# Jai Bhagwan

List of Publications by Year
in descending order



| 21 | 644 | 623734 14 | 794594 19 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 21 | 21 | 21 | 775 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Spinel-MgMn2O4 nanofibers: An attractive material for high performance aqueous symmetric supercapacitor. Journal of Energy Storage, 2022, 46, 103894. | 8.1 | 16 |
| 2 | Facile synthesis of <scp> MgCo <sub>2</sub> O <sub>4</sub> </scp> hexagonal nanostructure via coâ€precipitation approach and its supercapacitive properties. International Journal of Energy Research, 2022, 46, 7788-7798. | 4.5 | 5 |
| 3 | Multi-wall carbon nanotubes decorated MnCo2O4.5 hexagonal nanoplates with enhanced electrochemical behavior for high-performance electrochemical capacitors. Journal of Industrial and Engineering Chemistry, 2021, 94, 292-301. | 5.8 | 14 |
| 4 | Facile synthesis of MnMoO4@MWCNT and their electrochemical performance in aqueous asymmetric supercapacitor. Journal of Alloys and Compounds, 2021, 856, 157874. | 5.5 | 33 |
| 5 | Template and solâ€gel routed <scp> CoMn <sub>2</sub> O <sub>4</sub> </scp> nanofibers for supercapacitor applications. International Journal of Energy Research, 2021, 45, 19413-19422. | 4.5 | 19 |
| 6 | Aqueous asymmetric supercapacitors based on ZnCo2O4 nanoparticles via facile combustion method. Journal of Alloys and Compounds, 2020, 815, 152456. | 5.5 | 59 |
| 7 | Î²-NiS 3D micro-flower-based electrode for aqueous asymmetric supercapacitors. Sustainable Energy and Fuels, 2020, 4, 5550-5559. | 4.9 | 20 |
| 8 | Designing hierarchical NiCo2S4 nanospheres with enhanced electrochemical performance for supercapacitors. Journal of Solid State Electrochemistry, 2020, 24, 1033-1044. | 2.5 | 6 |
| 9 | Promotive Effect of MWCNT on ZnCo<sub>2</sub>O<sub>4</sub>Hexagonal Plates and Their Application in Aqueous Asymmetric Supercapacitor. Journal of the Electrochemical Society, 2019, 166, A217-A224. | 2.9 | 22 |
| 10 | High-performance quasi-solid-state asymmetric supercapacitors based on BiMn2O5 nanoparticles and redox-additive electrolytes. Inorganic Chemistry Frontiers, 2019, 6, 2061-2070. | 6.0 | 12 |
| 11 | Fabrication, Characterization, and Optimization of Mn O Nanofibers for Improved Supercapacitive Properties. , 2019, , 451-481. | | 7 |
| 12 | Sol-Gel Routed NiMn<sub>2</sub>O<sub>4</sub>ÂNanofabric Electrode Materials for Supercapacitors. Journal of the Electrochemical Society, 2019, 166, A1950-A1955. | 2.9 | 18 |
| 13 | Rapid synthesis of hexagonal NiCo2O4 nanostructures for high-performance asymmetric supercapacitors. Electrochimica Acta, 2019, 299, 509-517. | 5.2 | 133 |
| 14 | Probing the electrical properties and energy storage performance of electrospun ZnMn2O4 nanofibers. Solid State Ionics, 2018, 321, 75-82. | 2.7 | 40 |
| 15 | Nanofibers of spinel-CdMn2O4: A new and high performance material for supercapacitor and Li-ion batteries. Journal of Alloys and Compounds, 2017, 703, 86-95. | 5.5 | 44 |
| 16 | Improved energy storage, magnetic and electrical properties of aligned, mesoporous and high aspect ratio nanofibers of spinel-NiMn 2 O 4. Applied Surface Science, 2017, 426, 913-923. | 6.1 | 54 |
| 17 | Nanofibers of Ca2Fe2O5: A novel material for aqueous supercapacitor. AIP Conference Proceedings, 2016, , . | 0.4 | 1 |
| 18 | Porous, one-dimensional and high aspect ratio nanofibric network of cobalt manganese oxide as a high performance material for aqueous and solid-state supercapacitor (2ÂV). Journal of Power Sources, 2016, 327, 29-37. | 7.8 | 45 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Nanofiber of Mn3O4: Fabrication and application as supercapacitor electrode. AIP Conference Proceedings, 2015, , . | 0.4 | 4 |
| 20 | Porous, One dimensional and High Aspect Ratio Mn3O4 Nanofibers: Fabrication and Optimization for Enhanced Supercapacitive Properties. Electrochimica Acta, 2015, 174, 992-1001. | 5.2 | 83 |
| 21 | Facile Hydrothermal Synthesis and Electrochemical Properties of CaMoO<sub>4</sub> Nanoparticles for Aqueous Asymmetric Supercapacitors. ACS Sustainable Chemistry and Engineering, 0, , . | 6.7 | 9 |