Manas Ranjan Panda

List of Publications by Year
in descending order

19	575	933264 10	887953 17
papers	citations	h-index	g-index

19	19	19	826
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bio-derived mesoporous disordered carbon: An excellent anode in sodium-ion battery and full-cell lab prototype. Carbon, 2019, 143, 402-412.	5.4	102
2	Practical Aqueous Calcium-Ion Battery Full-Cells for Future Stationary Storage. ACS Applied Materials & Interfaces, 2020, 12, 11489-11503.	4.0	85
3	High-energy density room temperature sodium-sulfur battery enabled by sodium polysulfide catholyte and carbon cloth current collector decorated with MnO2 nanoarrays. Energy Storage Materials, 2019, 20, 196-202.	9.5	82
4	Blocks of molybdenum ditelluride: A high rate anode for sodium-ion battery and full cell prototype study. Nano Energy, 2019, 64, 103951.	8.2	57
5	Three-Dimensionally Reinforced Freestanding Cathode for High-Energy Room-Temperature Sodiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2019, 11, 14101-14109.	4.0	55
6	High Performance Lithiumâ€Ion Batteries Using Layered 2Hâ€MoTe₂ as Anode. Small, 2020, 16, e2002669.	5.2	54
7	Structural phase change in Co2.25Fe0.75O4 spinel oxide by vacuum annealing and role of coexisting CoO phase on magnetic properties. Journal of Alloys and Compounds, 2015, 646, 161-169.	2.8	30
8	Electrochemical properties of biomass-derived carbon and its composite along with Na2Ti3O7 as potential high-performance anodes for Na-ion and Li-ion batteries. Electrochimica Acta, 2021, 392, 139026.	2.6	27
9	Air annealing effects on lattice structure, charge state distribution of cations, and room temperature ferrimagnetism in the ferrite composition Co_{2.25}Fe_{0.75}O₄. Materials Research Express, 2015, 2, 036101.	0.8	24
10	Study of Higher Discharge Capacity, Phase Transition, and Relative Structural Stability in Li₂FeSiO₄ Cathode upon Lithium Extraction Using an Experimental and Theoretical Approach and Full Cell Prototype Study. ACS Applied Energy Materials, 2019, 2, 6584-6598.	2.5	21
11	Unique Structure-Induced Magnetic and Electrochemical Activity in Nanostructured Transition Metal Tellurates Co_{1Ââ€“Âx}Ni_xTeO₄ (x = 0, 0.5, and 1). ACS Applied Energy Materials, 2020, 3, 9436-9448.	2.5	10
12	Zirconiumâ€Doped Vanadium Oxide and Ammonium Linked Layered Cathode to Construct a Fullâ€Cell Magnesiumâ€Ion Battery: A Realization and Structural, Electrochemical Study. Batteries and Supercaps, 2021, 4, 1757-1770.	2.4	10
13	Electrochemical investigation of MoTe2/rGO composite materials for sodium-ion battery application. AIP Conference Proceedings, 2018, , .	0.3	7
14	MoTe2, A novel anode material for sodium ion battery. AIP Conference Proceedings, 2018, , .	0.3	4
15	Free standing Cu2Te, new anode material for sodium-ion battery. AIP Conference Proceedings, 2018, , .	0.3	3
16	Layered 2H-MoTe2: A novel anode material for lithium-ion batteries. Materials Today: Proceedings, 2021, , .	0.9	3
17	Structural and electrochemical mechanism study of layered MoTe2 anode material for sodium-ion battery. AIP Conference Proceedings, 2019, , .	0.3	1
18	Existence of Fe4+ ions in Co2.25Fe0.75O4 spinel ferrite confirmed from SXRD and XANES spectroscopy. AIP Conference Proceedings, 2015, , .	0.3	0

#	Article	IF	Citations
19	High-Potential Cathode for Sodium-Ion Battery. Springer Proceedings in Energy, 2020, , 371-377.	0.2	0