

Nianchen Zhou

List of Publications by Year in descending order

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14
papers

385
citations

933447

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14
times ranked

420
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining Orthogonal Chain-End Deprotections and Thiol-Maleimide Michael Coupling: Engineering Discrete Oligomers by an Iterative Growth Strategy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13612-13617.	13.8	97
2	Binary tree-inspired digital dendrimer. <i>Nature Communications</i> , 2019, 10, 1918.	12.8	81
3	Design and synthesis of a novel azobenzene-containing polymer both in the main- and side-chain toward unique photocontrolled isomerization properties. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1112-1118.	5.9	36
4	Light-driven and aggregation-induced emission from side-chain azoindazole polymers. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4911-4920.	2.3	31
5	Novel fluorescent amphiphilic copolymer probes containing azo-tetraphenylethylene bridges for azoreductase-triggered release. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1097-1104.	5.9	28
6	Photoresponsive Amphiphilic Macrocycles Containing Main-Chain Azobenzene Polymers. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1341-1347.	3.9	24
7	Smart azobenzene-containing tubular polymersomes: fabrication and multiple morphological tuning. <i>Chemical Communications</i> , 2020, 56, 6237-6240.	4.1	21
8	Novel cyclic azobenzene-containing vesicles: photo/reductant responsiveness and potential applications in colon disease treatment. <i>RSC Advances</i> , 2016, 6, 58755-58763.	3.6	18
9	Molecularly-defined macrocycles containing azobenzene main-chain oligomers: modular stepwise synthesis, chain-length and topology-dependent properties. <i>Polymer Chemistry</i> , 2016, 7, 2645-2651.	3.9	18
10	Impact of cyclic topology: odd-even glass transition temperatures and fluorescence quantum yields in molecularly-defined macrocycles. <i>Polymer Chemistry</i> , 2017, 8, 2686-2692.	3.9	12
11	Synthesis of Discrete Conjugated Fluorene-Azo Oligomers for the Investigation of Azobenzene Position-Dependent Physical Properties and Photoresponsive Behavior. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100092.	2.2	8
12	Smart supramolecular nanofibers and nanoribbons from uniform amphiphilic azobenzene oligomers. <i>Chemical Communications</i> , 2021, 57, 2192-2195.	4.1	6
13	Novel Near-Infrared Fluorescent Nanoprobe Synthesized by the RAFT-Mediated PISA Strategy for Hypoxia-Triggered Tumor Imaging and Azoreductase-Responsive Drug Release. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	2.2	4
14	A Consequence of Dispersity on the Self-Assembly of Amphiphilic Homopolymers Containing Main-Chain Azobenzene. <i>Macromolecular Chemistry and Physics</i> , 0, , 2100202.	2.2	1