

Meenakshi Seshadhri Garapati

List of Publications by Year in descending order

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11
papers

196
citations

1307594

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1281871

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docs citations

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293
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient and ORR active platinum-scandium alloy-partially exfoliated carbon nanotubes electrocatalyst for Proton Exchange Membrane Fuel Cell. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 10951-10963.	7.1	47
2	Facile synthesis of heteroatom doped and undoped graphene quantum dots as active materials for reversible lithium and sodium ions storage. <i>Applied Surface Science</i> , 2020, 504, 144430.	6.1	43
3	Synergy between partially exfoliated carbon nanotubes-sulfur cathode and nitrogen rich dual function interlayer for high performance lithium sulfur battery. <i>Carbon</i> , 2019, 147, 364-376.	10.3	27
4	Enhancing polysulfide confinement and redox kinetics by electrocatalytic interlayer for highly stable lithium-sulfur batteries. <i>Electrochimica Acta</i> , 2020, 362, 137035.	5.2	24
5	Polar Bilayer Cathode for Advanced Lithium-Sulfur Battery: Synergy Between Polysulfide Conversion and Confinement. <i>Journal of Physical Chemistry C</i> , 2019, 123, 10777-10787.	3.1	13
6	Optimizing metal-support interphase for efficient fuel cell oxygen reduction reaction catalyst. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 439-448.	9.4	13
7	Nonprecious Catalyst for Three-Phase Contact in a Proton Exchange Membrane CO ₂ Conversion Full Cell for Efficient Electrochemical Reduction of Carbon Dioxide. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40432-40442.	8.0	10
8	Retracting interphasial stored Li ⁺ ions by transition metal/metal carbide nanoparticles for enhanced Li ⁺ ion storage capacity. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 1213-1222.	9.4	7
9	Diatom-frustule catalyst supported multiwalled carbon nanotubes: Scalable and cost-effective synthesis and stable anode for lithium-ion battery. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 261, 114695.	3.5	5
10	Synergy between Interconnected Porous Carbon-Sulfur Cathode and Metallic MgB ₂ Interlayer as a Lithium Polysulfide Immobilizer for High-Performance Lithium-Sulfur Batteries. <i>ACS Omega</i> , 2020, 5, 22379-22388.	3.5	4
11	Proton-Conducting Polymer Wrapped Cathode Catalyst for Enhancing Triple-Phase Boundaries in Proton Exchange Membrane Fuel Cells. <i>ACS Applied Energy Materials</i> , 2022, 5, 627-638.	5.1	3