

Thomas G Mckenzie

List of Publications by Year in descending order

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citations

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times ranked

2299
citing authors

#	ARTICLE	IF	CITATIONS
1	Amphiphilic Core Cross-Linked Star Polymers for the Delivery of Hydrophilic Drugs from Hydrophobic Matrices. <i>Biomacromolecules</i> , 2021, 22, 2554-2562.	5.4	4
2	Bacterial Redox Potential Powers Controlled Radical Polymerization. <i>Journal of the American Chemical Society</i> , 2021, 143, 286-293.	13.7	39
3	Fentonâ€Chemistryâ€Mediated Radical Polymerization. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1900220.	3.9	40
4	Highly Living Stars via Core-First Photo-RAFT Polymerization: Exploitation for Ultra-High Molecular Weight Star Synthesis. <i>ACS Macro Letters</i> , 2019, 8, 1291-1295.	4.8	50
5	Ultrasound and Sonochemistry for Radical Polymerization: Sound Synthesis. <i>Chemistry - A European Journal</i> , 2019, 25, 5372-5388.	3.3	138
6	Self-deoxygenating glassware. <i>Chemical Communications</i> , 2019, 55, 8544-8547.	4.1	7
7	Redox-Initiated Reversible Additionâ€Fragmentation Chain Transfer (RAFT) Polymerization. <i>Australian Journal of Chemistry</i> , 2019, 72, 479.	0.9	11
8	Heterogeneously Catalyzed Fenton-Reversible Additionâ€Fragmentation Chain Transfer Polymerization in the Presence of Air. <i>Macromolecules</i> , 2019, 52, 3278-3287.	4.8	36
9	Frontispiece: Ultrasound and Sonochemistry for Radical Polymerization: Sound Synthesis. <i>Chemistry - A European Journal</i> , 2019, 25, .	3.3	0
10	Sonochemically Initiated RAFT Polymerization in Organic Solvents. <i>Macromolecules</i> , 2019, 52, 185-195.	4.8	38
11	Synthesis of ultraâ€high molecular weight polymers by controlled production of initiating radicals. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1922-1930.	2.3	28
12	High frequency sonoATRP of 2-hydroxyethyl acrylate in an aqueous medium. <i>Polymer Chemistry</i> , 2018, 9, 2562-2568.	3.9	38
13	Hydroxyl Radical Activated RAFT Polymerization. <i>ACS Symposium Series</i> , 2018, , 307-321.	0.5	10
14	Sono-RAFT Polymerization-Induced Self-Assembly in Aqueous Dispersion: Synthesis of LCST-type Thermosensitive Nanogels. <i>Macromolecules</i> , 2018, 51, 8862-8869.	4.8	53
15	Tunable, Quantitative Fentonâ€RAFT Polymerization via Metered Reagent Addition. <i>Macromolecular Rapid Communications</i> , 2018, 39, 1800179.	3.9	19
16	Bloodâ€Catalyzed RAFT Polymerization. <i>Angewandte Chemie</i> , 2018, 130, 10445-10449.	2.0	15
17	Controlled RAFT polymerization facilitated by a nanostructured enzyme mimic. <i>Polymer Chemistry</i> , 2018, 9, 4448-4454.	3.9	20
18	Bloodâ€Catalyzed RAFT Polymerization. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10288-10292.	13.8	60

#	ARTICLE	IF	CITATIONS
19	Fentonâ€RAFT Polymerization: An â€œOnâ€Demandâ€Chainâ€Growth Method. Chemistry - A European Journal, 2017, 23, 7221-7226.	3.3	51
20	Sonoâ€RAFT Polymerization in Aqueous Medium. Angewandte Chemie - International Edition, 2017, 56, 12302-12306.	13.8	139
21	Development of a Robust PET-RAFT Polymerization Using Graphitic Carbon Nitride (g-C ₃ N ₄). Macromolecules, 2017, 50, 7509-7516.	4.8	108
22	Diverse approaches to star polymers via cationic and radical RAFT cross-linking reactions using mechanistic transformation. Polymer Chemistry, 2017, 8, 5972-5981.	3.9	27
23	Sonoâ€RAFT Polymerization in Aqueous Medium. Angewandte Chemie, 2017, 129, 12470-12474.	2.0	23
24	Synthesis of highâ€order multiblock core crossâ€linked star polymers. Journal of Polymer Science Part A, 2016, 54, 135-143.	2.3	9
25	Controlled Polymerization: Beyond Traditional RAFT: Alternative Activation of Thiocarbonylthio Compounds for Controlled Polymerization (Adv. Sci. 9/2016). Advanced Science, 2016, 3, .	11.2	5
26	Beyond Traditional RAFT: Alternative Activation of Thiocarbonylthio Compounds for Controlled Polymerization. Advanced Science, 2016, 3, 1500394.	11.2	249
27	Observed Photoenhancement of RAFT Polymerizations under Fume Hood Lighting. ACS Macro Letters, 2016, 5, 1287-1292.	4.8	23
28	A novel solid state photocatalyst for living radical polymerization under UV irradiation. Scientific Reports, 2016, 6, 20779.	3.3	33
29	Star Polymers. Chemical Reviews, 2016, 116, 6743-6836.	47.7	653
30	Visible Light Mediated Controlled Radical Polymerization in the Absence of Exogenous Radical Sources or Catalysts. Macromolecules, 2015, 48, 3864-3872.	4.8	260
31	Tertiary amine catalyzed photo-induced controlled radical polymerization of methacrylates. Polymer Chemistry, 2015, 6, 5362-5368.	3.9	67
32	Controlled Formation of Star Polymer Nanoparticles via Visible Light Photopolymerization. ACS Macro Letters, 2015, 4, 1012-1016.	4.8	95
33	Highly Efficient and Versatile Formation of Biocompatible Star Polymers in Pure Water and Their Stimuli-Responsive Self-Assembly. Macromolecules, 2014, 47, 7869-7877.	4.8	34