

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6195461/inayat-ali-khan-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26 papers	622 citations	11 h-index	24 g-index
28 ext. papers	727 ext. citations	5.5 avg, IF	4.32 L-index

#	Paper	IF	Citations
26	Electrocatalysts Derived from Metal-Organic Frameworks for Oxygen Reduction and Evolution Reactions in Aqueous Media. <i>Small</i> , <b>2017</b> , 13, 1701143	11	125
25	Highly Porous Carbon Derived from MOF-5 as a Support of ORR Electrocatalysts for Fuel Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 17268-75	9.5	105
24	A copper based metal-organic framework as single source for the synthesis of electrode materials for high-performance supercapacitors and glucose sensing applications. <i>International Journal of Hydrogen Energy</i> , <b>2014</b> , 39, 19609-19620	6.7	73
23	Soft-template carbonization approach of MOF-5 to mesoporous carbon nanospheres as excellent electrode materials for supercapacitor. <i>Microporous and Mesoporous Materials</i> , <b>2017</b> , 253, 169-176	5.3	52
22	A novel Cr <sub>2</sub> O <sub>3</sub> -carbon composite as a high performance pseudo-capacitor electrode material. <i>Electrochimica Acta</i> , <b>2015</b> , 171, 142-149	6.7	47
21	Fabrication of Highly Stable and Efficient PtCu Alloy Nanoparticles on Highly Porous Carbon for Direct Methanol Fuel Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 20793-801	9.5	42
20	Porous carbon as electrode material in direct ethanol fuel cells (DEFCs) synthesized by the direct carbonization of MOF-5. <i>Journal of Solid State Electrochemistry</i> , <b>2014</b> , 18, 1545-1555	2.6	33
19	Synthesis, Chemical Characterisation, and DNA Binding Studies of Ferrocene-Incorporated Selenoureas. <i>Australian Journal of Chemistry</i> , <b>2013</b> , 66, 626	1.2	27
18	Fe/Fe C/N-Doped Carbon Materials from Metal-Organic Framework Composites as Highly Efficient Oxygen Reduction Reaction Electrocatalysts. <i>ChemPlusChem</i> , <b>2016</b> , 81, 718-723	2.8	21
17	Supercapacitive behavior of microporous carbon derived from zinc based metal-organic framework and furfuryl alcohol. <i>International Journal of Hydrogen Energy</i> , <b>2015</b> , 40, 13344-13356	6.7	12
16	Shape-control synthesis of PdCu nanoparticles with excellent catalytic activities for direct alcohol fuel cells application. <i>Electrochimica Acta</i> , <b>2020</b> , 349, 136381	6.7	12
15	Single step pyrolytic conversion of zeolitic imidazolate to CoO encapsulated N-doped carbon nanotubes as an efficient oxygen reduction electrocatalyst. <i>Catalysis Communications</i> , <b>2017</b> , 99, 10-14	3.2	11
14	Cr <sub>2</sub> O <sub>3</sub> /carbon composite as a new support material for efficient methanol electrooxidation. <i>Materials Research Bulletin</i> , <b>2016</b> , 77, 221-227	5.1	9
13	Fluorine-Free Ionic Liquid-Based Electrolyte for Supercapacitors Operating at Elevated Temperatures. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 10212-10221	8.3	8
12	Mononuclear copper(II) complexes with triphenylphosphine and N,N'-disubstituted thioureas: synthesis, characterization, and biological evaluation. <i>Journal of Coordination Chemistry</i> , <b>2018</b> , 71, 4086-4108	1.6	8
11	Stable and Efficient PtRu Electrocatalysts Supported on Zn-BTC MOF Derived Microporous Carbon for Formic Acid Fuel Cells Application. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 367	5	7
10	Acid base co-crystal converted into porous carbon material for energy storage devices. <i>RSC Advances</i> , <b>2015</b> , 5, 9110-9115	3.7	5

9	Comparing the Thermal and Electrochemical Stabilities of Two Structurally Similar Ionic Liquids. <i>Molecules</i> , <b>2020</b> , 25,	4.8	5
8	Structural and Ion Dynamics in Fluorine-Free Oligoether Carboxylate Ionic Liquid-Based Electrolytes. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 9690-9700	3.4	5
7	Effect of Aromaticity in Anion on the Cation-Anion Interactions and Ionic Mobility in Fluorine-Free Ionic Liquids. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 11962-11973	3.4	4
6	ZIF-12/Fe-Cu LDH Composite as a High Performance Electrocatalyst for Water Oxidation. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 686968	5	4
5	Ion Transport and Electrochemical Properties of Fluorine-Free Lithium-Ion Battery Electrolytes Derived from Biomass. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 7769-7780	8.3	4
4	Effect of structural variation in biomass-derived nonfluorinated ionic liquids electrolytes on the performance of supercapacitors. <i>Journal of Energy Chemistry</i> , <b>2022</b> , 69, 174-184	12	1
3	Zinc-Coordination Polymer-Derived Porous Carbon-Supported Stable PtM Electrocatalysts for Methanol Oxidation Reaction. <i>ACS Omega</i> , <b>2021</b> , 6, 6780-6790	3.9	1
2	Translational and Reorientational Dynamics of Ionic Liquid-Based Fluorine-Free Lithium-Ion Battery Electrolytes. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 117001	6	1
1	Mononuclear copper(I) complexes of triphenylphosphine and N,N'-disubstituted thioureas as potential DNA binding chemotherapeutics. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 8925-8935	3.6	0