

Lixin Dai

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | 2D Functional Minerals as Sustainable Materials for Magneto-Optics. <i>Advanced Materials</i> , 2022, 34, e2110464. | 21.0 | 26 |
| 2 | Sustainable and high-performance Zn dual-ion batteries with a hydrogel-based water-in-salt electrolyte. <i>Energy Storage Materials</i> , 2022, 47, 187-194. | 18.0 | 33 |
| 3 | A 2D material-based transparent hydrogel with engineerable interference colours. <i>Nature Communications</i> , 2022, 13, 1212. | 12.8 | 37 |
| 4 | Bio-inspired Mn ₃ O ₄ @N, P-doped carbon cathode for 2.6 V flexible aqueous asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2021, 407, 126874. | 12.7 | 24 |
| 5 | Jahn-Teller Distortion Induced Mn ²⁺ -Rich Cathode Enables Optimal Flexible Aqueous High-Voltage Zn-Mn Batteries. <i>Advanced Science</i> , 2021, 8, 2004995. | 11.2 | 49 |
| 6 | Recyclable and tear-resistant all-in-one supercapacitor with dynamic electrode/electrolyte interface. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 629-637. | 9.4 | 46 |
| 7 | Embedded 3D Li ⁺ channels in a water-in-salt electrolyte to develop flexible supercapacitors and lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24800-24806. | 10.3 | 51 |
| 8 | Highly Stretchable and Compressible Self-Healing P(AA-co-AAm)/CoCl ₂ Hydrogel Electrolyte for Flexible Supercapacitors. <i>ChemElectroChem</i> , 2019, 6, 467-472. | 3.4 | 35 |
| 9 | Effect of monomer sequence distribution on the CO ₂ -philicity of a well-defined ternary copolymer: Poly(vinyl acetate-co-vinyl butyrate-co-vinyl butyl ether). <i>Polymer</i> , 2017, 130, 102-111. | 3.8 | 4 |