

Lixin Dai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/43326/publications.pdf>

Version: 2024-02-01

9
papers

305
citations

1163117

8
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

271
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	2D material-based transparent hydrogel with engineerable interference colours. <i>Nature Communications</i> , 2022, 13, 1212.	12.8	37
5	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
6	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
7	2D Functional Minerals as Sustainable Materials for Magneto-Optics. <i>Advanced Materials</i> , 2022, 34, e2110464.	21.0	26
8	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
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