

Iftikhar Hussain Gul

Professor

School of Chemical & Materials Engineering

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About

Dr. Iftikhar Hussain Gul is working as Professor in the School of Chemical & Materials Engineering. Dr. Iftikhar Hussain Gul has a PhD in Nanotechnology. Dr. Iftikhar Hussain Gul has published 115 research articles & conference papers having a citation count of 5109, carried out 5 projects and filed 0 intellectual property.

Qualifications

PhD in Nanotechnology Quaid-i-Azam University , Pakistan	2002 - 2008
MPhil in Material Science Quaid-i-Azam University , Pakistan	2000 - 2002
MSc in Electronic BZU, Multan , Pakistan	1997 - 1999
BSc in Math Phy BZU, Multan , Pakistan	1994 - 1997

Experience

Professor School of Chemical & Materials Engineering	2019- Present
Associate Professor School of Chemical & Materials Engineering	2014 - 2019
Associate Professor School of Chemical & Materials Engineering	2013 - 2014
Assistant Professor School of Chemical & Materials Engineering	2008 - 2013

Awards

Iftikhar Hussain Gul Best researcher award	2016
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Research Projects

National Projects

Acoustic Metamaterials for Noise Control	2021
Funding Agency: NESCOM	
Amount: PKR 150,000.00	
Status: Approved_inprocess	
Plasmons Effects in Nano-Structures of inorganic polycrystalline materials (ZnS, CdTe, CdS) by embedding different metallic nano particles (Ag, Au, Cu), for improving Photovoltaic Efficiency in Photovoltaic Industry	2015
Funding Agency: PSF	
Amount: PKR 1,998,000.00	
Status: Completed	
Synthesis and characterization of electromagnetic absorbing properties of M type hexa-nanoferrites composite with conducting materials	2017
Funding Agency: HEC	
Amount: PKR 9,830,000.00	
Status: Completed	
Synthesis and characterization of spinel ferrite nanoparticles	2009
Funding Agency: HEC	
Amount: PKR 7,555,000.00	
Status: Approved_inprocess	
Comparative study of Co-ferrite nanoparticles synthesized by co-preperation and sol.gel techniques	2009
Funding Agency: TWAS	
Amount: PKR 1,176,000.00	
Status: Completed	

International Projects

Research Articles

Cole-cole plot analysis of complex permittivity for investigating the dielectric relaxation process in polystyrene based high-k nanocomposite	2025
Tanveer ul Haq Zia Iftikhar Hussain Gul Imen Kebaili Norah Alomayrah Behisht Ara Kashif Gul	
Materials Chemistry and Physics , Volume:343, Article Number: 131048, Pages:16	
Impact Factor: 4.7 Quartile: 2 Citations: 1	
DOI: https://doi.org/10.1016/j.matchemphys.2025.131048	
Enhanced drug-loading potential through silver and strontium doping in iron oxide nanoparticles for drug delivery applications	2025
Syeda Sana Ali Naqvi Waheed Miran Iftikhar Hussain Gul Zakir Hussain Aneela Javed Usman Liaqat	
Journal of Materials Research , Volume:40, Issue:13, Page:2016-2025	
Impact Factor: 2.900 Quartile: 3	
DOI: https://doi.org/10.1557/s43578-025-01632-5	
Enhancement of electrochemical properties of NiAl-LDH@NiCoSe nanocomposite for asymmetric supercapacitor application	2025
Huda Fazal Iftikhar Hussain Gul Marghoob Ahmed Ghulam Ali Rajab Hussain	
Flatchem , Volume:52, Article Number: 100894, Pages:15	
Impact Factor: 6.2 Quartile: 1	
DOI: https://doi.org/10.1016/j.flatc.2025.100894	
Tunable properties of silver (Ag) substituted BaFe2O4 nanoparticles for photovoltaic (PV) applications	2025
Irum Shahid Khan Iftikhar Hussain Gul	
Discover Nano , Volume 20, Article Number: 80,	
Impact Factor: 4.5 Quartile: 2 Citations: 1	
DOI: https://doi.org/10.1186/s11671-025-04261-3	
Enhancement of dielectric, magnetic and microwave absorption properties of Co2+-Zr4+ substituted SrFe12O19 nanoparticles	2025
Altat Hussain Iftikhar Hussain Gul Muhammad Zarrar Khan	
Ceramics International , Volume 51, Issue 4, Pages 4768-4779	

Impact Factor: 5.100 | **Quartile:** 1 | **Citations:** 4
DOI: <https://doi.org/10.1016/j.ceramint.2024.11.451>

Exploring the Weathering and Accelerated Environmental Aging of Wave-Transparent Reinforced Composites <i>Imran Haider Muhammad Ali Khan Shahid Aziz Syed Hussain Imran Jaffery Muhammad Iftikhar Faraz Iftikhar Hussain Gul Dong-Won Jung Taoufik Saidani Walid M. Shewakh</i> <i>Polymers</i> , Volume 17(3), Article Number 357 Impact Factor: 4.700 Quartile: 1 DOI: 10.3390/polym17030357	2025
Unlocking the power of Zn-substituted barium ferrite (BaFe2O4) nanoparticles for unprecedented magnetic, dielectric, and optical enhancement for photovoltaic devices <i>Irum Shahid Khan iftikhar Hussain Gul</i> <i>Journal of Materials Science: Material in Electronics</i> , Volume 35, Issue 25, Article Number 1665 Impact Factor: 2.800 Quartile: 2 Citations: 2 DOI: https://doi.org/10.1007/s10854-024-13409-3	2024
Environmental aging of reinforced polymer composite radome: reliability and performance investigation <i>Imran Haider iftikhar Hussain Gul Shahid Aziz Muhammad Iftikhar Faraz Muhammad Ali Khan Syed Hussain Imran Jaffery Dong-Won Jung</i> <i>Frontiers in Materials</i> , Volume: 11, Pages: 13 Impact Factor: 2.6 Quartile: 3 Citations: 3 DOI: https://doi.org/10.3389/fmats.2024.1427541	2024
Biocompatible gelatin-coated ferrite nanoparticles: A magnetic approach to advanced drug delivery <i>Varda Shakeel iftikhar Hussain Gul Peter John Attya Bhatti</i> <i>Saudi Pharmaceutical Journal</i> , Volume 32, Issue 6, Article Number:102066 Impact Factor: 4.1 Quartile: 2 Citations: 7 DOI: 10.1016/j.jsps.2024.102066	2024
Influence of La3+-Co2+ substitution on X-band microwave absorption properties of Ba0.5Sr0.5Fe12O19 nanoparticles with insight into quarter wavelength phenomenon <i>Muhammad zarrar Khan Iftikhar Hussain Gul</i> <i>Journal of Physics and Chemistry of Solids</i> , Volume:187, Article Number: 111840 Impact Factor: 4 Quartile: 2 Citations: 8 DOI: 10.1016/j.jpcs.2023.111840	2024
Dielectric and thermal properties of composite radome material under accelerated aging: an experimental study <i>Imran Haider Iftikhar Hussain Gul Malik Adeel Umer Mutawara Mahmood Baig</i> <i>Journal of Materials Science: Material in Electronics</i> , Volume 35, article number 540, Impact Factor: 2.8 Quartile: 2 Citations: 2 DOI: 10.1007/s10854-024-12098-2	2024
Electromagnetic attenuation displayed by La-Co substituted Ba-Sr hexaferrite nanoparticles and multiwall carbon nanotubes in polyaniline and polythiophene matrix <i>Muhammad zarrar Khan iftikhar Hussain Gul</i> <i>Journal of Alloys and Compounds</i> , Volume:967, Article Number: 171674 Impact Factor: 6.2 Quartile: 1 Citations: 3 DOI: 10.1016/j.jallcom.2023.171674	2023
Synthesis and Characterization of Zr4+-Y3+ Substituted Ba-Sr Hexaferrite Nanoparticles for Microwave Absorption and Electromagnetic Shielding Applications <i>Muhammad Zarrar Khan Iftikhar Hussain Gul Farhan Javaid Ahmed Ali Saiqa Hafeez Mutawara Mahmood Baig</i> <i>Materials Research Bulletin</i> , Volume:168, Article Number: 112468 Impact Factor: 5.4 Quartile: 2 Citations: 19 DOI: 10.1016/j.materresbull.2023.112468	2023
A Low-Cost Silica Fiber/Epoxy Composite with Excellent Dielectric Properties, and Good Mechanical and Thermal Stabil <i>Imran Haider Iftikhar Hussain Gul Adeel Umer Malik Mutawara Mahmood Baig</i> <i>Materials</i> , Volume: 16, Issue: 23, Article Number: 7410 Impact Factor: 3.4 Quartile: 2 Citations: 7 DOI: 10.3390/ma16237410	2023

Investigation of Dielectric, Mechanical, and Thermal Properties of Epoxy Composites Embedded with Quartz Fibers <i>Imran Haider Iftikhar Hussain Gul Muhammad Iftikhar Faraz Shahid Aziz Syed Hussain Imran Jaffery Muhammad Ali Khan Dong-Won Jung</i> <i>Polymers</i> , Volume 15(20), Article Number 4133 Impact Factor: 5.0 Quartile: 1 Citations: 10 DOI: https://doi.org/10.3390/polym15204133	2023
Prediction of thermal diffusivity of volcanic rocks using machine learning and genetic algorithm hybrid strategy <i>Muhammad Nouman Aslam Khan Usman Ghafoor Abdullah Abdullah Zeeshan Ul Haq Hafeez Ullah Iftikhar Hussain Gul Asghari Maqsood</i> <i>International Journal of Thermal Sciences</i> , Volume 192, Part A, Article Number 108403 Impact Factor: 4.779 Quartile: 1 Citations: 6 DOI: https://doi.org/10.1016/j.ijthermalsci.2023.108403	2023
Influence of zinc substitution on the structural, dielectric, and gas sensing properties of Mg1-xZnxFe2O4 nanoparticles <i>Iqra Nazir Farhan Javaid Mutawara Mahmood Baig Muhammad Shoaib Butt Iftikhar Hussain Gul</i> <i>ACS Omega</i> , Volume 8, Issue 38, Pages 34760-34767 Impact Factor: 4.1 Quartile: 2 Citations: 3 DOI: 10.1021/acsomega.3c03781	2023
Encapsulation of Ba–Sr hexaferrite nanoparticles and MWCNTs in conductive polymer matrix for improved dielectric spectroscopy, electromagnetic shielding and microwave absorption applications <i>Muhammad Zarrar Khan Iftikhar Hussain Gul FAROOQ AHMAD TAHIR</i> <i>Ceramics International</i> , Volume:49, Issue:17, Page:27796-27814 Impact Factor: 5.2 Quartile: 1 Citations: 12 DOI: 10.1016/j.ceramint.2023.05.266	2023
Novel cytotoxicity study of strontium (Sr) doped iron oxide (Fe3O4) nanoparticles aided with ibuprofen for drug delivery applications <i>Imad Ud Din Irum Shahid Khan Iftikhar Hussain Gul Zakir Hussain Waheed Miran Farhan Javaid Usman Liaqat</i> <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , Pages 1-17 Impact Factor: 3.6 Quartile: 2 Citations: 7 DOI: https://doi.org/10.1007/s00210-023-02582-7	2023
Exploring Study of Magnetic and Electrical Properties of Ti3+ Doped Co0.5Ni0.5Fe2O4 Spinel Ferrites <i>Touseef Ahmad M. U. Islam Iftikhar Hussain Gul M. Ajmal Mutawara Mahmood Baig</i> <i>Journal of Materials and Physical Sciences</i> , Volume 4, Number 1, Pages 20-31 Impact Factor: N/A DOI: https://doi.org/10.52131/jmps.2023.0401.0033	2023
Nanostructured Fe-substituted NiCo2O4@NiMnCo-LDH ternary composite as an electrode material for high-performance supercapacitors <i>Ayla Sajid Javearia Tariq Faiq Ahmad Mutawara Mahmood Baig Iftikhar Hussain Gul Uzma Habib</i> <i>Journal of Materials Science</i> , Volume 58, Issue 11, Pages 4882-4900 Impact Factor: 4.682 Quartile: 2 Citations: 12 DOI: https://doi.org/10.1007/s10853-023-08336-3	2023
Silica-Fiber-Reinforced Composites for Microelectronic Applications: Effects of Curing Routes <i>Imran Haider Iftikhar Hussain Gul Malik Adeel Umer Mutawara Mahmood Baig</i> <i>Materials</i> , Volume 16, Issue 5, Article Number 1790 Impact Factor: 3.4 Quartile: 2 Citations: 8 DOI: 10.3390/ma16051790	2023
Facile synthesis of a multifunctional ternary SnO2/MWCNTs/PANI nanocomposite: Detailed analysis of dielectric, electrochemical, and water splitting applications <i>Muhammad Zarrar Khan Iftikhar Hussain Gul Mutawara Mahmood Baig Muhammad Aftab Akram</i> <i>Electrochimica Acta</i> , Volume:441, Impact Factor: 7.336 Quartile: 1 Citations: 30 DOI: 10.1016/j.electacta.2023.141816	2023
Synthesis and characterization of cobalt doped ferrites for biomedical applications <i>Muhammad Naeem Kiani Muhammad Shoaib Butt Iftikhar Hussain Gul Mohsin Saleem Muhammad Irfan Abrar H. Baluch Muhammad Aftab Akram Mohsin Ali Raza</i> <i>ACS Omega</i> , Pages 1-7	2023

- Impact Factor: 4.132 | Quartile: 2 | Citations: 41**
DOI: <http://doi.org/10.1021/acsomega.2c05226>
- Improved photocatalytic degradation efficiency of methylene blue via MgAl₂O₄–graphene nanocomposite** 2022
Ahmed Ali Iftikhar Hussain Gul Muhammad Zarrar Khan Farhan Javaid
Journal of Korean Ceramic Society, Pages 1-8
Impact Factor: 2.506 | Quartile: 2 | Citations: 4
DOI: <https://doi.org/10.1007/s43207-022-00263-4>
- Improved Electrical Properties of Strontium Hexaferrite Nanoparticles by Co²⁺ Substitutions** 2022
Mah Rukh Rehman Muhammad Aftab Akram Iftikhar Hussain Gul
ACS Omega, Volume 7, Issue 48, Pages 43432-43439
Impact Factor: 4.1 | Quartile: 2 | Citations: 19
DOI: [10.1021/acsomega.2c03256](https://doi.org/10.1021/acsomega.2c03256)
- Comparative investigation of magnetic, dielectric, optical, and electrical properties of mono-BaFe₂O₄ and hexa-BaFe₂O₁₉ nano-ferrites for photovoltaic (PV) applications** 2022
Irum Shahid Khan Iftikhar Hussain Gul
Applied Physics A: Materials Science and Processing, Volume:128, Issue:12,
Impact Factor: 2.9 | Quartile: 2 | Citations: 17
DOI: [10.1007/s00339-022-06214-4](https://doi.org/10.1007/s00339-022-06214-4)
- Increased dielectric properties of ZnFe₂O₄/rGO nanohybrid via thermo-chemical route** 2022
Hashim Naseer Sumair Ahmed Soomro Iftikhar Hussain Gul
Journal of the Australian Ceramic Society, Volume 58, Issue 4, Pages 1265-1274
Impact Factor: 1.741 | Quartile: 3 | Citations: 3
DOI: <https://doi.org/10.1007/s41779-022-00769-4>
- Polystyrene-Sepiolite Clay Nanocomposites with Enhanced Mechanical and Thermal Properties** 2022
Shafi Ur Rehman Sana Javaid Muhammad Shahid Iftikhar Hussain Gul Badar Rashid Caroline R. Szczepanski Muhammad Naveed Sabrina J. Curley
Polymers, Volume 14, Issue 17, Article Number 3576
Impact Factor: 4.967 | Quartile: 1 | Citations: 14
DOI: <https://doi.org/10.3390/polym14173576>
- Effects of Braid Angle and Material Modulus on the Negative Poisson's Ratio of Braided Auxetic Yarns** 2022
Arif Ali Shah Muhammad Shahid John J Hardy Naveed A Siddiqui Andrew R Kennedy Iftikhar Hussain Gul Shafi Ur Rehman Yasir Nawab
Crystals, Volume 12, Issue 6, Article Number 781
Impact Factor: 2.670 | Quartile: 2 | Citations: 4
DOI: <https://doi.org/10.3390/cryst12060781>
- Structure – properties relationships of graphene and spinel nickel ferrites based poly(vinylidene fluoride) hybrid polymer nanocomposites for improved dielectric and EMI shielding characteristics** 2022
Ibrar Ahmad Ahmad Nawaz Khan Rahim Jan Iftikhar Hussain Gul
Materials Research Bulletin, Volume 148, Article Number 111687
Impact Factor: 5.4 | Quartile: 2 | Citations: 27
DOI: [10.1016/j.materresbull.2021.111687](https://doi.org/10.1016/j.materresbull.2021.111687)
- Synthesis and Investigation of Electrical Properties of Strontium Metal-Doped Hexaferrite Nanoparticles** 2022
Hina Waris Usman Liaqat Iftikhar Hussain Gul Muhammad Irfan
Journal of Superconductivity and Novel Magnetism, Volume 35, Pages 235-241
Impact Factor: 1.8 | Quartile: 4
DOI: <https://doi.org/10.1007/s10948-021-06051-1>
- One-step sonochemical synthesis of NiMn-LDH for supercapacitors and overall water splitting** 2021
Mutawara Mahmood Baig Iftikhar Hussain Gul Rabia Ahmad, Sherjeel Mahmood Baig, Muhammad Zarrar Khan Naseem Iqbal
Journal of Materials Science, Volume 56, Pages 18636-18649
Impact Factor: 4.220 | Quartile: 2 | Citations: 58
DOI: <https://doi.org/10.1007/s10853-021-06431-x>
- Direct chemical synthesis of interlaced NiMn-LDH nanosheets on LSTN perovskite decorated Ni foam for high-performance supercapacitors** 2021
Mutawara Mahmood Baig Muhammad Taqi Mehran Ramsha Khan Khalid Mehmood Salman Raza Naqvi Asif Hussain Khoja Iftikhar Hussain Gul
Surface and Coatings Technology, Volume 421, Article Number 127455

Impact Factor: 4.865 Quartile: 1 DOI: https://doi.org/10.1016/j.surfcoat.2021.127455	
Transport properties in spinel ferrite/graphene oxide nanocomposites for electromagnetic shielding Mamoon Nawaz M.U. Islam M. Aamir Nazir Iram Bano Iftikhar Hussain Gul M. Ajmal <i>Ceramics International</i> , Volume 47, Issue 18, Pages 25505-25513 Impact Factor: 5.532 Quartile: 1 Citations: 37 DOI: https://doi.org/10.1016/j.ceramint.2021.05.274	2021
Hierarchical MnNiCo ternary metal oxide/graphene nanoplatelets composites as high rated electrode material for supercapacitors Sarah Malik Iftikhar Hussain Gul Mutawara Mahmood Baig <i>Ceramic International</i> , Volume 47, Issue 12, Pages 17008-17014 Impact Factor: 5.532 Quartile: 1 Citations: 53 DOI: https://doi.org/10.1016/j.ceramint.2021.02.272	2021
Transformation of wheat husk to 3D activated carbon/NiCo2S4 frameworks for high-rate asymmetrical supercapacitors Mutawara Mahmood Baig Iftikhar Hussain Gul <i>Journal of Energy Storage</i> , Volume 37, Article Number 102477 Impact Factor: 8.907 Quartile: 1 Citations: 47 DOI: https://doi.org/10.1016/j.est.2021.102477	2021
Investigation of Magnetic and Dielectric Properties of Cobalt Cubic Spinel Ferrite Nanoparticles Synthesized by CTAB-Assisted Co-precipitation Method Mobeen Haneef Iftikhar Hussain Gul Majid Hussain Ibrar Hassan <i>Journal of Superconductivity and Novel Magnetism</i> , Volume 34, Pages 1467–1476 Impact Factor: 1.675 Quartile: 4 Citations: 8 DOI: https://doi.org/10.1007/s10948-021-05869-z	2021
Binder-free pseudocapacitive nickel cobalt sulfide/MWCNTs hybrid electrode directly grown on nickel foam for high rate supercapacitors Muhammad Aftab Akram Muhammad Saleem Akhtar Iftikhar Hussain Gul Mutawara Mahmood Baig <i>Materials Science and Engineering: B</i> , Volume 264, Article Number 114898 Impact Factor: 3.407 Quartile: 2 Citations: 47 DOI: https://doi.org/10.1016/j.mseb.2020.114898	2021
Blast and Fragmentation Studies of a Scaled Down Artillery Shell-Simulation and Experimental Approaches Khurshid Ahmed Abdul Qadeer Malik Arshad Hussain Iram Raza Ahmad Iftikhar Hussain Gul <i>International Journal of Multiphysics</i> , Volume 15(1), Pages 49-71 Impact Factor: N/A DOI: 10.21152/1750-9548.15.1.49	2021
Conversion of wheat husk to high surface area activated carbon for energy storage in high-performance supercapacitors Mutawara Mahmood Baig Iftikhar Hussain Gul <i>Biomass and Bioenergy</i> , Volume 144, Article Number 105909 Impact Factor: 5.774 Quartile: 1 Citations: 104 DOI: https://doi.org/10.1016/j.biombioe.2020.105909	2021
Comprehensive study on structural, electrical, magnetic and photocatalytic degradation properties of Al³⁺ ions substituted nickel ferrites nanoparticles Muhammad Zarrar Khan Iftikhar Hussain Gul Mutawara Mahmood Baig Ahmad Nawaz Khan <i>Journal of Alloys and Compounds</i> , Volume 848, Article Number 155795 Impact Factor: 5.316 Quartile: 1 Citations: 62 DOI: https://doi.org/10.1016/j.jallcom.2020.155795	2020
ZIF-67 derived nitrogen doped CNTs decorated with sulfur and Ni(OH)₂ as potential electrode material for high-performance supercapacitors Naseem Iqbal Tayyaba Noor Mutawara Mahmood Baig Ghulam Ali Iftikhar Hussain Gul Rabia Ahmad <i>Electrochimica Acta</i> , Volume 364, Article Number 137147 Impact Factor: 6.901 Quartile: 2 Citations: 58 DOI: https://doi.org/10.1016/j.electacta.2020.137147	2020

- High-Performance Supercapacitor Electrode Obtained by Directly Bonding 2D Materials: Hierarchal MoS₂ on Reduced Graphene Oxide** 2020
Mutawara Mahmood Baig Erum Pervaiz Minghui Yang Iftikhar Hussain Gul
Frontiers in Materials, Volume 7, Article Number 580424
Impact Factor: 3.515 | **Quartile:** 2 | **Citations:** 49
DOI: 10.3389/fmats.2020.580424
- Improved Electrical Properties Displayed by Mg²⁺-Substituted Cobalt Ferrite Nano Particles, Prepared Via Co-precipitation Route** 2020
Muhammad Zarrar Khan Iftikhar Hussain Gul Asad Malik
Journal of Superconductivity and Novel Magnetism, Volume 33, Pages 3133-3144
Impact Factor: 1.506 | **Quartile:** 4 | **Citations:** 21
DOI: <https://doi.org/10.1007/s10948-020-05565-4>
- Effect of Cr³⁺ substitution on magnetic and electrical properties of (Ni_{0.3}Cu_{0.7}) Fe₂O₄ spinel ferrites** 2020
K. Bashir M.-ul-Islam M. Hussain M. Waqas Nafees A. Iftikhar Iftikhar Hussain Gul S. Naseem K. Mehmood
Revista Mexicana de Fisica, Volume 66 (5), Pages 573-579
Impact Factor: 1.297 | **Quartile:** 3 | **Citations:** 7
DOI: <https://doi.org/10.31349/RevMexFis.66.573>
- Structural, magnetic and dielectric characteristics of optically tuned Fe doped ZrO₂ nanoparticles with visible light driven photocatalytic activity** 2020
Waheed Ahmed Javed Iqbal Samson O. Aisida Amin Badshah Ishaq Ahmad Khalid Alamgir Waheed Ahmed Javed Iqbal Samson O. Aisida Amin Badshah Ishaq Ahmad Khalid Alamgir Iftikhar H. Gul
Materials Chemistry and Physics, Volume 251, Article Number 122999
Impact Factor: 4.094 | **Quartile:** 2 | **Citations:** 52
DOI: <https://doi.org/10.1016/j.matchemphys.2020.122999>
- Binder-free heterostructured MWCNTs/Al₂S₃ decorated on NiCo foam as highly reversible cathode material for high-performance supercapacitors** 2020
Iftikhar Hussain Gul Muhammad Zarrar Khan Mutawara Mahmood Baig Muhammad Taqi Mehran Muhammad Saleem Akhtar
Electrochimica Acta, Volume 340, Article Number 135955
Impact Factor: 6.901 | **Quartile:** 2 | **Citations:** 46
DOI: <https://doi.org/10.1016/j.electacta.2020.135955>
- Graphene-ferrites interaction for enhanced EMI shielding effectiveness of hybrid polymer composites** 2020
Sofia Javed Ibrar Ahmed Rahim Jan Ahmad Nawaz Khan Iftikhar Hussain Gul Ramsha Khan Muhammad Aftab Akram Ahmad Shafqat Hammad Mahmood Cheema Imtiaz Ahmad
Materials Research Express, Volume 7, Number 1, Article Number 016304
Impact Factor: 1.620 | **Quartile:** 4 | **Citations:** 34
DOI: 10.1088/2053-1591/ab62ed
- Analytical performance study of explosively formed projectiles** 2019
Iftikhar Hussain Gul A. Hameed Hetherington, J. G. Abdul Qadeer Malik Khairuddin Sanaullah
Journal of Applied Mechanics and Technical Physics, Volume 54, Issue 1, Pages 10-20
Impact Factor: 0.649 | **Quartile:** 4 | **Citations:** 19
DOI: 10.1134/S0021894413010021
- Electrochemical study of magnetic nanogel designed for controlled release of chlorhexidine gluconate** 2019
Munezza A. Khan Muhammad Mujahid Iftikhar Hussain Gul Arshad Hussain
Journal of Electrochimica Acta, Volume: 295, Pages: 113-123
Impact Factor: 6.215 | **Quartile:** 1 | **Citations:** 10
DOI: 10.1016/j.electacta.2018.10.098
- Effect of rare earth and transition metal La-Mn substitution on electrical properties of co-precipitated M-type Ba-ferrites nanoparticles** 2019
KHURRAM YAQOOB Muhammad Ayub Iftikhar Hussain Gul Khalid Nawaz
Journal of Rare Earths, Volume 37, Issue 2, Pages 193-197
Impact Factor: 3.104 | **Quartile:** 2 | **Citations:** 31
DOI: <https://doi.org/10.1016/j.jre.2018.08.005>
- Improved Performance of CuFe₂O₄/rGO Nanohybrid as an Anode Material for Lithium-ion Batteries Prepared Via Facile One-step Method** 2019
Sumair Ahmed Soomro Iftikhar Hussain Gul Hashim Naseer Shafiqullah Marwat Muhammad Mujahid
Current Nanoscience, Volume: 15 Issue: 4 Pages: 420-429

Impact Factor: 1.836 Quartile: 3 Citations: 96 DOI: 10.2174/1573413714666181115122016	
Synergistic effect of organic and inorganic nano fillers on the dielectric and mechanical properties of epoxy composites <i>Muhammad Khan Aqeel A. Khurram Tiehu Li Tingkai Zhao T. Subhani Iftikhar Hussain Gul Zafar Ali Vivek Patel</i> <i>Journal of Materials Science and Technology</i> , Volume: 34 Issue: 12 Pages: 2424-2430 Impact Factor: 5.040 Quartile: 1 Citations: 48 DOI: 10.1016/j.jmst.2018.06.014	2018
Glass Fiber Epoxy Matrix Composites Containing Zero and Two Dimensional Carbonaceous Nanoreinforcements <i>Aqeel A. Khurram Ajmal Khan Iftikhar Hussain Gul Tayyab Subhani</i> <i>Polymer Composites</i> , POLYMER COMPOSITES Volume: 39 Pages: E2056-E2063 Supplement: 4 Special Issue: SI, 28 May 2017 Impact Factor: 2.268 Quartile: 2 Citations: 10 DOI: 10.1002/pc.24447	2018
Investigating mechanical, dielectric, and electromagnetic interference shielding properties of polymer blends and three component hybrid composites based on polyvinyl alcohol, polyaniline, and few layer graphene <i>Munawar Khan Ahmad Nawaz Khan Abdul Saboor Iftikhar Hussain Gul</i> <i>Polymer Composites</i> , Polymer Composites, Volume: 39 Issue: 10 Pages: 3686-3695 Impact Factor: 2.268 Quartile: 2 Citations: 35 DOI: 10.1002/pc.24398	2018
Liquid crystal based optical platform for the detection of Pb²⁺ ions using NiFe₂O₄ nanoparticles <i>Saman Zehra Iftikhar Hussain Gul Zakir Hussain</i> <i>Results in Physics</i> , Results in Physics Volume: 9 Pages: 1462-1467 Impact Factor: 3.042 Quartile: 1 Citations: 8 DOI: 10.1016/j.rinp.2018.04.063	2018
Experimental and theoretical correlation of reinforcement trends in acrylonitrile butadiene styrene/single-walled carbon nanotubes hybrid composites <i>Ahmad Nawaz Khan Qaiser Waheed Rahim Jan KHURRAM YAQOOB Zulfiqar Ali Iftikhar Hussain Gul</i> <i>POLYMER COMPOSITES</i> , Volume: 39 Pages: E902-E908 Supplement: 2 Special Issue: SI Impact Factor: 2.268 Quartile: 2 Citations: 11 DOI: 10.1002/pc.24321	2018
Enhancement of Dielectric Constant of Graphene/Epoxy Composite by Inclusion of Nanodiamond Particles <i>A.A. KHURRAM IZHAR UL-HAQ AJMAL KHAN RIZWAN HUSSAIN Iftikhar Hussain Gul</i> <i>Journal of ELECTRONIC MATERIALS</i> ,, NULL Impact Factor: 1.676 Quartile: 3 Citations: 8 DOI: 10.1007/s11664-017-5865-2	2018
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