Jianzhuang Chen

List of Publications by Year in descending order

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40 papers	4,792 citations	236925 25 h-index	265206 42 g-index
42 all docs	42 docs citations	42 times ranked	4462 citing authors

#	Article	IF	Citations
1	Polyacrylic acid-b-polystyrene-passivated CsPbBr₃ perovskite quantum dots with high photoluminescence quantum yield for light-emitting diodes. Chemical Communications, 2022, 58, 4235-4238.	4.1	10
2	Photoinduced Contraction Fibers and Photoswitchable Adhesives Generated by Stretchable Supramolecular Gel. Advanced Functional Materials, 2022, 32, .	14.9	4
3	Fabrication of Polypseudorotaxane-Based Responsive Film via Breath Figure Method. Acta Chimica Sinica, 2021, 79, 803.	1.4	1
4	A Stretchable Pillararene-Containing Supramolecular Polymeric Material with Self-Healing Property. Molecules, 2021, 26, 2191.	3.8	7
5	Photoresponsive Superhydrophobic Membrane Crosslinked by Bipedal Pillararenes with Patterned Wettability. Advanced Materials Interfaces, 2021, 8, 2101627.	3.7	5
6	GSH/pH dual-responsive supramolecular hybrid vesicles for synergistic enzymatic/chemo-tumor therapy. Applied Materials Today, 2020, 18, 100458.	4.3	8
7	Pillararene-based supramolecular membranes with the rose-petal effect and nanostructure-modulated tunable water adhesion. Journal of Materials Chemistry A, 2020, 8, 10917-10924.	10.3	12
8	Gradient Redox-Responsive and Two-Stage Rocket-Mimetic Drug Delivery System for Improved Tumor Accumulation and Safe Chemotherapy. Nano Letters, 2019, 19, 8690-8700.	9.1	60
9	Biodegradable organosilica magnetic micelles for magnetically targeted MRI and GSH-triggered tumor chemotherapy. Biomaterials Science, 2019, 7, 2951-2960.	5.4	28
10	Synthesis of a Pillar[5]arene-Based Polyrotaxane for Enhancing the Drug Loading Capacity of PCL-Based Supramolecular Amphiphile as an Excellent Drug Delivery Platform. Biomacromolecules, 2018, 19, 2923-2930.	5.4	33
11	Supramolecular-based PEGylated magnetic hybrid vesicles with ultra-high transverse relaxivity. Applied Materials Today, 2018, 11, 238-245.	4.3	11
12	Preparation and Directional Photomanipulation of Azobenzene Containing Supramolecular Polymer Ordered Porous Film. Chinese Journal of Organic Chemistry, 2018, 38, 2161.	1.3	2
13	Morphology Evolution and Spatially Selective Functionalization of Hierarchically Porous Silica Nanospheres for Improved Multidrug Delivery. Chemistry of Materials, 2017, 29, 10377-10385.	6.7	17
14	Multi-stimuli responsive supramolecular polymers and their electrospun nanofibers. Polymer Chemistry, 2016, 7, 2947-2954.	3.9	20
15	Heteroatomic Se_nS_{8â€“n} Molecules Confined in Nitrogen-Doped Mesoporous Carbons as Reversible Cathode Materials for High-Performance Lithium Batteries. ACS Nano, 2016, 10, 8289-8298.	14.6	93
16	A Dual-Thermoresponsive Gemini-Type Supra-amphiphilic Macromolecular [3]Pseudorotaxane Based on Pillar[10]arene/Paraquat Cooperative Complexation. Journal of the American Chemical Society, 2016, 138, 3168-3174.	13.7	162
17	Post-synthesis pore expansion of mesoporous silica SBA-15 in the organic template removal via solvothermal treatment. Science Bulletin, 2015, 60, 1019-1025.	9.0	2
18	Melamine-assisted one-pot synthesis of hierarchical nitrogen-doped carbon@MoS₂ nanowalled coreâ€“shell microspheres and their enhanced Li-storage performances. Nanoscale, 2015, 7, 13043-13050.	5.6	35

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19	One-pot synthesis of magnetite-loaded dual-mesoporous silica spheres for T2-weighted magnetic resonance imaging and drug delivery. RSC Advances, 2015, 5, 39719-39725.	3.6	2
20	Multifunctional gold nanostar-based nanocomposite: Synthesis and application for noninvasive MR-SERS imaging-guided photothermal ablation. Biomaterials, 2015, 60, 31-41.	11.4	89
21	Dual-responsive polypseudorotaxanes based on block-selected inclusion between polyethylene-block-poly(ethylene glycol) diblock copolymers and 1,4-diethoxypillar[5]arene. Soft Matter, 2015, 11, 7835-7840.	2.7	13
22	pH-Responsive Supramolecular Control of Polymer Thermoresponsive Behavior by Pillararene-Based Hostâ€“Guest Interactions. ACS Macro Letters, 2014, 3, 110-113.	4.8	87
23	A Miscible and Adaptive Poly(methyl acrylate)/Polystyrene Blend Formed by Multipleâ€Responsive Hostâ€“Guest Interactions. Macromolecular Chemistry and Physics, 2014, 215, 536-543.	2.2	18
24	A self-healing supramolecular polymer gel with stimuli-responsiveness constructed by crown ether based molecular recognition. Polymer Chemistry, 2013, 4, 3312.	3.9	129
25	Supramolecular polymers with tunable topologies via hierarchical coordination-driven self-assembly and hydrogen bonding interfaces. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15585-15590.	7.1	221
26	A pillar[5]arene-based anion responsive supramolecular polymer. RSC Advances, 2013, 3, 16089.	3.6	30
27	A water-soluble, shape-persistent, mouldable supramolecular polymer with redox-responsiveness in the presence of a molecular chaperone. Polymer Chemistry, 2013, 4, 2767.	3.9	18
28	A supramolecular polymer formed by the combination of crown ether-based and charge-transfer molecular recognition. Polymer Chemistry, 2013, 4, 882-886.	3.9	23
29	An Amphiphilic Pillar[5]arene: Synthesis, Controllable Self-Assembly in Water, and Application in Calcein Release and TNT Adsorption. Journal of the American Chemical Society, 2012, 134, 15712-15715.	13.7	399
30	Supramolecular Micelles Constructed by Crown Ether-Based Molecular Recognition. Macromolecules, 2012, 45, 6457-6463.	4.8	71
31	Adjustable supramolecular polymer microstructures fabricated by the breath figure method. Polymer Chemistry, 2012, 3, 458-462.	3.9	65
32	Pillar[6]arene-Based Photoresponsive Hostâ€“Guest Complexation. Journal of the American Chemical Society, 2012, 134, 8711-8717.	13.7	446
33	Dual-responsive crown ether-based supramolecular chain extended polymers. Polymer Chemistry, 2012, 3, 3175.	3.9	30
34	Selfâ€Healing Supramolecular Gels Formed by Crown Ether Based Hostâ€“Guest Interactions. Angewandte Chemie - International Edition, 2012, 51, 7011-7015.	13.8	666
35	A Supramolecular Polymer Blend Containing Two Different Supramolecular Polymers through Selfâ€Sorting Organization of Two Heteroditopic Monomers. Chemistry - A European Journal, 2012, 18, 4195-4199.	3.3	44
36	A Multiresponsive, Shapeâ€Persistent, and Elastic Supramolecular Polymer Network Gel Constructed by Orthogonal Selfâ€Assembly. Advanced Materials, 2012, 24, 362-369.	21.0	667

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37	Supramolecular polymer nanofibers via electrospinning of a heteroditopic monomer. Chemical Communications, 2011, 47, 7086.	4.1	131
38	Preparation of a Daisy Chain via Threading-Followed-by-Polymerization. Macromolecules, 2011, 44, 9629-9634.	4.8	59
39	Formation of Linear Supramolecular Polymers That Is Driven by Cï£¿Hâ‹…â‹…â‹…Ï€ Interactions in Solution and in the Solid State. Angewandte Chemie - International Edition, 2011, 50, 1397-1401.	13.8	687
40	A hyperbranched, rotaxaneâ€type mechanically interlocked polymer. Journal of Polymer Science Part A, 2010, 48, 4067-4073.	2.3	65