

Gaurav Jha

List of Publications by Citations

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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.

13
papers

509
citations

8
h-index

13
g-index

13
ext. papers

737
ext. citations

8.6
avg, IF

3.82
L-index

#	Paper	IF	Citations
13	Electrode Degradation in Lithium-Ion Batteries. <i>ACS Nano</i> , 2020 , 14, 1243-1295	16.7	209
12	Accelerating Palladium Nanowire H Sensors Using Engineered Nanofiltration. <i>ACS Nano</i> , 2017 , 11, 9276-9285	9.5	123
11	Hollow Pd-Ag Composite Nanowires for Fast Responding and Transparent Hydrogen Sensors. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 39464-39474	9.5	58
10	Hierarchical Metal-Organic Framework-Assembled Membrane Filter for Efficient Removal of Particulate Matter. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 19957-19963	9.5	52
9	Fluoride ion sensing in aqueous medium by employing nitrobenzoxadiazole-postgrafted mesoporous silica nanoparticles (MCM-41). <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 3525-33	3.6	26
8	Electrophoretic Deposition of Mesoporous Niobium(V)Oxide Nanoscopic Films. <i>Chemistry of Materials</i> , 2018 , 30, 6549-6558	9.6	11
7	Collateral Advantages of a Gel Electrolyte for MnO ₂ Nanowire Capacitors: Higher Voltage and Reduced Volume. <i>ACS Energy Letters</i> , 2017 , 2, 1162-1169	20.1	9
6	Combined photophysical, NMR and theoretical (DFT) study on the interaction of a multi component system in the absence and presence of different biologically and environmentally important ions. <i>RSC Advances</i> , 2015 , 5, 61258-61269	3.7	8
5	Synthesis, Photophysical Studies on Some AnthraceneBased Ionic Liquids and their Application as Biofilm Formation Inhibitor. <i>ChemistrySelect</i> , 2017 , 2, 2426-2432	1.8	6
4	Investigating the Degradation of Nb ₂ O ₅ Thin Films Across 10,000 Lithiation/Delithiation Cycles. <i>ACS Applied Energy Materials</i> , 2021 , 4, 6542-6552	6.1	3
3	Rapid, Wet Chemical Fabrication of Radial Junction Electroluminescent Wires. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 35344-35353	9.5	2
2	Supercharging a MnO Nanowire: An Amine-Altered Morphology Retains Capacity at High Rates and Mass Loadings. <i>Langmuir</i> , 2017 , 33, 9324-9332	4	1
1	Free-radical sensing by using naphthalimide based mesoporous silica (MCM-41) nanoparticles: A combined fluorescence and cellular imaging study. <i>Chemical Physics Letters</i> , 2018 , 692, 324-332	2.5	1