

Inayat Ali Khan

List of Publications by Year in Descending Order

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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	Effect of structural variation in biomass-derived nonfluorinated ionic liquids electrolytes on the performance of supercapacitors. <i>Journal of Energy Chemistry</i> , 2022 , 69, 174-184	12	1
25	Zinc-Coordination Polymer-Derived Porous Carbon-Supported Stable PtM Electrocatalysts for Methanol Oxidation Reaction. <i>ACS Omega</i> , 2021 , 6, 6780-6790	3.9	1
24	ZIF-12/Fe-Cu LDH Composite as a High Performance Electrocatalyst for Water Oxidation. <i>Frontiers in Chemistry</i> , 2021 , 9, 686968	5	4
23	Ion Transport and Electrochemical Properties of Fluorine-Free Lithium-Ion Battery Electrolytes Derived from Biomass. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 7769-7780	8.3	4
22	Mononuclear copper(I) complexes of triphenylphosphine and N,N?-disubstituted thioureas as potential DNA binding chemotherapeutics. <i>New Journal of Chemistry</i> , 2021 , 45, 8925-8935	3.6	0
21	Translational and Reorientational Dynamics of Ionic Liquid-Based Fluorine-Free Lithium-Ion Battery Electrolytes. <i>Journal of Molecular Liquids</i> , 2021 , 117001	6	1
20	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> , 2020 , 124, 11962-11973	3.4	4
19	Shape-control synthesis of PdCu nanoparticles with excellent catalytic activities for direct alcohol fuel cells application. <i>Electrochimica Acta</i> , 2020 , 349, 136381	6.7	12
18	Fluorine-Free Ionic Liquid-Based Electrolyte for Supercapacitors Operating at Elevated Temperatures. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 10212-10221	8.3	8
17	Stable and Efficient PtRu Electrocatalysts Supported on Zn-BTC MOF Derived Microporous Carbon for Formic Acid Fuel Cells Application. <i>Frontiers in Chemistry</i> , 2020 , 8, 367	5	7
16	Comparing the Thermal and Electrochemical Stabilities of Two Structurally Similar Ionic Liquids. <i>Molecules</i> , 2020 , 25,	4.8	5
15	Structural and Ion Dynamics in Fluorine-Free Oligoether Carboxylate Ionic Liquid-Based Electrolytes. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 9690-9700	3.4	5
14	Mononuclear copper(I) complexes with triphenylphosphine and N,N?-disubstituted thioureas: synthesis, characterization, and biological evaluation. <i>Journal of Coordination Chemistry</i> , 2018 , 71, 4086-4108	1.6	8
13	Single step pyrolytic conversion of zeolitic imidazolate to CoO encapsulated N-doped carbon nanotubes as an efficient oxygen reduction electrocatalyst. <i>Catalysis Communications</i> , 2017 , 99, 10-14	3.2	11
12	Electrocatalysts Derived from Metal-Organic Frameworks for Oxygen Reduction and Evolution Reactions in Aqueous Media. <i>Small</i> , 2017 , 13, 1701143	11	125
11	Soft-template carbonization approach of MOF-5 to mesoporous carbon nanospheres as excellent electrode materials for supercapacitor. <i>Microporous and Mesoporous Materials</i> , 2017 , 253, 169-176	5.3	52
10	Highly Porous Carbon Derived from MOF-5 as a Support of ORR Electrocatalysts for Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 17268-75	9.5	105

9	Cr ₂ O ₃ /carbon composite as a new support material for efficient methanol electrooxidation. <i>Materials Research Bulletin</i> , 2016 , 77, 221-227	5.1	9
8	Fe/Fe C/N-Doped Carbon Materials from Metal-Organic Framework Composites as Highly Efficient Oxygen Reduction Reaction Electrocatalysts. <i>ChemPlusChem</i> , 2016 , 81, 718-723	2.8	21
7	Fabrication of Highly Stable and Efficient PtCu Alloy Nanoparticles on Highly Porous Carbon for Direct Methanol Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 20793-801	9.5	42
6	A novel Cr ₂ O ₃ -carbon composite as a high performance pseudo-capacitor electrode material. <i>Electrochimica Acta</i> , 2015 , 171, 142-149	6.7	47
5	Supercapacitive behavior of microporous carbon derived from zinc based metal-organic framework and furfuryl alcohol. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 13344-13356	6.7	12
4	Acid base co-crystal converted into porous carbon material for energy storage devices. <i>RSC Advances</i> , 2015 , 5, 9110-9115	3.7	5
3	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> , 2014 , 39, 19609-19620	6.7	73
2	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> , 2014 , 18, 1545-1555	2.6	33
1	Synthesis, Chemical Characterisation, and DNA Binding Studies of Ferrocene-Incorporated Selenoureas. <i>Australian Journal of Chemistry</i> , 2013 , 66, 626	1.2	27