

# Hui Zou

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Amphiphilic ethyl cellulose brush polymers with mono and dual side chains: Facile synthesis, self-assembly, and tunable temperature-pH responsivities. <i>Polymer</i> , 2012, 53, 956-966.	1.8	57
2	Temperature- and redox-responsive magnetic complex micelles for controlled drug release. <i>Journal of Materials Chemistry B</i> , 2015, 3, 260-269.	2.9	45
3	Supramolecular amphiphilic star-branched copolymer: from LCST to UCST transition to temperature-responsive fluorescence responses. <i>Journal of Materials Chemistry</i> , 2012, 22, 24783.	6.7	42
4	Supramolecular micelles with dual temperature and redox responses for multi-controlled drug release. <i>Polymer Chemistry</i> , 2013, 4, 2658.	1.9	33
5	Formation and dissociation of glucose, pH and redox triply responsive micelles and controlled release of insulin. <i>Polymer Chemistry</i> , 2014, 5, 3968.	1.9	33
6	Supramolecular hydrogels from inclusion complexation of $\beta$ -cyclodextrin with densely grafted chains in micelles for controlled drug and protein release. <i>Journal of Materials Chemistry B</i> , 2013, 1, 6235.	2.9	32
7	Chiral Recognition and Resolution Based on Helical Polymers. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2021, 39, 1521-1527.	2.0	31
8	Polymerization Amplified Stereoselectivity (PASS) of Asymmetric Michael Addition Reaction and Aldol Reaction Catalyzed by Helical Poly(phenyl isocyanide) Bearing Secondary Amine Pendants. <i>Macromolecules</i> , 2018, 51, 9547-9554.	2.2	30
9	Triple stimuli-responsive supramolecular assemblies based on host-guest inclusion complexation between $\beta$ -cyclodextrin and azobenzene. <i>European Polymer Journal</i> , 2017, 91, 396-407.	2.6	29
10	UV light- and thermo-responsive supramolecular aggregates with tunable morphologies from the inclusion complexation of dendritic/linear polymers. <i>Chemical Communications</i> , 2017, 53, 2463-2466.	2.2	27
11	UV light- and thermo-responsive hierarchical assemblies based on the inclusion complexation of $\beta$ -cyclodextrin and azobenzene. <i>Polymer Chemistry</i> , 2017, 8, 661-665.	1.9	27
12	CO <sub>2</sub> - and thermo-responsive vesicles: from expansion to contraction transformation to vesicles-micelles transition. <i>Polymer Chemistry</i> , 2015, 6, 2457-2465.	1.9	26
13	A Facile Synthetic Route to Multifunctional Poly(3-hexylthiophene)- <i>b</i> -poly(phenyl isocyanide) Copolymers: From Aggregation-Induced Emission to Controlled Helicity. <i>Macromolecules</i> , 2018, 51, 7546-7555.	2.2	25
14	Amphiphilic graft copolymers with ethyl cellulose backbone: Synthesis, self-assembly and tunable temperature-CO <sub>2</sub> response. <i>Carbohydrate Polymers</i> , 2016, 136, 216-223.	5.1	24
15	Tunable thermo-, pH- and light-responsive copolymer micelles. <i>Polymer Chemistry</i> , 2013, 4, 3934.	1.9	23
16	Preparation of POSS-poly( $\epsilon$ -caprolactone)- $\beta$ -cyclodextrin/Fe <sub>3</sub> O <sub>4</sub> hybrid magnetic micelles for removal of bisphenol A from water. <i>Carbohydrate Polymers</i> , 2014, 113, 353-361.	5.1	22
17	Enhanced laser marking of polypropylene induced by core-shell ATO@PI laser-sensitive composite. <i>Polymer Degradation and Stability</i> , 2019, 167, 77-85.	2.7	22
18	Controlled Synthesis of Densely Grafted Bottlebrushes That Bear Helical Polyisocyanide Side Chains on Polyisocyanide Backbones and Exhibit Greatly Increased Viscosity. <i>Macromolecules</i> , 2020, 53, 3224-3233.	2.2	22

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19	Amphiphilic block copolymer terminated with pyrene group: from switchable CO <sub>2</sub> -temperature dual responses to tunable fluorescence. RSC Advances, 2015, 5, 13145-13152.	1.7	20
20	Synthesis, Self-Assembly, and Properties of Homoarm and Heteroarm Star-Shaped Inorganic-Organic Hybrid Polymers with a POSS Core. Macromolecular Chemistry and Physics, 2013, 214, 1580-1589.	1.1	18
21	Bottlebrush Polymers Based on RAFT and the $\text{CuCl}$ -Polymerization Method: Controlled Synthesis and Application in Anticancer Drug Delivery. ACS Macro Letters, 2022, 11, 179-185.	2.3	18
22	Functional micelles formed from glucose-, thermo- and pH-triple responsive copolymers for controlled release. Polymer Chemistry, 2017, 8, 4869-4877.	1.9	15
23	Synthesis, crystalline morphologies, self-assembly, and properties of H-shaped amphiphilic dually responsive terpolymers. Journal of Polymer Science Part A, 2012, 50, 2541-2552.	2.5	13
24	Synthesis, Self-Assembly, and Multi-Stimuli Responses of a Supramolecular Block Copolymer. Macromolecular Rapid Communications, 2014, 35, 1776-1781.	2.0	13
25	Thermo- and glucose-responsive micelles self-assembled from phenylborate ester-containing brush block copolymer for controlled release of insulin at physiological pH. RSC Advances, 2015, 5, 80264-80268.	1.7	12
26	Inhibitory effects of CuInS <sub>2</sub> and CdTe nanoparticles on macrophage cytokine production and phagocytosis in vitro. Enzyme and Microbial Technology, 2019, 127, 50-57.	1.6	11
27	POSS-based starlike hybrid helical poly(phenyl isocyanide)s: their synthesis, self-assembly, and enantioselective crystallization ability. Polymer Chemistry, 2021, 12, 3917-3924.	1.9	11
28	Environment-induced nanostructural dynamical-change based on supramolecular self-assembly of cyclodextrin and star-shaped poly(ethylene oxide) with polyhedral oligomeric silsesquioxane core. Polymer, 2013, 54, 5374-5381.	1.8	10
29	Enantiomer-selective Living Polymerization of rac-Phenyl Isocyanide Using Chiral Palladium Catalyst. Chinese Journal of Polymer Science (English Edition), 2018, 36, 799-804.	2.0	10
30	Synthesis of Cyclic Polyolefin: Ring-Opening Metathesis Polymerization by Binuclear Vanadium Complexes. Chinese Journal of Chemistry, 2021, 39, 1181-1187.	2.6	10
31	Synthesis of Optically Active Helical Polycarbenes through Helix-Sense-Selective Polymerization Strategy and Their Application in Chiral Separation. ACS Macro Letters, 2022, 11, 785-791.	2.3	9
32	Self-assembly and fluorescence emission of UV-responsive azobenzene-containing helical poly(phenyl) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	8
33	Recent Advances in Polyallenes: Preparation, Self-Assembly, and Stimuli-Responsiveness. Chemistry - an Asian Journal, 2021, 16, 3864-3872.	1.7	8
34	Synthesis and properties of CO <sub>2</sub> -responsive copolymer by the combination of reversible addition-fragmentation chain transfer polymerization and click chemistry. Polymer Bulletin, 2016, 73, 2199-2210.	1.7	7
35	Thermo- and redox-responsive dumbbell-shaped copolymers: from structure design to the LCST-UCST transition. Polymer Chemistry, 2020, 11, 830-842.	1.9	6
36	Design and synthesis of binuclear vanadium catalysts for copolymerization of ethylene and polar monomers. Polymer Chemistry, 2022, 13, 3876-3881.	1.9	6

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37	Facile Synthesis of Helical Rod-Coil Block Polymers by the Combination of ATRP and Pd(II)-Initiated Isocyanides Polymerizations. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800574.	1.1	4
38	Highly 2,3-selective polymerization of phenylallene and its derivatives by vanadium complexes. <i>Polymer Chemistry</i> , 2021, 12, 4244-4252.	1.9	4
39	pH-responsive amphiphilic H-shaped supramolecular copolymer via the inclusion complexation between $\beta$ -cyclodextrin and adamantane. <i>Polymer Bulletin</i> , 2013, 70, 2257-2267.	1.7	3
40	Synthesis of Dendrimer-Like Helical Poly(Phenyl Isocyanide)s Using Air-Stable Palladium Complexes with Double Arms. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000362.	1.1	3
41	Effect of vascular endothelial growth factor and its receptor KDR on human airway smooth muscle cells proliferation. <i>Chinese Medical Journal</i> , 2005, 118, 591-4.	0.9	3
42	Inducing enantioselective crystallization with and self-assembly of star-shaped hybrid polymers prepared via "grafting to" strategy. <i>Chirality</i> , 2021, , .	1.3	1