

Muhammad Fahad Ehsan

Assistant Professor

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About

Dr. Muhammad Fahad Ehsan is working as Assistant Professor in the School of Natural Sciences. Dr. Muhammad Fahad Ehsan has a PhD in . Dr. Muhammad Fahad Ehsan has published 12 research articles & conference papers having a citation count of 358, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD University of the Chinese Academy of Sciences , China	- 2015
MPhil BZU, Multan , Pakistan	- 2010
BSc BZU, Multan , Pakistan	- 2008

Experience

Assistant Professor School of Natural Sciences	2022- Present
Assistant Professor School of Natural Sciences	2018 - 2018
Assistant Professor School of Natural Sciences	2016 - 2018
Assistant Professor School of Natural Sciences	2015 - 2016

Research Articles

Facile Synthesis of ZnSe/Co3O4 Heterostructure Nanocomposites for the Photocatalytic Degradation of Congo Red Dye <i>Adeel Zia Abdul Basit Naveed Aftab Javaid Muhammad Fahad Ehsan Azhar Mahmood</i> <i>Catalysts</i> , Volume:12, Issue:10, Article Number:1184 Impact Factor: 4.501 Quartile: 2 Citations: 10 DOI: 10.3390/catal12101184	2022
Photomineralization of untreated wastewater by a novel LaCeZr2O7–SnSe nanocomposite as a visible light driven heterogeneous photocatalyst <i>Ruqiya Sehrish Gohar Muhammad Fahad Ehsan Nazia Karamat Muhammad Najam-UI-Haq Afzal Shah Jan Nisar Ashfaq Mahmood Qureshi Muhammad Naeem Ashiq</i> <i>Solid State Sciences</i> , Volume:106, Article Number: 106305 Impact Factor: 3.059 Quartile: 2 Citations: 7 DOI: 10.1016/j.solidstatesciences.2020.106305	2020
Zinc-telluride nanospheres as an efficient water oxidation electrocatalyst displaying a low overpotential for oxygen evolution <i>Maira Sadaqat Laraib Nisar Noor-UI-Ain Babar Fayyaz Hussain Muhammad Naeem Ashiq Afzal Shah Muhammad Fahad Ehsan Muhammad Najam-UI-Haq Khurram Saleem Joya</i> <i>Journal of Materials Chemistry A</i> , Volume 7, Issue 46, Pages 26410-26420 Impact Factor: 11.301 Quartile: 1 Citations: 112 DOI: DOI:10.1039/C9TA07171G	2019

- Nanoscale LaDySn2O7/SnSe Composite for Visible-light Driven Photoreduction of CO₂ to Methane and for Monoazo Dyes Photodegradation** 2019
Nazia Karamat Khurram Saleem Joya Muhammad Sharif Muhammad Sher Muhammad Naeem Ashiq Sana Ijaz Muhammad Fahad Ehsan Najam-ul-Haq
Chemistryselect, Volume: 4, Issue: 39, Pages: 11511-11517
Impact Factor: 1.811 | **Quartile:** 3 | **Citations:** 7
DOI: DOI: 10.1002/slct.201803909
- Study of electrical, dielectric and magnetic properties of Dy-Co bi-substituted strontium hexaferrite nanoparticles** 2019
Zafar Iqbal Majid Muneer Saima Farooq Zahoor Ahamd Muhammad Abdul Basit Muhammad Naeem Ashiq Ruqiya Sehrish Gohar Muhammad Najam-ul-Haq Muhammad Fahad Ehsan
Journal of Materials Science: Materials in Electronics, Volume 30, Issue 5, Pages 4658-4664
Impact Factor: 2.220 | **Quartile:** 2 | **Citations:** 16
DOI: DOI:10.1007/s10854-019-00759-6
- Synthesis, characterization and photocatalytic activity of LaNdZr2O7 supported SnSe nanocomposites for the degradation of Foron blue dye** 2019
Nazia Karamat Muhammad Fahad Ehsan Muhammad Naeem Ashiq Sana Ijaz Muhammad Najam-ul-Haq Saher Hamid Detlef W. Bahnemann
Applied Surface Science, Volume 463, Pages 1019-1027
Impact Factor: 6.182 | **Quartile:** 1 | **Citations:** 24
DOI: 10.1016/j.apsusc.2018.09.023
- Congo red photomineralization over Co3O4/CoTe common cation nanocomposites** 2018
Adeel Zia Saher Hamid Muhammad Fahad Ehsan Shafqat-ul-Allah Muhammad Naeem Ashiq Afzal Shah
Journal of Materials Science: Materials in Electronics, Volume 29, Issue 23, Pages 20271-20279
Impact Factor: 2.324 | **Quartile:** 2 | **Citations:** 9
DOI: <https://doi.org/10.1007/s10854-018-0160-4>
- One-pot facile synthesis of the ZnO/ZnSe heterostructures for efficient photocatalytic degradation of azo dye** 2018
Muhammad Fahad Ehsan Saba Bashir Saher Hamid Adeel Zia Yasir Abbas Khaula Umbreen Muhammad Naeem Ashiq Afzal Shah
Applied Surface Science, Volume 459, Pages 194-200
Impact Factor: 5.155 | **Quartile:** 1 | **Citations:** 69
DOI: <https://doi.org/10.1016/j.apsusc.2018.07.162>
- Magnetic and dielectric properties of Nd–Mn substituted Co2Y-hexaferrites** 2018
Bashir Ahmad Saleem Mumtaza Muhammad Fahad Ehsan Muhammad Najam-ul-Haq Afzal Shah Muhammad Naeem Ashiq
Journal of Magnetism and Magnetic Materials, Volume 460, Pages 171-176
Impact Factor: 2.683 | **Quartile:** 2 | **Citations:** 9
DOI: <https://doi.org/10.1016/j.jmmm.2018.04.002>
- Visible-light active tin selenide nanostructures: synthesis, characterization and photocatalytic activity** 2017
Muhammad Naeem Ashiq Samia Irshad Muhammad Fahad Ehsan Sidra Rehman Saima Farooq Muhammad Najam-ul-Haq Adeel Zia
New Journal of Chemistry, Volume: 41, Issue: 23, Pages 14689-14695
Impact Factor: 3.201 | **Quartile:** 2 | **Citations:** 49
DOI: DOI:10.1039/C7NJ04030J
- Visible-Light Photoreduction of CO₂ to CH₄ over ZnTe-Modified TiO₂ Coral-Like Nanostructures** 2017
Muhammad Fahad Ehsan Rabia Khan Tao He
ChemPhysChem, Volume:18, Issue:22, Special Issue: SI, Pages 3203-3210
Impact Factor: 2.947 | **Quartile:** 2 | **Citations:** 18
DOI: DOI:10.1002/cphc.201700404
- Flower-like CdS/CdV2O6 composite for visible-light photoconversion of CO₂ into CH₄** 2016
Sana Ijaz Muhammad Fahad Ehsan Muhammad Naeem Ashiq Nazia Karamat Tao He Muhammad Najam-ul-Haq
Materials & Design, Volume 107, Pages 178-186
Impact Factor: 4.364 | **Quartile:** 1 | **Citations:** 28
DOI: doi:10.1016/j.matdes.2016.06.031