# Hui Zou

List of Publications by Year
in descending order



| 42 | 773 | 430754 | 552653 |
|---|---|---|---|
| papers | citations | 18 h-index | 26 g-index |

| 42 | 42 | 42 | 1084 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Bottlebrush Polymers Based on RAFT and the â€œC1â€•Polymerization Method: Controlled Synthesis and Application in Anticancer Drug Delivery. ACS Macro Letters, 2022, 11, 179-185. | 2.3 | 18 |
| 2 | 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 |
| 3 | Design and synthesis of binuclear vanadium catalysts for copolymerization of ethylene and polar monomers. Polymer Chemistry, 2022, 13, 3876-3881. | 1.9 | 6 |
| 4 | Highly 2,3-selective polymerization of phenylallene and its derivatives by vanadium complexes. Polymer Chemistry, 2021, 12, 4244-4252. | 1.9 | 4 |
| 5 | 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 |
| 6 | Synthesis of Cyclic Polyolefin: <scp>Ringâ€Opening</scp> Metathesis Polymerization by Binuclear Vanadium Complexes<sup>â€</sup>. Chinese Journal of Chemistry, 2021, 39, 1181-1187. | 2.6 | 10 |
| 7 | Chiral Recognition and Resolution Based on Helical Polymers. Chinese Journal of Polymer Science (English Edition), 2021, 39, 1521-1527. | 2.0 | 31 |
| 8 | Recent Advances in Polyallenes: Preparation, Selfâ€Assembly, and Stimuliâ€Responsiveness. Chemistry - an Asian Journal, 2021, 16, 3864-3872. | 1.7 | 8 |
| 9 | Inducing enantioselective crystallization with and selfâ€assembly of starâ€shaped hybrid polymers prepared via â€œgrafting toâ€•strategy. Chirality, 2021, , . | 1.3 | 1 |
| 10 | Thermo- and redox-responsive dumbbell-shaped copolymers: from structure design to the LCSTâ€“UCST transition. Polymer Chemistry, 2020, 11, 830-842. | 1.9 | 6 |
| 11 | Self-assembly and fluorescence emission of UV-responsive azobenzene-containing helical poly(phenyl) Tj ETQq1 1 0.784314 rgBT /Ov | 1.9 | 8 |
| 12 | Synthesis of Dendrimerâ€Like Helical Poly(Phenyl Isocyanide)s Using Airâ€Stable Palladium Complexes with Double Arms. Macromolecular Chemistry and Physics, 2020, 221, 2000362. | 1.1 | 3 |
| 13 | Controlled Synthesis of Densely Grafted Bottlebrushes That Bear Helical Polyisocyanide Side Chains on Polyisocyanide Backbones and Exhibit Greatly Increased Viscosity. Macromolecules, 2020, 53, 3224-3233. | 2.2 | 22 |
| 14 | Enhanced laser marking of polypropylene induced by â€œcore-shellâ€•ATO@PI laser-sensitive composite. Polymer Degradation and Stability, 2019, 167, 77-85. | 2.7 | 22 |
| 15 | Inhibitory effects of CuInS2 and CdTe nanoparticles on macrophage cytokine production and phagocytosis in vitro. Enzyme and Microbial Technology, 2019, 127, 50-57. | 1.6 | 11 |
| 16 | Facile Synthesis of Helical Rodâ€“Coil Block Polymers by the Combination of ATRP and Pd(II)â€Initiated Isocyanides Polymerizations. Macromolecular Chemistry and Physics, 2019, 220, 1800574. | 1.1 | 4 |
| 17 | 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 |
| 18 | Polymerization Amplified Stereoselectivity (PASS) of Asymmetric Michael Addition Reaction and Aldol Reaction Catalyzed by Helical Poly(phenyl isocyanide) Bearing Secondary Amine Pendants. Macromolecules, 2018, 51, 9547-9554. | 2.2 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A Facile Synthetic Route to Multifunctional Poly(3-hexylthiophene)-b-poly(phenyl isocyanide) Copolymers: From Aggregation-Induced Emission to Controlled Helicity. Macromolecules, 2018, 51, 7546-7555. | 2.2 | 25 |
| 20 | UV light- and thermo-responsive supramolecular aggregates with tunable morphologies from the inclusion complexation of dendritic/linear polymers. Chemical Communications, 2017, 53, 2463-2466. | 2.2 | 27 |
| 21 | Triple stimuli-responsive supramolecular assemblies based on host-guest inclusion complexation between Î²-cyclodextrin and azobenzene. European Polymer Journal, 2017, 91, 396-407. | 2.6 | 29 |
| 22 | UV light- and thermo-responsive hierarchical assemblies based on the inclusion complexation of Î²-cyclodextrin and azobenzene. Polymer Chemistry, 2017, 8, 661-665. | 1.9 | 27 |
| 23 | Functional micelles formed from glucose-, thermo- and pH-triple responsive copolymers for controlled release. Polymer Chemistry, 2017, 8, 4869-4877. | 1.9 | 15 |
| 24 | Synthesis and properties of CO2-responsive copolymer by the combination of reversible addition-fragmentation chain transfer polymerization and click chemistry. Polymer Bulletin, 2016, 73, 2199-2210. | 1.7 | 7 |
| 25 | Amphiphilic graft copolymers with ethyl cellulose backbone: Synthesis, self-assembly and tunable temperatureâ€“CO2 response. Carbohydrate Polymers, 2016, 136, 216-223. | 5.1 | 24 |
| 26 | CO<sub>2</sub>- and thermo-responsive vesicles: from expansionâ€“contraction transformation to vesicles-micelles transition. Polymer Chemistry, 2015, 6, 2457-2465. | 1.9 | 26 |
| 27 | 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 |
| 28 | 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 |
| 29 | Temperature- and redox-responsive magnetic complex micelles for controlled drug release. Journal of Materials Chemistry B, 2015, 3, 260-269. | 2.9 | 45 |
| 30 | Synthesis, Selfâ€Assembly, and Multiâ€Stimuli Responses of a Supramolecular Block Copolymer. Macromolecular Rapid Communications, 2014, 35, 1776-1781. | 2.0 | 13 |
| 31 | Formationâ€“dissociation of glucose, pH and redox triply responsive micelles and controlled release of insulin. Polymer Chemistry, 2014, 5, 3968. | 1.9 | 33 |
| 32 | Preparation of POSS-poly(Ɛ-caprolactone)-Î²-cyclodextrin/Fe3O4 hybrid magnetic micelles for removal of bisphenol A from water. Carbohydrate Polymers, 2014, 113, 353-361. | 5.1 | 22 |
| 33 | Synthesis, Selfâ€Assembly, and Properties of Homoarm and Heteroarm Starâ€Shaped Inorganicâ€“Organic Hybrid Polymers with a POSS Core. Macromolecular Chemistry and Physics, 2013, 214, 1580-1589. | 1.1 | 18 |
| 34 | Tunable thermo-, pH- and light-responsive copolymer micelles. Polymer Chemistry, 2013, 4, 3934. | 1.9 | 23 |
| 35 | Environment-induced nanostructural dynamical-change based on supramolecular self-assembly of cyclodextrin and star-shaped poly(ethyleneÂoxide) with polyhedral oligomeric silsesquioxane core. Polymer, 2013, 54, 5374-5381. | 1.8 | 10 |
| 36 | Supramolecular hydrogels from inclusion complexation of Î±-cyclodextrin with densely grafted chains in micelles for controlled drug and protein release. Journal of Materials Chemistry B, 2013, 1, 6235. | 2.9 | 32 |

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| 37 | pH-responsive amphiphilic H-shaped supramolecular copolymer via the inclusion complexation between Î²-cyclodextrin and adamantane. Polymer Bulletin, 2013, 70, 2257-2267. | 1.7 | 3 |
| 38 | Supramolecular micelles with dual temperature and redox responses for multi-controlled drug release. Polymer Chemistry, 2013, 4, 2658. | 1.9 | 33 |
| 39 | Supramolecular amphiphilic star-branched copolymer: from LCSTâ€“UCST transition to temperatureâ€“fluorescence responses. Journal of Materials Chemistry, 2012, 22, 24783. | 6.7 | 42 |
| 40 | Synthesis, crystalline morphologies, selfâ€assembly, and properties of Hâ€shaped amphiphilic dually responsive terpolymers. Journal of Polymer Science Part A, 2012, 50, 2541-2552. | 2.5 | 13 |
| 41 | Amphiphilic ethyl cellulose brush polymers with mono and dual side chains: Facile synthesis, self-assembly, and tunable temperature-pH responsivities. Polymer, 2012, 53, 956-966. | 1.8 | 57 |
| 42 | Effect of vascular endothelial growth factor and its receptor KDR on human airway smooth muscle cells proliferation. Chinese Medical Journal, 2005, 118, 591-4. | 0.9 | 3 |