

# Manas Ranjan Panda

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9526943/publications.pdf>

Version: 2024-02-01

19  
papers

575  
citations

933264

10  
h-index

887953

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

826  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Layered 2H-MoTe <sub>2</sub> : A novel anode material for lithium-ion batteries. Materials Today: Proceedings, 2021, , .  | 0.9 | 3         |
| 2  | Zirconium-Doped Vanadium Oxide and Ammonium Linked Layered Cathode to Construct a Full-Cell Magnesium-Ion Battery: A Realization and Structural, Electrochemical Study. Batteries and Supercaps, 2021, 4, 1757-1770.  | 2.4 | 10        |
| 3  | Electrochemical properties of biomass-derived carbon and its composite along with Na <sub>2</sub> Ti <sub>3</sub> O <sub>7</sub> as potential high-performance anodes for Na-ion and Li-ion batteries. Electrochimica Acta, 2021, 392, 139026.  | 2.6 | 27        |
| 4  | Unique Structure-Induced Magnetic and Electrochemical Activity in Nanostructured Transition Metal Tellurates Co <sub>1-x</sub> Ni <sub>x</sub> TeO <sub>4</sub> (x = 0, 0.5, and 1). ACS Applied Energy Materials, 2020, 3, 9436-9448.  | 2.5 | 10        |
| 5  | High Performance Lithium-Ion Batteries Using Layered 2H-MoTe <sub>2</sub> as Anode. Small, 2020, 16, e2002669.  | 5.2 | 54        |
| 6  | Practical Aqueous Calcium-Ion Battery Full-Cells for Future Stationary Storage. ACS Applied Materials & Interfaces, 2020, 12, 11489-11503.  | 4.0 | 85        |
| 7  | High-Potential Cathode for Sodium-Ion Battery. Springer Proceedings in Energy, 2020, , 371-377.   | 0.2 | 0         |
| 8  | Study of Higher Discharge Capacity, Phase Transition, and Relative Structural Stability in Li <sub>2</sub> FeSiO <sub>4</sub> 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        |
| 9  | Structural and electrochemical mechanism study of layered MoTe <sub>2</sub> anode material for sodium-ion battery. AIP Conference Proceedings, 2019, , .  | 0.3 | 1         |
| 10 | 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        |
| 11 | Three-Dimensionally Reinforced Freestanding Cathode for High-Energy Room-Temperature Sodium-Sulfur Batteries. ACS Applied Materials & Interfaces, 2019, 11, 14101-14109.  | 4.0 | 55        |
| 12 | 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       |
| 13 | High-energy density room temperature sodium-sulfur battery enabled by sodium polysulfide catholyte and carbon cloth current collector decorated with MnO <sub>2</sub> nanoarrays. Energy Storage Materials, 2019, 20, 196-202.  | 9.5 | 82        |
| 14 | MoTe <sub>2</sub> , A novel anode material for sodium ion battery. AIP Conference Proceedings, 2018, , .  | 0.3 | 4         |
| 15 | Electrochemical investigation of MoTe <sub>2</sub> /rGO composite materials for sodium-ion battery application. AIP Conference Proceedings, 2018, , .   | 0.3 | 7         |
| 16 | Free standing Cu <sub>2</sub> Te, new anode material for sodium-ion battery. AIP Conference Proceedings, 2018, , .  | 0.3 | 3         |
| 17 | Existence of Fe <sup>4+</sup> ions in Co <sub>2.25</sub> Fe <sub>0.75</sub> O <sub>4</sub> spinel ferrite confirmed from SXRD and XANES spectroscopy. AIP Conference Proceedings, 2015, , .   | 0.3 | 0         |
| 18 | Air annealing effects on lattice structure, charge state distribution of cations, and room temperature ferrimagnetism in the ferrite composition Co <sub>2.25</sub> Fe <sub>0.75</sub> O <sub>4</sub> . Materials Research Express, 2015, 2, 036101.  | 0.8 | 24        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Structural phase change in $\text{Co}_{2.25}\text{Fe}_{0.75}\text{O}_4$ spinel oxide by vacuum annealing and role of coexisting CoO phase on magnetic properties. <i>Journal of Alloys and Compounds</i> , 2015, 646, 161-169. | 2.8 | 30        |