

# Wen-Jian Zhang

## List of Publications by Year in descending order

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34  
papers

1,228  
citations

430874

18  
h-index

377865

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36  
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36  
docs citations

36  
times ranked

975  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synchronous Synthesis of Polymeric Vesicles with Controllable Size and Low Polydispersity by Polymerization-Induced Self-Assembly. Chinese Journal of Chemistry, 2022, 40, 453-459.	4.9	9
2	Hybrid copolymerization of acrylate and thirane monomers mediated by trithiocarbonate. Polymer Chemistry, 2022, 13, 402-410.	3.9	8
3	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. Polymer Chemistry, 2022, 13, 3696-3704.	3.9	3
4	Single nanosheet can sustainably generate oxygen and inhibit respiration simultaneously in cancer cells. Materials Horizons, 2021, 8, 597-605.	12.2	10
5	<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. Polymer Chemistry, 2021, 12, 1768-1775.	3.9	12
6	Photopolymerization performed under dark conditions using long-stored electrons in carbon nitride. Materials Horizons, 2021, 8, 2018-2024.	12.2	15
7	Polymerization-Induced Self-Assembly Driven by the Synergistic Effects of Aromatic and Solvophobic Interactions. Macromolecules, 2021, 54, 2729-2739.	4.8	22
8	RAFT dispersion copolymerization of styrene and N-methacryloxysuccinimide: Promoted morphology transition and post-polymerization cross-linking. Polymer, 2021, 221, 123589.	3.8	8
9	Stable Black Phosphorus Nanosheets Exhibiting High Tumor-Accumulating and Mitochondria-Targeting for Efficient Photothermal Therapy via Double Functionalization. ACS Applied Bio Materials, 2020, 3, 1176-1186.	4.6	14
10	Rhodanine-based Knoevenagel reaction and ring-opening polymerization for efficiently constructing multicyclic polymers. Nature Communications, 2020, 11, 3654.	12.8	36
11	Polymerization-induced self-assembly for the fabrication of polymeric nano-objects with enhanced structural stability by cross-linking. Polymer Chemistry, 2020, 11, 3654-3672.	3.9	36
12	Polymerization-Induced Self-Assembly to Produce Prodrug Nanoparticles with Reduction-Responsive Camptothecin Release and pH-Responsive Charge-Reversible Property. Macromolecular Rapid Communications, 2020, 41, e2000260.	3.9	25
13	Polymer Nanofibers Exhibiting Remarkable Activity in Driving the Living Polymerization under Visible Light and Reusability. Advanced Science, 2020, 7, 1902451.	11.2	22
14	Mitochondria-targeted delivery and light controlled release of iron prodrug and CO to enhance cancer therapy by ferroptosis. New Journal of Chemistry, 2020, 44, 3478-3486.	2.8	18
15	Polymerization-Induced Self-Assembly of Functionalized Block Copolymer Nanoparticles and Their Application in Drug Delivery. Macromolecular Rapid Communications, 2019, 40, e1800279.	3.9	189
16	pH- and Reductant-Responsive Polymeric Vesicles with Robust Membrane-Cross-Linked Structures: In Situ Cross-Linking in Polymerization-Induced Self-Assembly. Macromolecules, 2019, 52, 1140-1149.	4.8	75
17	Hybrid copolymerization <i>via</i> mechanism interconversion between radical vinyl-addition and anion ring-opening polymerization. Polymer Chemistry, 2019, 10, 2117-2125.	3.9	21
18	Polymerization-Induced Self-Assembly Generating Vesicles with Adjustable pH-Responsive Release Performance. Macromolecules, 2019, 52, 1965-1975.	4.8	60

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19	Photo-responsive camptothecin-based polymeric prodrug coated silver nanoparticles for drug release behaviour tracking <i>via</i> the nanomaterial surface energy transfer (NSET) effect. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1678-1687.	5.8	23
20	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
21	Artificially Smart Vesicles with Superior Structural Stability: Fabrication, Characterizations, and Transmembrane Traffic. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 15086-15095.	8.0	47
22	Template-Directed Fabrication of Anatase $\text{TiO}_2$ Hollow Nanoparticles and Their Application in Photocatalytic Degradation of Methyl Orange. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1016-1022.	4.9	12
23	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
24	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
25	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
26	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
27	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
28	Fabrication and characterization of silica nanotubes with controlled dimensions. <i>Journal of Materials Chemistry A</i> , 2014, 2, 7819.	10.3	44
29	Fabrication of Spaced Concentric Vesicles and Polymerizations in RAFT Dispersion Polymerization. <i>Macromolecules</i> , 2014, 47, 1664-1671.	4.8	89
30	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
31	Multi-responsive Hyperbranched Star Copolymer: Synthesis, Self-assembly and Controlled Release. <i>Acta Chimica Sinica</i> , 2012, 70, 1690.	1.4	8
32	SYNTHESES AND STRUCTURES OF $[\text{Et}_4\text{N}]_2[\text{Sn}(\text{DMIT})_3]$ AND $[\text{Pb}(\text{DMIT})(\text{DMF})_n]$ (DMIT = 2-THIOXO-1,3-DITHIOLE-4,5-DITHIOLATO). <i>Journal of Coordination Chemistry</i> , 1999, 48, 113-123.	2.2	12
33	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
34	Three New Structural Types of Mo/Ag/S Polymeric Complexes. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2520-2521.	13.8	40