

Anish Raj Kathribail

List of Publications by Year in descending order

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papers

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14
times ranked

809
citing authors

#	ARTICLE	IF	CITATIONS
1	Covalent organic framework based microspheres as an anode material for rechargeable sodium batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16655-16663.	10.3	113
2	Bio-derived mesoporous disordered carbon: An excellent anode in sodium-ion battery and full-cell lab prototype. <i>Carbon</i> , 2019, 143, 402-412.	10.3	102
3	Blocks of molybdenum ditelluride: A high rate anode for sodium-ion battery and full cell prototype study. <i>Nano Energy</i> , 2019, 64, 103951.	16.0	57
4	Efficient conversion of sand to nano-silicon and its energetic Si-C composite anode design for high volumetric capacity lithium-ion battery. <i>Journal of Power Sources</i> , 2018, 382, 56-68.	7.8	48
5	Stability enhancing ionic liquid hybrid electrolyte for NVP@C cathode based sodium batteries. <i>Sustainable Energy and Fuels</i> , 2018, 2, 566-576.	4.9	37
6	Electrochemical properties of biomass-derived carbon and its composite along with Na ₂ Ti ₃ O ₇ as potential high-performance anodes for Na-ion and Li-ion batteries. <i>Electrochimica Acta</i> , 2021, 392, 139026.	5.2	27
7	Study of Higher Discharge Capacity, Phase Transition, and Relative Structural Stability in Li ₂ FeSiO ₄ Cathode upon Lithium Extraction Using an Experimental and Theoretical Approach and Full Cell Prototype Study. <i>ACS Applied Energy Materials</i> , 2019, 2, 6584-6598.	5.1	21
8	Mechanical and Electrochemical Stability Improvement of SiC-Reinforced Silicon-Based Composite Anode for Li-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 12613-12626.	5.1	14
9	Electrochemical investigation of MoTe ₂ /rGO composite materials for sodium-ion battery application. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	7
10	High-Performance Amorphous Carbon Coated LiNi _{0.6} Mn _{0.2} Co _{0.2} O ₂ Cathode Material with Improved Capacity Retention for Lithium-Ion Batteries. <i>Batteries</i> , 2021, 7, 69.	4.5	7
11	Improved Performance of Solid Polymer Electrolyte for Lithium-Metal Batteries via Hot Press Rolling. <i>Polymers</i> , 2022, 14, 363.	4.5	6
12	Battery Technologies for Energy Storage. , 2017, , 469-486.		4
13	MoTe ₂ , A novel anode material for sodium ion battery. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	4
14	Structural and electrochemical mechanism study of layered MoTe ₂ anode material for sodium-ion battery. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1