

Derong Lu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5759373/publications.pdf>

Version: 2024-02-01

19
papers

639
citations

687363

13
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

947
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer Electrolyte Glue: A Universal Interfacial Modification Strategy for All-Solid-State Li Batteries. <i>Nano Letters</i> , 2019, 19, 2343-2349.	9.1	105
2	Ultrathin Aramid/COF Heterolayered Membrane for Solid-State Li-Metal Batteries. <i>Nano Letters</i> , 2020, 20, 8120-8126.	9.1	63
3	Building Lithiophilic Ion-Conduction Highways on Garnet-Type Solid-State Li ⁺ Conductors. <i>Advanced Energy Materials</i> , 2020, 10, 1904230.	19.5	62
4	Glass Transition Temperature of Cyclic Stars. <i>ACS Macro Letters</i> , 2014, 3, 1254-1257.	4.8	55
5	Synthesis of alkyne functional cyclic polymers by one-pot thiol-ene cyclization. <i>Polymer Chemistry</i> , 2013, 4, 2080.	3.9	47
6	A Self-Assembled Plasmonic Substrate for Enhanced Fluorescence Resonance Energy Transfer. <i>Advanced Materials</i> , 2020, 32, e1906475.	21.0	45
7	Metabolic Labeling Mediated Targeting and Thermal Killing of Gram-Positive Bacteria by Self-Reporting Janus Magnetic Nanoparticles. <i>Small</i> , 2021, 17, e2006357.	10.0	40
8	One-Pot Orthogonal Copper-Catalyzed Synthesis and Self-Assembly of L-Lysine-Decorated Polymeric Dendrimers. <i>Macromolecules</i> , 2015, 48, 1688-1702.	4.8	34
9	Controlled grafting of poly(vinyl acetate) onto starch via RAFT polymerization. <i>Journal of Applied Polymer Science</i> , 2012, 124, 3450-3455.	2.6	33
10	How Prussian Blue Analogues Can Be Stable in Concentrated Aqueous Electrolytes. <i>ACS Energy Letters</i> , 2022, 7, 1672-1678.	17.4	32
11	Influence of Constraints within a Cyclic Polymer on Solution Properties. <i>Biomacromolecules</i> , 2018, 19, 616-625.	5.4	30
12	Functional Macromolecule-Enabled Colloidal Synthesis: From Nanoparticle Engineering to Multifunctionality. <i>Advanced Materials</i> , 2019, 31, e1902733.	21.0	25
13	Magnetic nanochains-based dynamic ELISA for rapid and ultrasensitive detection of acute myocardial infarction biomarkers. <i>Analytica Chimica Acta</i> , 2021, 1166, 338567.	5.4	22
14	Polymeric Sulfur as a Li Ion Conductor. <i>Nano Letters</i> , 2020, 20, 2191-2196.	9.1	15
15	Self-Assembly of Polymer-Coated Plasmonic Nanocrystals: From Synthetic Approaches to Practical Applications. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800613.	3.9	11
16	Self-Activation Enables Cationic and Anionic Co-Storage in Organic Frameworks. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	11
17	Peptidomimetic Star Polymers for Targeting Biological Ion Channels. <i>PLoS ONE</i> , 2016, 11, e0152169.	2.5	5
18	Caging Cationic Polymer Brush-Coated Plasmonic Nanostructures for Traceable Selective Antimicrobial Activities. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100812.	3.9	4

#	ARTICLE	IF	CITATIONS
19	Polymer-Enabled Self-Assembly of Plasmonic Nanostructures. , 2022, , 127-182.		0