

Samantha Husmann

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

521
citations

759233

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22
times ranked

624
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Layered Nano-Mosaic of Niobium Disulfide Heterostructures by Direct Sulfidation of Niobium Carbide MXenes for Hydrogen Evolution. <i>Advanced Materials Interfaces</i> , 2022, 9, . | 3.7 | 6 |
| 2 | Transparent aqueous rechargeable sodium-ion battery. <i>Electrochimica Acta</i> , 2022, 422, 140548. | 5.2 | 10 |
| 3 | Layered Titanium Niobium Oxides Derived from Solid-Solution Ti-Nb Carbides (MXene) as Anode Materials for Li-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2022, 5, 8132-8142. | 5.1 | 9 |
| 4 | Structural and chemical characterization of MoO ₂ /MoS ₂ triple-hybrid materials using electron microscopy in up to three dimensions. <i>Nanoscale Advances</i> , 2021, 3, 1067-1076. | 4.6 | 2 |
| 5 | Porous Mixed-Metal Oxide Li-Ion Battery Electrodes by Shear-Induced Co-assembly of Precursors and Tailored Polymer Particles. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 61166-61179. | 8.0 | 12 |
| 6 | Electrospun vanadium sulfide / carbon hybrid fibers obtained via one-step thermal sulfidation for use as lithium-ion battery electrodes. <i>Journal of Power Sources</i> , 2020, 450, 227674. | 7.8 | 19 |
| 7 | Ionic liquid-based synthesis of MXene. <i>Chemical Communications</i> , 2020, 56, 11082-11085. | 4.1 | 87 |
| 8 | Chemically synthesized graphene as a precursor to Prussian blue-based nanocomposite: A multifunctional material for transparent aqueous K-ion battery or electrochromic device. <i>Electrochimica Acta</i> , 2020, 345, 136199. | 5.2 | 30 |
| 9 | High-performance aqueous rechargeable potassium batteries prepared via interfacial synthesis of a Prussian blue-carbon nanotube composite. <i>Electrochimica Acta</i> , 2020, 349, 136243. | 5.2 | 34 |
| 10 | Low voltage operation of a silver/silver chloride battery with high desalination capacity in seawater. <i>RSC Advances</i> , 2019, 9, 14849-14858. | 3.6 | 64 |
| 11 | A multi-technique approach towards the mechanistic investigation of the electrodeposition of Prussian blue over carbon nanotubes film. <i>Electrochimica Acta</i> , 2019, 312, 380-391. | 5.2 | 23 |
| 12 | Effect of Pore Size on the Ion Electrosorption and Hydrogen/Deuterium Electrosorption Using Sodium Chloride in H ₂ O and D ₂ O. <i>Journal of the Electrochemical Society</i> , 2019, 166, A4158-A4167. | 2.9 | 8 |
| 13 | Sulfidation of Electrospun Vanadium Oxide Fiber Mats for Lithium-Ion Battery Electrodes. <i>ECS Meeting Abstracts</i> , 2019, , . | 0.0 | 0 |
| 14 | Photoanode for Aqueous Dye-Sensitized Solar Cells based on a Novel Multicomponent Thin Film. <i>ChemSusChem</i> , 2018, 11, 1238-1245. | 6.8 | 16 |
| 15 | Carbon nanotube thin films modified with a mixture of Prussian blue and ruthenium purple: combining materials and properties. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 2003-2012. | 2.5 | 7 |
| 16 | Cation effect on the structure and properties of hexacyanometallates-based nanocomposites: Improving cathode performance in aqueous metal-ions batteries. <i>Electrochimica Acta</i> , 2018, 283, 1339-1350. | 5.2 | 23 |
| 17 | Design of a Prussian Blue Analogue/Carbon Nanotube Thin-Film Nanocomposite: Tailored Precursor Preparation, Synthesis, Characterization, and Application. <i>Chemistry - A European Journal</i> , 2016, 22, 6643-6653. | 3.3 | 27 |
| 18 | Flexible, Transparent and Thin Films of Carbon Nanomaterials as Electrodes for Electrochemical Applications. <i>Electrochimica Acta</i> , 2016, 197, 200-209. | 5.2 | 67 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Multifunctional carbon nanotubes/ruthenium purple thin films: preparation, characterization and study of application as sensors and electrochromic materials. Dalton Transactions, 2015, 44, 5985-5995. | 3.3 | 20 |
| 20 | Teaching Surface Tension Using Easy-to-do Experiments in Undergraduate Classes. Revista Virtual De Quimica, 2015, 7, . | 0.4 | 0 |
| 21 | Carbon nanotube/Prussian blue paste electrodes: Characterization and study of key parameters for application as sensors for determination of low concentration of hydrogen peroxide. Sensors and Actuators B: Chemical, 2014, 192, 782-790. | 7.8 | 55 |
| 22 | Electrodeposition of Prussian Blue/Carbon Nanotube Composites at a Liquid-Liquid Interface. Journal of the Brazilian Chemical Society, 0, , . | 0.6 | 2 |