

Yogesh Sharma

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Facile and One-Step in Situ Synthesis of Pure Phase Mesoporous $\text{Li}_2\text{MnSiO}_4/\text{CNTs}$ Nanocomposite for Hybrid Supercapacitors. <i>ACS Applied Energy Materials</i> , 2020, 3, 2450-2464.	2.5	30
2	Microstructural Tuning of Solid Electrolyte $\text{Na}_3\text{Zr}_2\text{Si}_2\text{PO}_{12}$ by Polymer-Assisted Solution Synthesis Method and Its Effect on Ionic Conductivity and Dielectric Properties. <i>ACS Applied Energy Materials</i> , 2021, 4, 5475-5485.	2.5	23
3	Toward the Origin of Magnetic Field-Dependent Storage Properties: A Case Study on the Supercapacitive Performance of FeCo_2O_4 Nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 49530-49540.	4.0	20
4	Role of Oxygen Deficiency and Microstructural Voids/Gaps in Nanostructures of $\text{Ca}_2\text{Fe}_2\text{O}_5$ as an Anode Toward Next-Generation High-Performance Li-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 6360-6373.	2.5	18
5	Recent progress and future perspectives for the development of micro-supercapacitors for portable/wearable electronics applications. <i>JPhys Energy</i> , 2021, 3, 032017.	2.3	18
6	Controlled generation and tuning the oxygen defects in nanofibers of $\text{Ca}_2\text{Fe}_2\text{O}_5$ toward high and stable Li-ion battery anode. <i>Applied Surface Science</i> , 2021, 560, 150055.	3.1	18
7	Revealing the Effect of Oxygen Defects and Morphology on Li-Storage Performance of Calcium Iron Oxide. <i>Journal of the Electrochemical Society</i> , 2020, 167, 110526.	1.3	13
8	Fabrication of ultra-thin, flexible, dendrite-free, robust and nanostructured solid electrolyte membranes for solid-state Li-batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12196-12212.	5.2	12
9	Pentafluoropyridine functionalized novel heteroatom-doped with hierarchical porous 3D cross-linked graphene for supercapacitor applications. <i>RSC Advances</i> , 2021, 11, 26892-26907.	1.7	8
10	Role of impurity phases present in orthorhombic- $\text{Li}_2\text{MnSiO}_4$ towards the Li-reactivity and storage as LIB cathode. <i>Applied Surface Science</i> , 2022, 574, 151689.	3.1	7
11	Designing the Binder-Free Conversion-Based Manganese Oxide Nanofibers as Highly Stable and Rate-Capable Anode for Next-Generation Li-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2022, 5, 6855-6868.	2.5	7
12	Morphology and Oxygen Defects Mediated Improved Pseudocapacitive Li^+ Storage of Conversion-Based Lithium Iron Oxide. <i>Energy & Fuels</i> , 2021, 35, 12637-12652.	2.5	6
13	Incorporation of Alloy-de-Alloy Phase with Conversion Based Manganese Oxide to Enable High and Stable Capacity and Density Functional Theory Study of CdMn_2O_4 . <i>Journal of the Electrochemical Society</i> , 2018, 165, A1610-A1620.	1.3	4
14	Fabrication of Binder-Free TiO_2 Nanofibers@Carbon Cloth for Flexible and Ultra-Stable Supercapacitor for Wearable Electronics. <i>Advanced Electronic Materials</i> , 2022, 8, .	2.6	3
15	Tailoring the morphology of orthorhombic $\text{Li}_2\text{MnSiO}_4$ by carbon additive and its impact on transport and Li-storage properties. <i>Journal of Power Sources</i> , 2022, 542, 231630.	4.0	1
16	Tailoring the surface energy and area surface resistance of solid-electrolyte polymer membrane for dendrite free, high-performance, and safe solid-state Li-batteries. <i>Journal of Power Sources</i> , 2022, 541, 231690.	4.0	1