# Gaurav Jha

## List of Publications by Year in descending order



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|---|---|---|---|
| 13 papers | 922 citations | 1305906 8 h-index | 1255698 13 g-index |
| 13 all docs | 13 docs citations | 13 times ranked | 1762 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Investigating the Degradation of Nb<sub>2</sub>O<sub>5</sub> Thin Films Across 10,000 Lithiation/Delithiation Cycles. ACS Applied Energy Materials, 2021, 4, 6542-6552. | 2.5 | 11 |
| 2 | Electrode Degradation in Lithium-Ion Batteries. ACS Nano, 2020, 14, 1243-1295. | 7.3 | 484 |
| 3 | Free-radical sensing by using naphthalimide based mesoporous silica (MCM-41) nanoparticles: A combined fluorescence and cellular imaging study. Chemical Physics Letters, 2018, 692, 324-332. | 1.2 | 3 |
| 4 | Rapid, Wet Chemical Fabrication of Radial Junction Electroluminescent Wires. ACS Applied Materials & Interfaces, 2018, 10, 35344-35353. | 4.0 | 2 |
| 5 | Electrophoretic Deposition of Mesoporous Niobium(V)Oxide Nanoscopic Films. Chemistry of Materials, 2018, 30, 6549-6558. | 3.2 | 16 |
| 6 | Hierarchical Metalâ€“Organic Framework-Assembled Membrane Filter for Efficient Removal of Particulate Matter. ACS Applied Materials & Interfaces, 2018, 10, 19957-19963. | 4.0 | 74 |
| 7 | Collateral Advantages of a Gel Electrolyte for MnO<sub>2</sub> Nanowire Capacitors: Higher Voltage and Reduced Volume. ACS Energy Letters, 2017, 2, 1162-1169. | 8.8 | 11 |
| 8 | Supercharging a MnO<sub>2</sub> Nanowire: An Amine-Altered Morphology Retains Capacity at High Rates and Mass Loadings. Langmuir, 2017, 33, 9324-9332. | 1.6 | 3 |
| 9 | Synthesis, Photophysical Studies on Some Anthraceneâ€“based Ionic Liquids and their Application as Biofilm Formation Inhibitor. ChemistrySelect, 2017, 2, 2426-2432. | 0.7 | 8 |
| 10 | Accelerating Palladium Nanowire H<sub>2</sub> Sensors Using Engineered Nanofiltration. ACS Nano, 2017, 11, 9276-9285. | 7.3 | 190 |
| 11 | Hollow Pdâ€“Ag Composite Nanowires for Fast Responding and Transparent Hydrogen Sensors. ACS Applied Materials & Interfaces, 2017, 9, 39464-39474. | 4.0 | 82 |
| 12 | 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. RSC Advances, 2015, 5, 61258-61269. | 1.7 | 8 |
| 13 | Fluoride ion sensing in aqueous medium by employing nitrobenzoxadiazole-postgrafted mesoporous silica nanoparticles (MCM-41). Physical Chemistry Chemical Physics, 2015, 17, 3525-3533. | 1.3 | 30 |