Microstructures, 2020,*** 147, 106698.

1. [M. W. Iqbal](https://www.sciencedirect.com/science/article/abs/pii/S0925963520300042%22%20%5Cl%20%22%21), [K. Shahzad](https://www.sciencedirect.com/science/article/abs/pii/S0925963520300042#!), [H. Ateeq](https://www.sciencedirect.com/science/article/abs/pii/S0925963520300042#!), [**Imran Aslam**](https://www.sciencedirect.com/science/article/abs/pii/S0925963520300042#!)**,** [S. Aftab,](https://www.sciencedirect.com/science/article/abs/pii/S0925963520300042#!) [S. Azam](https://www.sciencedirect.com/science/article/abs/pii/S0925963520300042#!), [M.A. Kamran,](https://www.sciencedirect.com/science/article/abs/pii/S0925963520300042#!) [M. F. Khan](https://www.sciencedirect.com/science/article/abs/pii/S0925963520300042#!), [*An effectual enhancement to the electrical conductivity of graphene FET by silver nanoparticles*](https://www.researchgate.net/publication/340589876_An_effectual_enhancement_to_the_electrical_conductivity_of_graphene_FET_by_silver_nanoparticles?_sg%5B0%5D=JRBhC7mEvLH0G5YlMD6bhtoHO0iaoBnhTuKcpRoJ1V6AG0WC2tGp3fFebzZEaq-kNvYdwF9eyVfvT2iOVLmRQynFhTPTNhpf2ZpDGKG6.ol0-erABmmEp3e_pyN5wBKUVMKM7-3QrtZDJMmTnQx-cEbNVSJlhhz2_96bm2zhuwTH76BaT8JN0dy-vD331pg)*,* ***Diamond and Related Materials, 2020,*** [*106*](https://www.sciencedirect.com/journal/diamond-and-related-materials/vol/106/suppl/C)*, 107833.*
2. M. Rizwan, R. Bibi, T. Mahmood, **Imran Aslam,** S. A. Gilani, H. B. Jin, C.B. Cao, Z. Usman and A. Maqsood, *Band gap modulation on electronic and optical properties in PbTiO3 under stress: A DFT study,* ***Eur. Phys. J. Appl. Phys.,*****2019,** 88, 10501.
3. **Imran Aslam\***, M. Hassan Farooq, U. Ghani, M. Rizwan, G. Nabi, W. Shahzad, R. Boddula, *Synthesis of novel g-C3N4 microrods: A metal-free visible-light-driven photocatalyst,* ***Materials Science for Energy Technologies,* 2019**, 2, 401-407.
4. M. Hassan Farooq, **Imran Aslam\***, H. S. Anam, M. Tanveer, Z. Ali, Usman Ghani and R. Boddula, *Improved Photocatalytic Performance of Reduced Zinc Oxide (ZnO) novel morphology of Astray like Microstructure under solar light irradiation,* ***Materials Science for Energy Technologies,* 2019,** 2, 181-186.
5. M. Hassan Farooq, **Imran Aslam,** A. Shuaib, H. S. Anam, M. Rizwan and Q. Kanwal, *Band gap engineering for improved photocatalytic performance of CuS/TiO2 composites under solar light irradiation*, ***Bull. Chem. Soc. Ethiop.,* 2019**, 33(3), 561-571.
6. M. Hassan Farooq, **I. Aslam,** H. Sadia Anam, M. Tanveer and M. Rizwan, *Defect engineering for improved photocatalytic performance of reduced lead titnate (PbTiO3) under solar light irradiation,* ***Bull. Chem. Soc. Ethiop.*,** **2019**, 33(2), 373-380.
7. **Imran Aslam\*,** M. Hassan Farooq, M. W. Iqbal, Rajender Boddula, M. Abid, M. Ashfaq and Usman Ghani, *Synthesis of WO3.H2O spherical particles for efficient photocatalytic properties under visible light source,* ***Materials Science for Energy Technologies,* 2019,** 2, 187-193.
8. M. W. Iqbal, G. Hussain, M. A. Kamran, **Imran Aslam,** T. Alharbi, S. Azam, A. Majid and S. Razzaq, *Effect of E-beam irradiation on graphene sandwiched between h-BN layers,* ***Microelectronic Engineering, 2019,*** *216, 111044.*

1. [M. Rizwan](https://www.sciencedirect.com/science/article/pii/S0921452619300201%22%20%5Cl%20%22%21), [A. Shahid](https://www.sciencedirect.com/science/article/pii/S0921452619300201#!), [T. Mahmood](https://www.sciencedirect.com/science/article/pii/S0921452619300201#!), A.A. Zafar, [**Imran Aslam**](https://www.sciencedirect.com/science/article/pii/S0921452619300201#!), [N. Adnan](https://www.sciencedirect.com/science/article/pii/S0921452619300201#!), [H. B. Jin](https://www.sciencedirect.com/science/article/pii/S0921452619300201#!), [C. B. Cao](https://www.sciencedirect.com/science/article/pii/S0921452619300201#!), Effect of Magnesium on Structural and Optical Properties of CaTiO3: A DFT Study, [***Physica B: Condensed Matter***](https://www.sciencedirect.com/science/journal/09214526)**, 2019,** 568, 88-91.
2. A. Maavia, **Imran Aslam\***, M. Tanveer, M. Rizwan M. W. Iqbal, M. Tahir, H. Hussain, R. Boddula and M. Yousuf, *Facile synthesis of g-C3N4/CdWO4 with excellent photocatalytic performance for the degradation of Minocycline,* ***Materials Science for Energy Technologies,* 2019,** 2, 258-266.
3. M. Younis Ali Khan, Mehvish Zahoor, Ayesha Shaheen, Nuzhat Jamil, M. Imran Arshad,
Sadia Zafar Bajwa, Naveed Akhtar Shad, Rehman Butt, Israt Ali, M. Zubair Iqbal,
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