

Hao Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Supramolecular topology controlled self-healing conformal hydrogels for stable human-machine interfaces. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8077-8088.	2.7	16
2	Control Viscoelasticity of Polymer Networks with Crosslinks of Superposed Fast and Slow Dynamics. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22332-22338.	7.2	28
3	Control Viscoelasticity of Polymer Networks with Crosslinks of Superposed Fast and Slow Dynamics. <i>Angewandte Chemie</i> , 2021, 133, 22506-22512.	1.6	4
4	Control Viscoelasticity of Polymer Networks with Crosslinks of Superposed Fast and Slow Dynamics (<i>Angew. Chem.</i> 41/2021). <i>Angewandte Chemie</i> , 2021, 133, 22768-22768.	1.6	0
5	Host-Guest Interactions between Oxaliplatin and Cucurbit[7]uril/Cucurbit[7]uril Derivatives under Pseudo-Physiological Conditions. <i>Langmuir</i> , 2020, 36, 1235-1240.	1.6	23
6	Hexanoate-Cucurbit[7]uril: Highly Soluble with Controlled Release Ability. <i>Chemistry - A European Journal</i> , 2020, 26, 9445-9448.	1.7	11
7	Dual-cross-linked dynamic hydrogels with cucurbit[8]uril and imine linkages. <i>Soft Matter</i> , 2019, 15, 9797-9804.	1.2	16
8	Supramolecular polymeric chemotherapy based on cucurbit[7]uril-PEG copolymer. <i>Biomaterials</i> , 2018, 178, 697-705.	5.7	74
9	Supramolecularly Catalyzed Polymerization: From Consecutive Dimerization to Polymerization. <i>Angewandte Chemie</i> , 2018, 130, 8681-8685.	1.6	14
10	Supramolecularly Catalyzed Polymerization: From Consecutive Dimerization to Polymerization. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8545-8549.	7.2	80
11	Differences between the Interactions of Linear and Tetrahedron-like Ditopic Guests with Cucurbit[8]uril: Steric Hindrance and Molecular Structure Play Dominant Roles. <i>Chemistry - an Asian Journal</i> , 2017, 12, 476-483.	1.7	3
12	Supramolecular Polymerization Controlled through Kinetic Trapping. <i>Angewandte Chemie</i> , 2017, 129, 16802-16805.	1.6	16
13	Thermal responsiveness and binding affinity of cucurbit[7]uril terminal poly(<i>N</i> -isopropylacrylamide). <i>New Journal of Chemistry</i> , 2017, 41, 14831-14834.	1.4	1
14	Supramolecular Polymerization Controlled through Kinetic Trapping. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16575-16578.	7.2	64
15	Controlled gelation kinetics of cucurbit[7]uril-adamantane cross-linked supramolecular hydrogels with competing guest molecules. <i>Scientific Reports</i> , 2016, 6, 20722.	1.6	36
16	Tuning thermal gelling behavior of N-isopropylacrylamide based copolymer through introducing cucurbit[8]uril ternary complex on side-chain. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016, 34, 1251-1260.	2.0	8
17	An <i>in-water</i> halogen-ion compatible click-catalyst for cucurbituril guest ligation. <i>Supramolecular Chemistry</i> , 2016, 28, 801-809.	1.5	10
18	Aggregation and thermal gelation of N-isopropylacrylamide based cucurbit[7]uril side-chain poly(pseudorotaxanes) with low pseudorotaxane content. <i>RSC Advances</i> , 2015, 5, 20684-20690.	1.7	10

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19	Synthesis of linear cucurbit[7]uril pendent copolymers through radical polymerization: Polymers with ultra-high binding affinity. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1748-1752.	2.5	13
20	A supramolecular switch based on three binding states of a pyrene derivate: a reversible three-state switch with only two stimuli. <i>RSC Advances</i> , 2013, 3, 13311.	1.7	13
21	Synthesis, characterisation and properties of star polypseudorotaxanes with cucurbit[7]uril. <i>Supramolecular Chemistry</i> , 2012, 24, 833-840.	1.5	3