

Hongjun Yang

List of Publications by Year in descending order

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52
papers

847
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430874

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#	ARTICLE	IF	CITATIONS
1	Solvent Effect on Photo / Thermo Responsive behaviour and Application of Poly(N-isopropylacrylamide) End-capped with 4-Propoxyazobenzene in Aqueous Media. <i>Materials Research Innovations</i> , 2022, 26, 44-51.	2.3	0
2	Synthesis of thermoresponsive nonconjugated fluorescent branched poly(ether amide)s via oxa-Michael addition polymerization. <i>Polymer Chemistry</i> , 2022, 13, 631-639.	3.9	10
3	Investigation of the microrheological properties of the branched polystyrene using 2-(2-bromoisobutyryloxy) ethyl methacrylate as the inimer. <i>Materials Research Innovations</i> , 2022, 26, 197-202.	2.3	1
4	Noncovalent Postmodification Guided Reversible Compartmentalization of Polymeric Micelles. <i>ACS Macro Letters</i> , 2022, 11, 687-692.	4.8	1
5	Molecular Engineering of Injectable, Fast Self-Repairing Hydrogels with Tunable Gelation Time: Characterization by Diffusing Wave Spectroscopy. <i>Macromolecules</i> , 2022, 55, 6474-6486.	4.8	9
6	Copolymerize Conventional Vinyl Monomers to Degradable and Water-Soluble Copolymers with a Fluorescence Property. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, .	2.2	7
7	Remarkable untangled dynamics behavior of multicyclic branched polystyrenes. <i>Chemical Communications</i> , 2021, 57, 399-402.	4.1	12
8	Rapid synthesis of $\text{Sn}(\text{HPO}_4)_2 \cdot 2\text{H}_2\text{O}$ by microwave-hydrothermal process. <i>Ceramics International</i> , 2021, 47, 16303-16308.	4.8	0
9	Branched polymers through redox emulsion polymerization using peroxide monomer as the branching agent. <i>Journal of Polymer Science</i> , 2021, 59, 404-411.	3.8	4
10	Preparation of hyperbranched polymers by oxa-Michael addition polymerization. <i>Polymer Chemistry</i> , 2020, 11, 1298-1306.	3.9	27
11	Initiation and Termination in Styrene Free-Radical Polymerization Initiated by Redox Initiation. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000277.	2.2	1
12	Preparation of branched polystyrene via atom transfer radical polymerisation using diene with electron-rich double bond. <i>Materials Research Innovations</i> , 2020, 24, 447-451.	2.3	0
13	Highly Efficient Amide Michael Addition and Its Use in the Preparation of Tunable Multicolor Photoluminescent Polymers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 50870-50878.	8.0	21
14	pH and thermo responsive aliphatic tertiary amine chromophore hyperbranched poly(amino ether) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.8	18
15	A facile approach for preparing tadpole and barbell-shaped cyclic polymers through combining ATRP and atom transfer radical coupling (ATRC) reactions. <i>Polymer Chemistry</i> , 2020, 11, 6529-6538.	3.9	10
16	Highly Branched Copolymers with Degradable Bridges for Antifouling Coatings. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 16849-16855.	8.0	29
17	Few-Layer Clayenes for Material and Environmental Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 11171-11179.	8.0	5
18	Does bimolecular termination dominate in benzoyl peroxide initiated styrene free-radical polymerization?. <i>Polymer</i> , 2020, 189, 122184.	3.8	8

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19	How Does the Branching Effect of Macromonomer Influence the Polymerization, Structural Features, and Solution Properties of Long-Subchain Hyperbranched Polymers?. <i>Macromolecules</i> , 2019, 52, 1065-1082.	4.8	21
20	Anionic Hybrid Copolymerization via Concurrent Oxa-Michael Addition and Ring-Opening Polymerizations. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900147.	2.2	9
21	Self-Condensing Iodine Transfer Copolymerization for Highly Branched Polymers Using an <i>in Situ</i> Formed Chain Transfer Monomer. <i>Macromolecules</i> , 2019, 52, 1731-1738.	4.8	7
22	Radical polymerization in the presence of peroxide and reducing agent monomer for branched polymers. <i>Journal of Polymer Science Part A</i> , 2019, 57, 833-840.	2.3	2
23	Phosphazene-catalyzed oxa-Michael addition click polymerization. <i>Polymer Chemistry</i> , 2018, 9, 4716-4723.	3.9	27
24	Synthesis of highly branched polymers by reversible complexation-mediated copolymerization of vinyl and divinyl monomers. <i>Polymer Chemistry</i> , 2017, 8, 2137-2144.	3.9	20
25	Synthesis and post-functionalization of a degradable aliphatic polyester containing allyl pendent groups. <i>Polymer</i> , 2017, 121, 256-261.	3.8	8
26	Self-condensing reversible complexation-mediated copolymerization for highly branched polymers with <i>in situ</i> formed inimers. <i>Polymer Chemistry</i> , 2017, 8, 6844-6852.	3.9	18
27	Radical polymerization in the presence of a peroxide monomer: an approach to branched vinyl polymers. <i>Polymer Chemistry</i> , 2017, 8, 4428-4439.	3.9	17
28	Preparation and Properties of Branched Polystyrene through Radical Suspension Polymerization. <i>Polymers</i> , 2017, 9, 14.	4.5	13
29	Light and Temperature as Dual Stimuli Lead to Self-Assembly of Hyperbranched Azobenzene-Terminated Poly(N-isopropylacrylamide). <i>Polymers</i> , 2016, 8, 183.	4.5	9
30	New Insight into the ATRP of Monovinyl and Divinyl Monomers. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1555-1561.	2.2	9
31	Synthesis of Hyperbranched Poly(μ -caprolactone) Containing Terminal Azobenzene Structure via Combined Ring-Opening Polymerization and ϵ -Click-Chemistry. <i>Polymers</i> , 2015, 7, 1248-1268.	4.5	14
32	Dual thermo- and light-responsive nanorods from self-assembly of the 4-propoxyazobenzene-terminated poly(N-isopropylacrylamide) in aqueous solution. <i>Polymer</i> , 2015, 73, 195-204.	3.8	22
33	A simple route to vinyl-functionalized hyperbranched polymers: Self-condensing anionic copolymerization of allyl methacrylate and hydroxyethyl methacrylate. <i>Polymer</i> , 2015, 72, 63-68.	3.8	25
34	A versatile strategy for synthesis of hyperbranched polymers with commercially available methacrylate inimer. <i>RSC Advances</i> , 2015, 5, 60401-60408.	3.6	17
35	Preparation and characterization of novel side-chain azobenzene polymers containing tetrazole group. <i>Reactive and Functional Polymers</i> , 2015, 96, 61-70.	4.1	8
36	Radical emulsion polymerization with chain transfer monomer: an approach to branched vinyl polymers with high molecular weight and relatively narrow polydispersity. <i>Polymer Chemistry</i> , 2014, 5, 1863.	3.9	21

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37	Ultrafast preparation of branched poly(methyl Acrylate) through single electron transfer living radical polymerization at room temperature. <i>Polymer Engineering and Science</i> , 2014, 54, 1579-1584.	3.1	5
38	Quadrangular Prism: A Unique Self-Assembly from Amphiphilic Hyperbranched PMAA- <i>b</i> -PAA. <i>Macromolecular Rapid Communications</i> , 2014, 35, 330-336.	3.9	15
39	Facile synthesis of highly branched poly(acrylonitrile-co-vinyl acetate)s with low viscosity and high thermal stability via radical aqueous solution polymerization. <i>Polymer Chemistry</i> , 2014, 5, 3326-3334.	3.9	20
40	Facile synthesis of biodegradable and clickable polymer. <i>RSC Advances</i> , 2014, 4, 23377-23381.	3.6	11
41	Synthesis and enzymatic degradation of poly($\hat{\mu}$ -caprolactone-co-ethylene carbonate-co-ethylene oxide) copolymer. <i>Polymer Bulletin</i> , 2013, 70, 467-478.	3.3	11
42	Polymerization behaviors and polymer branching structures in ATRP of monovinyl and divinyl monomers. <i>Polymer Chemistry</i> , 2013, 4, 3204.	3.9	28
43	One-step synthesis of hyperbranched biodegradable polymer. <i>RSC Advances</i> , 2013, 3, 6853.	3.6	31
44	Hybrid copolymerization of cyclic and vinyl monomers. <i>Science China Chemistry</i> , 2013, 56, 1101-1104.	8.2	12
45	Synthesis of Poly($\hat{\mu}$ -caprolactone-co-methacrylic acid) Copolymer via Phosphazene-Catalyzed Hybrid Copolymerization. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 378-385.	2.2	26
46	Improvement of polyamide 1010 with silica nanospheres via in situ melt polycondensation. <i>Polymer Composites</i> , 2012, 33, 1770-1776.	4.6	19
47	Hybrid Copolymerization of $\hat{\mu}$ -Caprolactone and Methyl Methacrylate. <i>Macromolecules</i> , 2012, 45, 3312-3317.	4.8	115
48	Radical Polymerization in the Presence of Chain Transfer Monomer: An Approach to Branched Vinyl Polymers. <i>Macromolecules</i> , 2012, 45, 4092-4100.	4.8	48
49	Nylon 3 synthesized by ring opening polymerization with a metal-free catalyst. <i>Polymer Chemistry</i> , 2011, 2, 2888.	3.9	38
50	Synthesis of Poly[(ethylene carbonate)- <i>co</i> -(ethylene oxide)] Copolymer by Phosphazene-Catalyzed ROP. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 2589-2593.	2.2	39
51	Preparation of branched polystyrene by free radical emulsion polymerization in the presence of functional monomer. <i>Materials Research Innovations</i> , 0, , 1-6.	2.3	2
52	Precisely Tailoring and Renewing Polymers: An Efficient Strategy for Polymer Recycling. <i>Macromolecular Chemistry and Physics</i> , 0, , 2200117.	2.2	2