

Zafar Khan Ghouri

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,949
citations

279487

23
h-index

253896

43
g-index

56
all docs

56
docs citations

56
times ranked

2623
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of carbon quantum dots from cabbage with down- and up-conversion photoluminescence properties: excellent imaging agent for biomedical applications. <i>Green Chemistry</i> , 2015, 17, 3791-3797.	4.6	337
2	Carbon quantum dots anchored TiO ₂ nanofibers: Effective photocatalyst for waste water treatment. <i>Ceramics International</i> , 2015, 41, 11953-11959.	2.3	166
3	Ni&Mn nanoparticles-decorated carbon nanofibers as effective electrocatalyst for urea oxidation. <i>Applied Catalysis A: General</i> , 2016, 510, 180-188.	2.2	139
4	Amorphous SiO ₂ NP-Incorporated Poly(vinylidene fluoride) Electrospun Nanofiber Membrane for High Flux Forward Osmosis Desalination. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 4561-4574.	4.0	131
5	Nickel nanoparticles-decorated graphene as highly effective and stable electrocatalyst for urea electrooxidation. <i>Journal of Molecular Catalysis A</i> , 2016, 421, 83-91.	4.8	77
6	Co/CeO ₂ -decorated carbon nanofibers as effective non-precious electro-catalyst for fuel cells application in alkaline medium. <i>Ceramics International</i> , 2015, 41, 2271-2278.	2.3	64
7	Influence of copper content on the electrocatalytic activity toward methanol oxidation of Co _{1-x} Cu _x alloy nanoparticles-decorated CNFs. <i>Scientific Reports</i> , 2015, 5, 16695.	1.6	63
8	Effective photocatalytic efficacy of hydrothermally synthesized silver phosphate decorated titanium dioxide nanocomposite fibers. <i>Journal of Colloid and Interface Science</i> , 2016, 465, 225-232.	5.0	55
9	Graphene-Reinforced Bulk Metal Matrix Composites: Synthesis, Microstructure, and Properties. <i>Reviews on Advanced Materials Science</i> , 2020, 59, 67-114.	1.4	52
10	High-efficiency super capacitors based on hetero-structured Zn-MnO ₂ nanorods. <i>Journal of Alloys and Compounds</i> , 2015, 642, 210-215.	2.8	51
11	Characterization and antibacterial properties of aminophenol grafted and Ag NPs decorated graphene nanocomposites. <i>Ceramics International</i> , 2015, 41, 5656-5662.	2.3	50
12	Engineering of magnetically separable ZnFe ₂ O ₄ @ TiO ₂ nanofibers for dye-sensitized solar cells and removal of pollutant from water. <i>Journal of Alloys and Compounds</i> , 2017, 723, 477-483.	2.8	47
13	Electrocatalysts for Lithium-Air Batteries: Current Status and Challenges. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14288-14320.	3.2	42
14	Nano-engineered ZnO/CeO ₂ dots@CNFs for fuel cell application. <i>Arabian Journal of Chemistry</i> , 2016, 9, 219-228.	2.3	40
15	Synthesis and characterization of Co/SrCO ₃ nanorods-decorated carbon nanofibers as novel electrocatalyst for methanol oxidation in alkaline medium. <i>Ceramics International</i> , 2015, 41, 6575-6582.	2.3	39
16	Influence of bimetallic nanoparticles composition and synthesis temperature on the electrocatalytic activity of NiMn-incorporated carbon nanofibers toward urea oxidation. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 5561-5575.	3.8	39
17	Direct alcohol fuel cells: Assessment of the fuel's safety and health aspects. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 30658-30668.	3.8	39
18	Synthesis and characterization of Nitrogen-doped &CaCO ₃ -decorated reduced graphene oxide nanocomposite for electrochemical supercapacitors. <i>Electrochimica Acta</i> , 2015, 184, 193-202.	2.6	36

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19	Theoretical and experimental investigations of Co-Cu bimetallic alloys-incorporated carbon nanowires as an efficient bi-functional electrocatalyst for water splitting. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 96, 243-253.	2.9	36
20	Synthesis and Electrochemical Properties of MnO ₂ and Co-Decorated Graphene as Novel Nanocomposite for Electrochemical Super Capacitors Application. <i>Energy and Environment Focus</i> , 2015, 4, 34-39.	0.3	28
21	Photocatalytic degradation and antibacterial investigation of nano synthesized Ag ₃ VO ₄ particles @PAN nanofibers. <i>Carbon Letters</i> , 2016, 18, 30-36.	3.3	28
22	ZnO@C (core@shell) microspheres derived from spent coffee grounds as applicable non-precious electrode material for DMFCs. <i>Scientific Reports</i> , 2017, 7, 1738.	1.6	27
23	Applicable anode based on Co ₃ O ₄ @SrCO ₃ heterostructure nanorods-incorporated CNFs with low-onset potential for DUFCS. <i>Applied Nanoscience (Switzerland)</i> , 2017, 7, 625-631.	1.6	26
24	Enhancement of Thermoelectric Properties of Layered Chalcogenide Materials. <i>Reviews on Advanced Materials Science</i> , 2020, 59, 371-378.	1.4	26
25	The (2Å–Å2) tunnels structured manganese dioxide nanorods with 1± phase for lithium air batteries. <i>Superlattices and Microstructures</i> , 2016, 90, 184-190.	1.4	23
26	Early Transition-Metal-Based Binary Oxide/Nitride for Efficient Electrocatalytic Hydrogen Evolution from Saline Water in Different pH Environments. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 53702-53716.	4.0	22
27	Stable N-doped & FeNi-decorated graphene non-precious electrocatalyst for Oxygen Reduction Reaction in Acid Medium. <i>Scientific Reports</i> , 2018, 8, 3757.	1.6	19
28	Influence of Ag nanoparticles on state of the art MnO ₂ nanorods performance as an electrocatalyst for lithium air batteries. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 2930-2942.	3.8	19
29	Effective NiMn Nanoparticles-Functionalized Carbon Felt as an Effective Anode for Direct Urea Fuel Cells. <i>Nanomaterials</i> , 2018, 8, 338.	1.9	19
30	Facile synthesis of luminescent and amorphous La ₂ O ₃ @ZrO ₂ :Eu ³⁺ nanofibrous membranes with robust softness. <i>Nanoscale</i> , 2015, 7, 14248-14253.	2.8	16
31	Template-free synthesis of Se-nanorods-rGO nanocomposite for application in supercapacitors. <i>Nanotechnology Reviews</i> , 2019, 8, 661-670.	2.6	15
32	Surfactant/organic solvent free single-step engineering of hybrid graphene-Pt/TiO ₂ nanostructure: Efficient photocatalytic system for the treatment of wastewater coming from textile industries. <i>Scientific Reports</i> , 2018, 8, 14656.	1.6	14
33	Synthesis and characterization of photocatalytic and antibacterial PAN/Ag ₂ CO ₃ composite nanofibers by ion exchange method. <i>Fibers and Polymers</i> , 2015, 16, 1336-1342.	1.1	13
34	Application of FTIR and LA-ICPMS Spectroscopies as a Possible Approach for Biochemical Analyses of Different Rat Brain Regions. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2436.	1.3	13
35	Experimental study on synthesis of Co/CeO ₂ -doped carbon nanofibers and its performance in supercapacitors. <i>Carbon Letters</i> , 2015, 16, 270-274.	3.3	13
36	Solution Combustion Synthesis of Novel S,B-Codoped CoFe Oxyhydroxides for the Oxygen Evolution Reaction in Saline Water. <i>ACS Omega</i> , 2022, 7, 5521-5536.	1.6	13

