

Wen-Jian Zhang

List of Publications by Year in descending order

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34
papers

1,228
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430874

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times ranked

975
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymerization-Induced Self-Assembly of Functionalized Block Copolymer Nanoparticles and Their Application in Drug Delivery. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800279.	3.9	189
2	Fabrication of Spaced Concentric Vesicles and Polymerizations in RAFT Dispersion Polymerization. <i>Macromolecules</i> , 2014, 47, 1664-1671.	4.8	89
3	Fabrication of Reductive-Responsive Prodrug Nanoparticles with Superior Structural Stability by Polymerization-Induced Self-Assembly and Functional Nanoscopic Platform for Drug Delivery. <i>Biomacromolecules</i> , 2016, 17, 2992-2999.	5.4	85
4	Formation of Hexagonally Packed Hollow Hoops and Morphology Transition in RAFT Ethanol Dispersion Polymerization. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1428-1436.	3.9	79
5	Efficient Fabrication of Photosensitive Polymeric Nano-objects via an Ingenious Formulation of RAFT Dispersion Polymerization and Their Application for Drug Delivery. <i>Biomacromolecules</i> , 2017, 18, 1210-1217.	5.4	79
6	pH- and Reductant-Responsive Polymeric Vesicles with Robust Membrane-Cross-Linked Structures: In Situ Cross-Linking in Polymerization-Induced Self-Assembly. <i>Macromolecules</i> , 2019, 52, 1140-1149.	4.8	75
7	Promotion of morphology transition of di-block copolymer nano-objects via RAFT dispersion copolymerization. <i>Polymer Chemistry</i> , 2016, 7, 3259-3267.	3.9	60
8	Polymerization-Induced Self-Assembly Generating Vesicles with Adjustable pH-Responsive Release Performance. <i>Macromolecules</i> , 2019, 52, 1965-1975.	4.8	60
9	Artificially Smart Vesicles with Superior Structural Stability: Fabrication, Characterizations, and Transmembrane Traffic. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15086-15095.	8.0	47
10	Fabrication and characterization of silica nanotubes with controlled dimensions. <i>Journal of Materials Chemistry A</i> , 2014, 2, 7819.	10.3	44
11	Three New Structural Types of Mo/Ag/S Polymeric Complexes. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2520-2521.	13.8	40
12	Rhodanine-based Knoevenagel reaction and ring-opening polymerization for efficiently constructing multicyclic polymers. <i>Nature Communications</i> , 2020, 11, 3654.	12.8	36
13	Polymerization-induced self-assembly for the fabrication of polymeric nano-objects with enhanced structural stability by cross-linking. <i>Polymer Chemistry</i> , 2020, 11, 3654-3672.	3.9	36
14	Polymerization-Induced Self-Assembly to Produce Prodrug Nanoparticles with Reduction-Responsive Camptothecin Release and pH-Responsive Charge-Reversible Property. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000260.	3.9	25
15	Photo-responsive camptothecin-based polymeric prodrug coated silver nanoparticles for drug release behaviour tracking via the nanomaterial surface energy transfer (NSET) effect. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1678-1687.	5.8	23
16	Preparation of pH- and reductive-responsive prodrug nanoparticles via polymerization-induced self-assembly. <i>Science China Chemistry</i> , 2018, 61, 1159-1166.	8.2	23
17	Polymer Nanofibers Exhibiting Remarkable Activity in Driving the Living Polymerization under Visible Light and Reusability. <i>Advanced Science</i> , 2020, 7, 1902451.	11.2	22
18	Polymerization-Induced Self-Assembly Driven by the Synergistic Effects of Aromatic and Solvophobic Interactions. <i>Macromolecules</i> , 2021, 54, 2729-2739.	4.8	22

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19	Hybrid copolymerization <i>via</i> mechanism interconversion between radical vinyl-addition and anion ring-opening polymerization. <i>Polymer Chemistry</i> , 2019, 10, 2117-2125.	3.9	21
20	Fabrication of Electrospinning Fibers from Spiropyran-Based Polymeric Nanowires and their Photochromic Properties. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2445-2453.	2.2	18
21	Mitochondria-targeted delivery and light controlled release of iron prodrug and CO to enhance cancer therapy by ferroptosis. <i>New Journal of Chemistry</i> , 2020, 44, 3478-3486.	2.8	18
22	A unique fabrication strategy of hierarchical morphologies: combination of multi-step self-assembling and morphology transition. <i>RSC Advances</i> , 2015, 5, 42637-42644.	3.6	17
23	Photopolymerization performed under dark conditions using long-stored electrons in carbon nitride. <i>Materials Horizons</i> , 2021, 8, 2018-2024.	12.2	15
24	Stable Black Phosphorus Nanosheets Exhibiting High Tumor-Accumulating and Mitochondria-Targeting for Efficient Photothermal Therapy via Double Functionalization. <i>ACS Applied Bio Materials</i> , 2020, 3, 1176-1186.	4.6	14
25	SYNTHESES AND STRUCTURES OF [Et ₄ N] ₂ [Sn(DMIT) ₃] AND [Pb(DMIT)(DMF)] _n (DMIT = 2-THIOXO-1,3-DITHIOLE-4,5-DITHIOLATO). <i>Journal of Coordination Chemistry</i> , 1999, 48, 113-123.	2.2	12
26	Template-Directed Fabrication of Anatase TiO ₂ Hollow Nanoparticles and Their Application in Photocatalytic Degradation of Methyl Orange. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1016-1022.	4.9	12
27	<i>In situ</i> cross-linking polymerization-induced self-assembly not only generates cross-linked structures but also promotes morphology transition by the cross-linker. <i>Polymer Chemistry</i> , 2021, 12, 1768-1775.	3.9	12
28	Single nanosheet can sustainably generate oxygen and inhibit respiration simultaneously in cancer cells. <i>Materials Horizons</i> , 2021, 8, 597-605.	12.2	10
29	Synchronous Synthesis of Polymeric Vesicles with Controllable Size and Low Polydispersity by Polymerization-Induced Self-Assembly. <i>Chinese Journal of Chemistry</i> , 2022, 40, 453-459.	4.9	9
30	RAFT dispersion copolymerization of styrene and N-methacryloxysuccinimide: Promoted morphology transition and post-polymerization cross-linking. <i>Polymer</i> , 2021, 221, 123589.	3.8	8
31	Multi-responsive Hyperbranched Star Copolymer: Synthesis, Self-assembly and Controlled Release. <i>Acta Chimica Sinica</i> , 2012, 70, 1690.	1.4	8
32	Hybrid copolymerization of acrylate and thiirane monomers mediated by trithiocarbonate. <i>Polymer Chemistry</i> , 2022, 13, 402-410.	3.9	8
33	Influence of solvent on the RAFT-mediated polymerization of benzyl methacrylate (BzMA) and how to overcome the thermodynamic/kinetic limitation of morphology evolution during polymerization-induced self-assembly. <i>Polymer Chemistry</i> , 2022, 13, 3696-3704.	3.9	3
34	Cu(I) and Cu(II) helical complexes formed with oligobipyridine ligand. <i>Science in China Series B: Chemistry</i> , 1999, 42, 501-510.	0.8	1