

Iftikhar Hussain Gul

List of Publications by Year in descending order

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36
papers

1,618
citations

331670

21
h-index

361022

35
g-index

37
all docs

37
docs citations

37
times ranked

1318
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical, electrical and dielectric properties of Ca-substituted strontium hexaferrite (SrFe ₁₂ O ₁₉) nanoparticles synthesized by co-precipitation method. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 1720-1726.	2.3	203
2	Structural, magnetic and dielectric properties of Zr ²⁺ /Cd substituted strontium hexaferrite (SrFe ₁₂ O ₁₉) nanoparticles. <i>Journal of Alloys and Compounds</i> , 2009, 487, 341-345.	5.5	169
3	Effect of Al ³⁺ /Cr doping on the structural, magnetic and dielectric properties of strontium hexaferrite nanomaterials. <i>Journal of Magnetism and Magnetic Materials</i> , 2011, 323, 259-263.	2.3	154
4	Structural, electrical and magnetic characterization of Ni ²⁺ /Mg spinel ferrites. <i>Journal of Alloys and Compounds</i> , 2009, 487, 739-743.	5.5	112
5	Improved electrical properties of cadmium substituted cobalt ferrites nano-particles for microwave application. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 405, 28-35.	2.3	87
6	Conversion of wheat husk to high surface area activated carbon for energy storage in high-performance supercapacitors. <i>Biomass and Bioenergy</i> , 2021, 144, 105909.	5.7	75
7	2D MXenes: Synthesis, properties, and electrochemical energy storage for supercapacitors – A review. <i>Journal of Electroanalytical Chemistry</i> , 2022, 904, 115920.	3.8	72
8	Synthesis, structural and electrical characterization of Sb ³⁺ substituted spinel nickel ferrite (NiSb _x Fe _{2-3x} O ₄) nanoparticles by reverse micelle technique. <i>Journal of Alloys and Compounds</i> , 2011, 509, 5119-5126.	5.5	62
9	Improved Performance of CuFe ₂ O ₄ /rGO Nanohybrid as an Anode Material for Lithium-ion Batteries Prepared Via Facile One-step Method. <i>Current Nanoscience</i> , 2019, 15, 420-429.	1.2	54
10	ZIF-67 derived nitrogen doped CNTs decorated with sulfur and Ni(OH) ₂ as potential electrode material for high-performance supercapacitors. <i>Electrochimica Acta</i> , 2020, 364, 137147.	5.2	48
11	Comprehensive study on structural, electrical, magnetic and photocatalytic degradation properties of Al ³⁺ ions substituted nickel ferrites nanoparticles. <i>Journal of Alloys and Compounds</i> , 2020, 848, 155795.	5.5	47
12	Binder-free heterostructured MWCNTs/Al ₂ S ₃ decorated on NiCo foam as highly reversible cathode material for high-performance supercapacitors. <i>Electrochimica Acta</i> , 2020, 340, 135955.	5.2	37
13	Hierarchical MnNiCo ternary metal oxide/graphene nanoplatelets composites as high rated electrode material for supercapacitors. <i>Ceramics International</i> , 2021, 47, 17008-17014.	4.8	36
14	One-step sonochemical synthesis of NiMn-LDH for supercapacitors and overall water splitting. <i>Journal of Materials Science</i> , 2021, 56, 18636-18649.	3.7	36
15	High-Performance Supercapacitor Electrode Obtained by Directly Bonding 2D Materials: Hierarchical MoS ₂ on Reduced Graphene Oxide. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	35
16	Binder-free pseudocapacitive nickel cobalt sulfide/MWCNTs hybrid electrode directly grown on nickel foam for high rate supercapacitors. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 264, 114898.	3.5	32
17	Semiconductor-to-metallic flipping in a ZnFe ₂ O ₄ – graphene based smart nano-system: Temperature/microwave magneto-dielectric spectroscopy. <i>Materials Characterization</i> , 2015, 99, 254-265.	4.4	30
18	Transformation of wheat husk to 3D activated carbon/NiCo ₂ S ₄ frameworks for high-rate asymmetrical supercapacitors. <i>Journal of Energy Storage</i> , 2021, 37, 102477.	8.1	29

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19	Ultra low permittivity/loss CoFe ₂ O ₄ and CoFe ₂ O ₄ @rGO nanohybrids by novel 1-hexanol assisted solvothermal process. <i>Journal of Alloys and Compounds</i> , 2015, 642, 78-82.	5.5	27
20	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>Polymer Composites</i> , 2018, 39, 3686-3695.	4.6	26
21	The complementary advanced characterization and electrochemical techniques for electrode materials for supercapacitors. <i>Journal of Energy Storage</i> , 2021, 44, 103370.	8.1	23
22	Enhancing dielectric and mechanical behaviors of hybrid polymer nanocomposites based on polystyrene, polyaniline and carbon nanotubes coated with polyaniline. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016, 34, 1500-1509.	3.8	22
23	Graphene-ferrites interaction for enhanced EMI shielding effectiveness of hybrid polymer composites. <i>Materials Research Express</i> , 2020, 7, 016304.	1.6	22
24	Ce-Substituted Co _{0.5} Ni _{0.5} Fe ₂ O ₄ : Structural, morphological, electrical, and dielectric properties. <i>Electronic Materials Letters</i> , 2015, 11, 100-108.	2.2	20
25	Synthesis, characterization and optical properties of in situ ZnFe ₂ O ₄ functionalized rGO nano hybrids through modified solvothermal approach. <i>Optical Materials</i> , 2015, 45, 69-75.	3.6	19
26	Massive dielectric properties enhancement of MWCNTs/CoFe ₂ O ₄ nanohybrid for super capacitor applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 424, 382-387.	2.3	19
27	Structure-property relationships of graphene and spinel nickel ferrites based poly(vinylidene fluoride)/graphene nanocomposites. <i>Materials Research Bulletin</i> , 2022, 148, 111687.	5.2	19
28	Prediction of thermal conductivity of granite rocks from porosity and density data at normal temperature and pressure: in situ thermal conductivity measurements. <i>Journal Physics D: Applied Physics</i> , 2004, 37, 3396-3401.	2.8	18
29	Dielectric properties evaluation of NiFe ₂ O ₄ /MWCNTs nanohybrid for microwave applications prepared via novel one step synthesis. <i>Ceramics International</i> , 2017, 43, 4090-4095.	4.8	18
30	Direct chemical synthesis of interlaced NiMn-LDH nanosheets on LSTN perovskite decorated Ni foam for high-performance supercapacitors. <i>Surface and Coatings Technology</i> , 2021, 421, 127455.	4.8	17
31	Chemical Composition, Density, Specific Gravity, Apparent Porosity, and Thermal Transport Properties of Volcanic Rocks in the Temperature Range 253 to 333 K. <i>Journal of Chemical & Engineering Data</i> , 2003, 48, 1310-1314.	1.9	16
32	Improved Electrical Properties Displayed by Mg ²⁺ -Substituted Cobalt Ferrite Nano Particles, Prepared Via Co-precipitation Route. <i>Journal of Superconductivity and Novel Magnetism</i> , 2020, 33, 3133-3144.	1.8	15
33	Thermal transport properties of granites in the temperature range 253-333 K. <i>Journal Physics D: Applied Physics</i> , 2004, 37, 1405-1409.	2.8	10
34	Experimental and theoretical correlation of reinforcement trends in acrylonitrile butadiene styrene/walled carbon nanotubes hybrid composites. <i>Polymer Composites</i> , 2018, 39, E902.	4.6	8
35	Infield superconducting properties of nano-sized Ag added Cu _{0.5} Tl _{0.5} Ba ₂ Ca ₂ Cu ₃ O ₁₀ . <i>Progress in Natural Science: Materials International</i> , 2017, 27, 487-490.	4.4	1
36	Increased dielectric properties of ZnFe ₂ O ₄ /rGO nanohybrid via thermo-chemical route. <i>Journal of the Australian Ceramic Society</i> , 0, , .	1.9	0