

# Jai Bhagwan

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

644  
citations

623734

14  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

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times ranked

775  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid synthesis of hexagonal NiCo <sub>2</sub> O <sub>4</sub> nanostructures for high-performance asymmetric supercapacitors. <i>Electrochimica Acta</i> , 2019, 299, 509-517.	5.2	133
2	Porous, One dimensional and High Aspect Ratio Mn <sub>3</sub> O <sub>4</sub> Nanofibers: Fabrication and Optimization for Enhanced Supercapacitive Properties. <i>Electrochimica Acta</i> , 2015, 174, 992-1001.	5.2	83
3	Aqueous asymmetric supercapacitors based on ZnCo <sub>2</sub> O <sub>4</sub> nanoparticles via facile combustion method. <i>Journal of Alloys and Compounds</i> , 2020, 815, 152456.	5.5	59
4	Improved energy storage, magnetic and electrical properties of aligned, mesoporous and high aspect ratio nanofibers of spinel-NiMn <sub>2</sub> O <sub>4</sub> . <i>Applied Surface Science</i> , 2017, 426, 913-923.	6.1	54
5	Porous, one-dimensional and high aspect ratio nanofibric network of cobalt manganese oxide as a high performance material for aqueous and solid-state supercapacitor (2ÅV). <i>Journal of Power Sources</i> , 2016, 327, 29-37.	7.8	45
6	Nanofibers of spinel-CdMn <sub>2</sub> O <sub>4</sub> : A new and high performance material for supercapacitor and Li-ion batteries. <i>Journal of Alloys and Compounds</i> , 2017, 703, 86-95.	5.5	44
7	Probing the electrical properties and energy storage performance of electrospun ZnMn <sub>2</sub> O <sub>4</sub> nanofibers. <i>Solid State Ionics</i> , 2018, 321, 75-82.	2.7	40
8	Facile synthesis of MnMoO <sub>4</sub> @MWCNT and their electrochemical performance in aqueous asymmetric supercapacitor. <i>Journal of Alloys and Compounds</i> , 2021, 856, 157874.	5.5	33
9	Promotive Effect of MWCNT on ZnCo <sub>2</sub> O <sub>4</sub> Hexagonal Plates and Their Application in Aqueous Asymmetric Supercapacitor. <i>Journal of the Electrochemical Society</i> , 2019, 166, A217-A224.	2.9	22
10	Î <sup>2</sup> -NiS 3D micro-flower-based electrode for aqueous asymmetric supercapacitors. <i>Sustainable Energy and Fuels</i> , 2020, 4, 5550-5559.	4.9	20
11	Template and solâ€gel routed <sc> CoMn<sub>2</sub> O<sub>4</sub> </sc> nanofibers for supercapacitor applications. <i>International Journal of Energy Research</i> , 2021, 45, 19413-19422.	4.5	19
12	Sol-Gel Routed NiMn<sub>2</sub>O<sub>4</sub> Nanofabric Electrode Materials for Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2019, 166, A1950-A1955.	2.9	18
13	Spinel-MgMn <sub>2</sub> O <sub>4</sub> nanofibers: An attractive material for high performance aqueous symmetric supercapacitor. <i>Journal of Energy Storage</i> , 2022, 46, 103894.	8.1	16
14	Multi-wall carbon nanotubes decorated MnCo <sub>2</sub> O <sub>4.5</sub> hexagonal nanoplates with enhanced electrochemical behavior for high-performance electrochemical capacitors. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 94, 292-301.	5.8	14
15	High-performance quasi-solid-state asymmetric supercapacitors based on BiMn <sub>2</sub> O <sub>5</sub> nanoparticles and redox-additive electrolytes. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2061-2070.	6.0	12
16	Facile Hydrothermal Synthesis and Electrochemical Properties of CaMoO <sub>4</sub> Nanoparticles for Aqueous Asymmetric Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	6.7	9
17	Fabrication, Characterization, and Optimization of Mn O Nanofibers for Improved Supercapacitive Properties. , 2019, , 451-481.		7
18	Designing hierarchical NiCo <sub>2</sub> S <sub>4</sub> nanospheres with enhanced electrochemical performance for supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1033-1044.	2.5	6

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19	Facile synthesis of $\text{MgCo}_2\text{O}_4$ hexagonal nanostructure via co-precipitation approach and its supercapacitive properties. International Journal of Energy Research, 2022, 46, 7788-7798.	4.5	5
20	Nanofiber of $\text{Mn}_3\text{O}_4$ : Fabrication and application as supercapacitor electrode. AIP Conference Proceedings, 2015, , .	0.4	4
21	Nanofibers of $\text{Ca}_2\text{Fe}_2\text{O}_5$ : A novel material for aqueous supercapacitor. AIP Conference Proceedings, 2016, , .	0.4	1