

Yivan Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

955
citations

623734

14
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1241
citing authors

#	ARTICLE	IF	CITATIONS
1	Iterative exponential growth of stereo- and sequence-controlled polymers. <i>Nature Chemistry</i> , 2015, 7, 810-815.	13.6	296
2	Nitroxide-Based Macromolecular Contrast Agents with Unprecedented Transverse Relaxivity and Stability for Magnetic Resonance Imaging of Tumors. <i>ACS Central Science</i> , 2017, 3, 800-811.	11.3	126
3	Iterative Exponential Growth Synthesis and Assembly of Uniform Diblock Copolymers. <i>Journal of the American Chemical Society</i> , 2016, 138, 9369-9372.	13.7	107
4	Stereochemical Sequence Dictates Unimolecular Diblock Copolymer Assembly. <i>Journal of the American Chemical Society</i> , 2018, 140, 1596-1599.	13.7	61
5	Triply Loaded Nitroxide Brush-Arm Star Polymers Enable Metal-Free Millimetric Tumor Detection by Magnetic Resonance Imaging. <i>ACS Nano</i> , 2018, 12, 11343-11354.	14.6	56
6	The evolution of cyclopropenium ions into functional polyelectrolytes. <i>Nature Communications</i> , 2015, 6, 5950.	12.8	54
7	Clickable Poly(ionic liquids): A Materials Platform for Transfection. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12382-12386.	13.8	47
8	Bottlebrush polymers with flexible enantiomeric side chains display differential biological properties. <i>Nature Chemistry</i> , 2022, 14, 85-93.	13.6	43
9	Scalable Synthesis of Multivalent Macromonomers for ROMP. <i>ACS Macro Letters</i> , 2018, 7, 472-476.	4.8	42
10	Synthetic Glycomacromolecules of Defined Valency, Absolute Configuration, and Topology Distinguish between Human Lectins. <i>Jacs Au</i> , 2021, 1, 1621-1630.	7.9	23
11	Brush-First ROMP of poly(ethylene oxide) macromonomers of varied length: impact of polymer architecture on thermal behavior and Li ⁺ conductivity. <i>Journal of Polymer Science Part A</i> , 2019, 57, 448-455.	2.3	22
12	Pro-organic radical contrast agents (pro-ORCA) for real-time MRI of pro-drug activation in biological systems. <i>Polymer Chemistry</i> , 2020, 11, 4768-4779.	3.9	20
13	Synthesis of Robust Surface-Charged Nanoparticles Based on Cyclopropenium Ions. <i>Macromolecules</i> , 2015, 48, 2519-2525.	4.8	16
14	Quantitative Mapping of Molecular Substituents to Macroscopic Properties Enables Predictive Design of Oligoethylene Glycol-Based Lithium Electrolytes. <i>ACS Central Science</i> , 2020, 6, 1115-1128.	11.3	15
15	Clickable Poly(ionic liquids): A Materials Platform for Transfection. <i>Angewandte Chemie</i> , 2016, 128, 12570-12574.	2.0	4