Zafar Khan Ghouri

List of Publications by Year in Descending Order

49 papers	1,382 citations	20 h-index	36 g-index
56 ext. papers	1,646 ext. citations	4.7 avg, IF	4.9 L-index

#	Paper	IF	Citations
49	Solution Combustion Synthesis of Novel S,B-Codoped CoFe Oxyhydroxides for the Oxygen Evolution Reaction in Saline Water.. *ACS Omega*, **2022**, 7, 5521-5536	3.9	2
48	Cooperative electrocatalytic effect of Pd and Ce alloys nanoparticles in PdCe@CNWs electrode for oxygen evolution reaction (OER). *Molecular Catalysis*, **2022**, 522, 112255	3.3	0
47	Early Transition-Metal-Based Binary Oxide/Nitride for Efficient Electrocatalytic Hydrogen Evolution from Saline Water in Different pH Environments. *ACS Applied Materials & Interfaces*, **2021**, 13, 53702-53716	9.5	3
46	Enhanced oxygen evolution reaction on polyethyleneimine functionalized graphene oxide in alkaline medium. *Molecular Catalysis*, **2021**, 516, 111960	3.3	1
45	Catalyst Deactivation by Carbon Deposition: The Remarkable Case of Nickel Confined by Atomic Layer Deposition. *ChemCatChem*, **2021**, 13, 2988-3000	5.2	2
44	Theoretical and experimental investigations of Co-Cu bimetallic alloys-incorporated carbon nanowires as an efficient bi-functional electrocatalyst for water splitting. *Journal of Industrial and Engineering Chemistry*, **2021**, 96, 243-253	6.3	13
43	Synthesis and experimental investigation of □MnO2/N-rGO nanocomposite for Li-O2 batteries applications. *Chemical Engineering Journal Advances*, **2021**, 7, 100115	3.6	1
42	Direct alcohol fuel cells: Assessment of the fuel□s safety and health aspects. *International Journal of Hydrogen Energy*, **2021**, 46, 30658-30668	6.7	13
41	Electrooxidation behavior of ethanol toward carbon microbead-encapsulated ZnO particles derived from coffee waste. *Journal of Materials Science: Materials in Electronics*, **2020**, 31, 6530-6537	2.1	4
40	Graphene-Reinforced Bulk Metal Matrix Composites: Synthesis, Microstructure, and Properties. *Reviews on Advanced Materials Science*, **2020**, 59, 67-114	4.8	28
39	Enhancement of Thermoelectric Properties of Layered Chalcogenide Materials. *Reviews on Advanced Materials Science*, **2020**, 59, 371-378	4.8	9
38	Electrocatalysts for Lithium□Air Batteries: Current Status and Challenges. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 14288-14320	8.3	22
37	Template-free synthesis of Se-nanorods-rGO nanocomposite for application in supercapacitors. *Nanotechnology Reviews*, **2019**, 8, 661-670	6.3	11
36	Stable N-doped & FeNi-decorated graphene non-precious electrocatalyst for Oxygen Reduction Reaction in Acid Medium. *Scientific Reports*, **2018**, 8, 3757	4.9	17
35	Influence of bimetallic nanoparticles composition and synthesis temperature on the electrocatalytic activity of NiMn-incorporated carbon nanofibers toward urea oxidation. *International Journal of Hydrogen Energy*, **2018**, 43, 5561-5575	6.7	31
34	Influence of Ag nanoparticles on state of the art MnO2 nanorods performance as an electrocatalyst for lithium air batteries. *International Journal of Hydrogen Energy*, **2018**, 43, 2930-2942	6.7	15
33	Effective NiMn Nanoparticles-Functionalized Carbon Felt as an Effective Anode for Direct Urea Fuel Cells. *Nanomaterials*, **2018**, 8,	5.4	14

32	Application of FTIR and LA-ICPMS Spectroscopies as a Possible Approach for Biochemical Analyses of Different Rat Brain Regions. *Applied Sciences (Switzerland)*, **2018**, 8, 2436	2.6	8
31	CePd-Nanoparticles-Incorporated Carbon Nanofibers as Efficient Counter Electrode for DSSCs. *ChemistrySelect*, **2018**, 3, 12314-12319	1.8	3
30	Leaching of Some Essential and Non-Essential Heavy Metals from Modern Glazed Ceramic Crockeries Imported into Qatar from China, India and Spain. *Journal of Analytical & Bioanalytical Techniques*, **2018**, 09,		1
29	Surfactant/organic solvent free single-step engineering of hybrid graphene-Pt/TiO nanostructure: Efficient photocatalytic system for the treatment of wastewater coming from textile industries. *Scientific Reports*, **2018**, 8, 14656	4.9	11
28	CoNi Nanoparticles/CNT Composite as Effective Anode for Direct Urea Fuel Cells. *International Journal of Electrochemical Science*, **2018**, 4693-4699	2.2	8
27	Validation of Total Mercury in Marine Sediment and Biological Samples, Using Cold Vapour Atomic Absorption Spectrometry. *Methods and Protocols*, **2018**, 1, 31	2.5	5
26	Applicable anode based on Co3O4SrCO3 heterostructure nanorods-incorporated CNFs with low-onset potential for DUFCs. *Applied Nanoscience (Switzerland)*, **2017**, 7, 625-631	3.3	23
25	ZnO@C (core@shell) microspheres derived from spent coffee grounds as applicable non-precious electrode material for DMFCs. *Scientific Reports*, **2017**, 7, 1738	4.9	21
24	Engineering of magnetically separable ZnFe2O4@ TiO2 nanofibers for dye-sensitized solar cells and removal of pollutant from water. *Journal of Alloys and Compounds*, **2017**, 723, 477-483	5.7	34
23	Critical Behavior of La0.8Ca0.2Mn1CoxO3 Perovskite (0.1 x 0.3). *Magnetochemistry*, **2017**, 3, 28	3.1	3
22	Nano-engineered ZnO/CeO2 dots@CNFs for fuel cell application. *Arabian Journal of Chemistry*, **2016**, 9, 219-228	5.9	30
21	Nano-designed CaCO3@rGO photo-catalyst for effective adsorption and simultaneous removal of organic pollutant. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 9593-9598	2.1	2
20	Supercapacitors based on ternary nanocomposite of TiO2&Pt@graphenes. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 3894-3900	2.1	8
19	Photoluminescent and transparent Nylon-6 nanofiber mat composited by CdSe@ZnS quantum dots and poly (methyl methacrylate). *Polymer*, **2016**, 85, 89-95	3.9	8
18	Effective photocatalytic efficacy of hydrothermally synthesized silver phosphate decorated titanium dioxide nanocomposite fibers. *Journal of Colloid and Interface Science*, **2016**, 465, 225-32	9.3	45
17	Ni&Mn nanoparticles-decorated carbon nanofibers as effective electrocatalyst for urea oxidation. *Applied Catalysis A: General*, **2016**, 510, 180-188	5.1	108
16	The (2 2) tunnels structured manganese dioxide nanorods with phase for lithium air batteries. *Superlattices and Microstructures*, **2016**, 90, 184-190	2.8	20
15	Amorphous SiO2 NP-Incorporated Poly(vinylidene fluoride) Electrospun Nanofiber Membrane for High Flux Forward Osmosis Desalination. *ACS Applied Materials & Interfaces*, **2016**, 8, 4561-74	9.5	108

14	Photocatalytic degradation and antibacterial investigation of nano synthesized Ag3VO4particles @PAN nanofibers. *Carbon Letters*, **2016**, 18, 30-36	2.3	17
13	Nickel nanoparticles-decorated graphene as highly effective and stable electrocatalyst for urea electrooxidation. *Journal of Molecular Catalysis A*, **2016**, 421, 83-91		55
12	Synthesis and characterization of photocatalytic and antibacterial PAN/Ag2CO3 composite nanofibers by ion exchange method. *Fibers and Polymers*, **2015**, 16, 1336-1342	2	9
11	Facile synthesis of luminescent and amorphous La□□ZrO□Eu□+ nanofibrous membranes with robust softness. *Nanoscale*, **2015**, 7, 14248-53	7.7	15
10	High-efficiency super capacitors based on hetero-structured □MnO2 nanorods. *Journal of Alloys and Compounds*, **2015**, 642, 210-215	5.7	43
9	Synthesis of carbon quantum dots from cabbage with down- and up-conversion photoluminescence properties: excellent imaging agent for biomedical applications. *Green Chemistry*, **2015**, 17, 3791-3797	10	233
8	Synthesis and Electrochemical Properties of MnO2 and Co-Decorated Graphene as Novel Nanocomposite for Electrochemical Super Capacitors Application. *Energy and Environment Focus*, **2015**, 4, 34-39		21
7	Synthesis and characterization of Nitrogen-doped &CaCO3-decorated reduced graphene oxide nanocomposite for electrochemical supercapacitors. *Electrochimica Acta*, **2015**, 184, 193-202	6.7	26
6	Co/CeO2-decorated carbon nanofibers as effective non-precious electro-catalyst for fuel cells application in alkaline medium. *Ceramics International*, **2015**, 41, 2271-2278	5.1	52
5	Influence of copper content on the electrocatalytic activity toward methanol oxidation of Co(□Cu(y) alloy nanoparticles-decorated CNFs. *Scientific Reports*, **2015**, 5, 16695	4.9	44
4	Carbon quantum dots anchored TiO2 nanofibers: Effective photocatalyst for waste water treatment. *Ceramics International*, **2015**, 41, 11953-11959	5.1	136
3	Characterization and antibacterial properties of aminophenol grafted and Ag NPs decorated graphene nanocomposites. *Ceramics International*, **2015**, 41, 5656-5662	5.1	50
2	Synthesis and characterization of Co/SrCO3 nanorods-decorated carbon nanofibers as novel electrocatalyst for methanol oxidation in alkaline medium. *Ceramics International*, **2015**, 41, 6575-6582	5.1	35
1	Experimental study on synthesis of Co/CeO2-doped carbon nanofibers and its performance in supercapacitors. *Carbon Letters*, **2015**, 16, 270-274	2.3	10