

Derong Lu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

639
citations

777949

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939365

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g-index

19
all docs

19
docs citations

19
times ranked

1094
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer-Enabled Self-Assembly of Plasmonic Nanostructures. , 2022, , 127-182.		0
2	Caging Cationic Polymer Brush-Coated Plasmonic Nanostructures for Traceable Selective Antimicrobial Activities. Macromolecular Rapid Communications, 2022, 43, e2100812.	2.0	4
3	Self-Activation Enables Cationic and Anionic Co-Storage in Organic Frameworks. Advanced Energy Materials, 2022, 12, .	10.2	11
4	How Prussian Blue Analogues Can Be Stable in Concentrated Aqueous Electrolytes. ACS Energy Letters, 2022, 7, 1672-1678.	8.8	32
5	Metabolic Labeling Mediated Targeting and Thermal Killing of Gram-Positive Bacteria by Self-Reporting Janus Magnetic Nanoparticles. Small, 2021, 17, e2006357.	5.2	40
6	Magnetic nanochains-based dynamic ELISA for rapid and ultrasensitive detection of acute myocardial infarction biomarkers. Analytica Chimica Acta, 2021, 1166, 338567.	2.6	22
7	Ultrathin Aramid/COF Heterolayered Membrane for Solid-State Li-Metal Batteries. Nano Letters, 2020, 20, 8120-8126.	4.5	63
8	Building Lithiophilic Ion-Conduction Highways on Garnet-Type Solid-State Li ⁺ Conductors. Advanced Energy Materials, 2020, 10, 1904230.	10.2	62
9	Polymeric Sulfur as a Li Ion Conductor. Nano Letters, 2020, 20, 2191-2196.	4.5	15
10	A Self-Assembled Plasmonic Substrate for Enhanced Fluorescence Resonance Energy Transfer. Advanced Materials, 2020, 32, e1906475.	11.1	45
11	Functional Macromolecule-Enabled Colloidal Synthesis: From Nanoparticle Engineering to Multifunctionality. Advanced Materials, 2019, 31, e1902733.	11.1	25
12	Polymer Electrolyte Glue: A Universal Interfacial Modification Strategy for All-Solid-State Li Batteries. Nano Letters, 2019, 19, 2343-2349.	4.5	105
13	Self-Assembly of Polymer-Coated Plasmonic Nanocrystals: From Synthetic Approaches to Practical Applications. Macromolecular Rapid Communications, 2019, 40, e1800613.	2.0	11
14	Influence of Constraints within a Cyclic Polymer on Solution Properties. Biomacromolecules, 2018, 19, 616-625.	2.6	30
15	Peptidomimetic Star Polymers for Targeting Biological Ion Channels. PLoS ONE, 2016, 11, e0152169.	1.1	5
16	One-Pot Orthogonal Copper-Catalyzed Synthesis and Self-Assembly of Lysine-Decorated Polymeric Dendrimers. Macromolecules, 2015, 48, 1688-1702.	2.2	34
17	Glass Transition Temperature of Cyclic Stars. ACS Macro Letters, 2014, 3, 1254-1257.	2.3	55
18	Synthesis of alkyne functional cyclic polymers by one-pot thiol-ene cyclization. Polymer Chemistry, 2013, 4, 2080.	1.9	47

#	ARTICLE	IF	CITATIONS
19	Controlled grafting of poly(vinyl acetate) onto starch via RAFT polymerization. Journal of Applied Polymer Science, 2012, 124, 3450-3455.	1.3	33