

# Zafar Khan Ghouri

## List of Publications by Citations

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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	Synthesis of carbon quantum dots from cabbage with down- and up-conversion photoluminescence properties: excellent imaging agent for biomedical applications. <i>Green Chemistry</i> , <b>2015</b> , 17, 3791-3797	10	233
48	Carbon quantum dots anchored TiO <sub>2</sub> nanofibers: Effective photocatalyst for waste water treatment. <i>Ceramics International</i> , <b>2015</b> , 41, 11953-11959	5.1	136
47	Ni&Mn nanoparticles-decorated carbon nanofibers as effective electrocatalyst for urea oxidation. <i>Applied Catalysis A: General</i> , <b>2016</b> , 510, 180-188	5.1	108
46	Amorphous SiO <sub>2</sub> NP-Incorporated Poly(vinylidene fluoride) Electrospun Nanofiber Membrane for High Flux Forward Osmosis Desalination. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 4561-74	9.5	108
45	Nickel nanoparticles-decorated graphene as highly effective and stable electrocatalyst for urea electrooxidation. <i>Journal of Molecular Catalysis A</i> , <b>2016</b> , 421, 83-91		55
44	Co/CeO <sub>2</sub> -decorated carbon nanofibers as effective non-precious electro-catalyst for fuel cells application in alkaline medium. <i>Ceramics International</i> , <b>2015</b> , 41, 2271-2278	5.1	52
43	Characterization and antibacterial properties of aminophenol grafted and Ag NPs decorated graphene nanocomposites. <i>Ceramics International</i> , <b>2015</b> , 41, 5656-5662	5.1	50
42	Effective photocatalytic efficacy of hydrothermally synthesized silver phosphate decorated titanium dioxide nanocomposite fibers. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 465, 225-32	9.3	45
41	Influence of copper content on the electrocatalytic activity toward methanol oxidation of Co/Cu alloy nanoparticles-decorated CNFs. <i>Scientific Reports</i> , <b>2015</b> , 5, 16695	4.9	44
40	High-efficiency super capacitors based on hetero-structured MnO <sub>2</sub> nanorods. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 642, 210-215	5.7	43
39	Synthesis and characterization of Co/SrCO <sub>3</sub> nanorods-decorated carbon nanofibers as novel electrocatalyst for methanol oxidation in alkaline medium. <i>Ceramics International</i> , <b>2015</b> , 41, 6575-6582	5.1	35
38	Engineering of magnetically separable ZnFe <sub>2</sub> O <sub>4</sub> @ TiO <sub>2</sub> nanofibers for dye-sensitized solar cells and removal of pollutant from water. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 723, 477-483	5.7	34
37	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> , <b>2018</b> , 43, 5561-5575	6.7	31
36	Nano-engineered ZnO/CeO <sub>2</sub> dots@CNFs for fuel cell application. <i>Arabian Journal of Chemistry</i> , <b>2016</b> , 9, 219-228	5.9	30
35	Graphene-Reinforced Bulk Metal Matrix Composites: Synthesis, Microstructure, and Properties. <i>Reviews on Advanced Materials Science</i> , <b>2020</b> , 59, 67-114	4.8	28
34	Synthesis and characterization of Nitrogen-doped & CaCO <sub>3</sub> -decorated reduced graphene oxide nanocomposite for electrochemical supercapacitors. <i>Electrochimica Acta</i> , <b>2015</b> , 184, 193-202	6.7	26
33	Applicable anode based on Co <sub>3</sub> O <sub>4</sub> /SrCO <sub>3</sub> heterostructure nanorods-incorporated CNFs with low-onset potential for DUFCS. <i>Applied Nanoscience (Switzerland)</i> , <b>2017</b> , 7, 625-631	3.3	23

32	Electrocatalysts for Lithium-Air Batteries: Current Status and Challenges. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 14288-14320	8.3	22
31	Synthesis and Electrochemical Properties of MnO <sub>2</sub> and Co-Decorated Graphene as Novel Nanocomposite for Electrochemical Super Capacitors Application. <i>Energy and Environment Focus</i> , <b>2015</b> , 4, 34-39		21
30	ZnO@C (core@shell) microspheres derived from spent coffee grounds as applicable non-precious electrode material for DMFCs. <i>Scientific Reports</i> , <b>2017</b> , 7, 1738	4.9	21
29	The (202) tunnels structured manganese dioxide nanorods with $\beta$ phase for lithium air batteries. <i>Superlattices and Microstructures</i> , <b>2016</b> , 90, 184-190	2.8	20
28	Stable N-doped & FeNi-decorated graphene non-precious electrocatalyst for Oxygen Reduction Reaction in Acid Medium. <i>Scientific Reports</i> , <b>2018</b> , 8, 3757	4.9	17
27	Photocatalytic degradation and antibacterial investigation of nano synthesized Ag <sub>3</sub> VO <sub>4</sub> particles @PAN nanofibers. <i>Carbon Letters</i> , <b>2016</b> , 18, 30-36	2.3	17
26	Facile synthesis of luminescent and amorphous La <sub>0.5</sub> Zr <sub>0.5</sub> Eu <sup>3+</sup> nanofibrous membranes with robust softness. <i>Nanoscale</i> , <b>2015</b> , 7, 14248-53	7.7	15
25	Influence of Ag nanoparticles on state of the art MnO <sub>2</sub> nanorods performance as an electrocatalyst for lithium air batteries. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 2930-2942	6.7	15
24	Effective NiMn Nanoparticles-Functionalized Carbon Felt as an Effective Anode for Direct Urea Fuel Cells. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	14
23	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> , <b>2021</b> , 96, 243-253	6.3	13
22	Direct alcohol fuel cells: Assessment of the fuel's safety and health aspects. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 30658-30668	6.7	13
21	Template-free synthesis of Se-nanorods-rGO nanocomposite for application in supercapacitors. <i>Nanotechnology Reviews</i> , <b>2019</b> , 8, 661-670	6.3	11
20	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. <i>Scientific Reports</i> , <b>2018</b> , 8, 14656	4.9	11
19	Experimental study on synthesis of Co/CeO <sub>2</sub> -doped carbon nanofibers and its performance in supercapacitors. <i>Carbon Letters</i> , <b>2015</b> , 16, 270-274	2.3	10
18	Synthesis and characterization of photocatalytic and antibacterial PAN/Ag <sub>2</sub> CO <sub>3</sub> composite nanofibers by ion exchange method. <i>Fibers and Polymers</i> , <b>2015</b> , 16, 1336-1342	2	9
17	Enhancement of Thermoelectric Properties of Layered Chalcogenide Materials. <i>Reviews on Advanced Materials Science</i> , <b>2020</b> , 59, 371-378	4.8	9
16	Supercapacitors based on ternary nanocomposite of TiO <sub>2</sub> &Pt@graphenes. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 3894-3900	2.1	8
15	Photoluminescent and transparent Nylon-6 nanofiber mat composited by CdSe@ZnS quantum dots and poly (methyl methacrylate). <i>Polymer</i> , <b>2016</b> , 85, 89-95	3.9	8

14	Application of FTIR and LA-ICPMS Spectroscopies as a Possible Approach for Biochemical Analyses of Different Rat Brain Regions. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 2436	2.6	8
13	CoNi Nanoparticles/CNT Composite as Effective Anode for Direct Urea Fuel Cells. <i>International Journal of Electrochemical Science</i> , <b>2018</b> , 4693-4699	2.2	8
12	Validation of Total Mercury in Marine Sediment and Biological Samples, Using Cold Vapour Atomic Absorption Spectrometry. <i>Methods and Protocols</i> , <b>2018</b> , 1, 31	2.5	5
11	Electrooxidation behavior of ethanol toward carbon microbead-encapsulated ZnO particles derived from coffee waste. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 6530-6537	2.1	4
10	Critical Behavior of La <sub>0.8</sub> Ca <sub>0.2</sub> Mn <sub>1-x</sub> CoxO <sub>3</sub> Perovskite (0.1 ≤ x ≤ 0.3). <i>Magnetochemistry</i> , <b>2017</b> , 3, 28	3.1	3
9	Early Transition-Metal-Based Binary Oxide/Nitride for Efficient Electrocatalytic Hydrogen Evolution from Saline Water in Different pH Environments. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 53702-53716	2.5	3
8	CePd-Nanoparticles-Incorporated Carbon Nanofibers as Efficient Counter Electrode for DSSCs. <i>ChemistrySelect</i> , <b>2018</b> , 3, 12314-12319	1.8	3
7	Nano-designed CaCO <sub>3</sub> @rGO photo-catalyst for effective adsorption and simultaneous removal of organic pollutant. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 9593-9598	2.1	2
6	Solution Combustion Synthesis of Novel S,B-Codoped CoFe Oxyhydroxides for the Oxygen Evolution Reaction in Saline Water.. <i>ACS Omega</i> , <b>2022</b> , 7, 5521-5536	3.9	2
5	Catalyst Deactivation by Carbon Deposition: The Remarkable Case of Nickel Confined by Atomic Layer Deposition. <i>ChemCatChem</i> , <b>2021</b> , 13, 2988-3000	5.2	2
4	Enhanced oxygen evolution reaction on polyethyleneimine functionalized graphene oxide in alkaline medium. <i>Molecular Catalysis</i> , <b>2021</b> , 516, 111960	3.3	1
3	Leaching of Some Essential and Non-Essential Heavy Metals from Modern Glazed Ceramic Crockeries Imported into Qatar from China, India and Spain. <i>Journal of Analytical &amp; Bioanalytical Techniques</i> , <b>2018</b> , 09,		1
2	Synthesis and experimental investigation of MnO <sub>2</sub> /N-rGO nanocomposite for Li-O <sub>2</sub> batteries applications. <i>Chemical Engineering Journal Advances</i> , <b>2021</b> , 7, 100115	3.6	1
1	Cooperative electrocatalytic effect of Pd and Ce alloys nanoparticles in PdCe@CNWs electrode for oxygen evolution reaction (OER). <i>Molecular Catalysis</i> , <b>2022</b> , 522, 112255	3.3	0