

Xiaochuan Chen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

355
citations

1307543

7
h-index

1058452

14
g-index

14
all docs

14
docs citations

14
times ranked

365
citing authors

#	ARTICLE	IF	CITATIONS
1	Cutting COF-like C ₄ N to Give Colloidal Quantum Dots: Towards Optical Encryption and Bidirectional Sulfur Chemistry via Functional Group and Edge Effects. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202114182.	13.8	15
2	Cutting COF-like C ₄ N to Give Colloidal Quantum Dots: Towards Optical Encryption and Bidirectional Sulfur Chemistry via Functional Group and Edge Effects. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	1
3	Research Progress in Lithium-Excess Disordered Rock-Salt Oxides Cathode. <i>Energy and Environmental Materials</i> , 2022, 5, 1139-1154.	12.8	33
4	Simultaneous enhancement of dielectric and mechanical properties of high-density polyethylene/nitrile rubber/multiwalled carbon nanotube composites prepared by dynamic vulcanization. <i>Polymer International</i> , 2021, 70, 116-122.	3.1	4
5	Redox Donor-Acceptor Conjugated Microporous Polymers as Ultralong-Lived Organic Anodes for Rechargeable Air Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10164-10171.	13.8	44
6	Redox Donor-Acceptor Conjugated Microporous Polymers as Ultralong-Lived Organic Anodes for Rechargeable Air Batteries. <i>Angewandte Chemie</i> , 2021, 133, 10252-10259.	2.0	4
7	Recent Advances in Elongational Flow Dominated Polymer Processing Technologies. <i>Polymers</i> , 2021, 13, 1792.	4.5	7
8	Elongational Flow Field Processed Ultrahigh Molecular Weight Polyethylene/Polypropylene Blends with Distinct Interlayer Phase for Enhanced Tribological Properties. <i>Polymers</i> , 2021, 13, 1933.	4.5	5
9	Enhancing Chain Mobility of Ultrahigh Molecular Weight Polyethylene by Regulating Residence Time under a Consecutive Elongational Flow for Improved Processability. <i>Polymers</i> , 2021, 13, 2192.	4.5	1
10	Co-construction of sulfur vacancies and carbon confinement in V ₅ S ₈ /CNFs to induce an ultra-stable performance for half/full sodium-ion and potassium-ion batteries. <i>Nanoscale</i> , 2021, 13, 5033-5044.	5.6	90
11	Chain conformation and dynamics in ultrahigh molecular weight polyethylene melts undergoing extensional-shear coupled flow: insight from dissipative particle dynamics simulation. <i>Polymer International</i> , 2020, 69, 1213-1219.	3.1	3
12	Highly Stretchable Photonic Crystal Hydrogels for a Sensitive Mechanochromic Sensor and Direct Ink Writing. <i>Chemistry of Materials</i> , 2019, 31, 8918-8926.	6.7	117
13	Orientation and Dispersion Evolution of Carbon Nanotubes in Ultra High Molecular Weight Polyethylene Composites under Extensional-Shear Coupled Flow: A Dissipative Particle Dynamics Study. <i>Polymers</i> , 2019, 11, 154.	4.5	17
14	Structure and properties of ultrahigh molecular weight polyethylene processed under a consecutive elongational flow. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	14