Thomas G Mckenzie

List of Publications by Year
in descending order

33	2,382	304743 22	414414 32
papers	citations	h-index	g-index

33	33	33	2299
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Star Polymers. Chemical Reviews, 2016, 116, 6743-6836.	47.7	653
2	Visible Light Mediated Controlled Radical Polymerization in the Absence of Exogenous Radical Sources or Catalysts. Macromolecules, 2015, 48, 3864-3872.	4.8	260
3	Beyond Traditional RAFT: Alternative Activation of Thiocarbonylthio Compounds for Controlled Polymerization. Advanced Science, 2016, 3, 1500394.	11.2	249
4	Sonoâ€RAFT Polymerization in Aqueous Medium. Angewandte Chemie - International Edition, 2017, 56, 12302-12306.	13.8	139
5	Ultrasound and Sonochemistry for Radical Polymerization: Sound Synthesis. Chemistry - A European Journal, 2019, 25, 5372-5388.	3.3	138
6	Development of a Robust PET-RAFT Polymerization Using Graphitic Carbon Nitride (g-C₃N₄). Macromolecules, 2017, 50, 7509-7516.	4.8	108
7	Controlled Formation of Star Polymer Nanoparticles via Visible Light Photopolymerization. ACS Macro Letters, 2015, 4, 1012-1016.	4.8	95
8	Tertiary amine catalyzed photo-induced controlled radical polymerization of methacrylates. Polymer Chemistry, 2015, 6, 5362-5368.	3.9	67
9	Bloodâ€Catalyzed RAFT Polymerization. Angewandte Chemie - International Edition, 2018, 57, 10288-10292.	13.8	60
10	Sono-RAFT Polymerization-Induced Self-Assembly in Aqueous Dispersion: Synthesis of LCST-type Thermosensitive Nanogels. Macromolecules, 2018, 51, 8862-8869.	4.8	53
11	Fentonâ€RAFT Polymerization: An â€œOnâ€Demandâ€•Chainâ€Growth Method. Chemistry - A European Journal, 2017, 23, 7221-7226.	3.3	51
12	Highly Living Stars via Core-First Photo-RAFT Polymerization: Exploitation for Ultra-High Molecular Weight Star Synthesis. ACS Macro Letters, 2019, 8, 1291-1295.	4.8	50
13	Fentonâ€Chemistryâ€Mediated Radical Polymerization. Macromolecular Rapid Communications, 2019, 40, e1900220.	3.9	40
14	Bacterial Redox Potential Powers Controlled Radical Polymerization. Journal of the American Chemical Society, 2021, 143, 286-293.	13.7	39
15	High frequency sonoATRP of 2-hydroxyethyl acrylate in an aqueous medium. Polymer Chemistry, 2018, 9, 2562-2568.	3.9	38
16	Sonochemically Initiated RAFT Polymerization in Organic Solvents. Macromolecules, 2019, 52, 185-195.	4.8	38
17	Heterogeneously Catalyzed Fenton-Reversible Additionâ€“Fragmentation Chain Transfer Polymerization in the Presence of Air. Macromolecules, 2019, 52, 3278-3287.	4.8	36
18	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

#	Article	IF	Citations
19	A novel solid state photocatalyst for living radical polymerization under UV irradiation. Scientific Reports, 2016, 6, 20779.	3.3	33
20	Synthesis of ultraâ€high molecular weight polymers by controlled production of initiating radicals. Journal of Polymer Science Part A, 2019, 57, 1922-1930.	2.3	28
21	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
22	Observed Photoenhancement of RAFT Polymerizations under Fume Hood Lighting. ACS Macro Letters, 2016, 5, 1287-1292.	4.8	23
23	Sonoâ€RAFT Polymerization in Aqueous Medium. Angewandte Chemie, 2017, 129, 12470-12474.	2.0	23
24	Controlled RAFT polymerization facilitated by a nanostructured enzyme mimic. Polymer Chemistry, 2018, 9, 4448-4454.	3.9	20
25	Tunable, Quantitative Fentonâ€RAFT Polymerization via Metered Reagent Addition. Macromolecular Rapid Communications, 2018, 39, 1800179.	3.9	19
26	Bloodâ€Catalyzed RAFT Polymerization. Angewandte Chemie, 2018, 130, 10445-10449.	2.0	15
27	Redox-Initiated Reversible Additionâ€“Fragmentation Chain Transfer (RAFT) Polymerization. Australian Journal of Chemistry, 2019, 72, 479.	0.9	11
28	Hydroxyl Radical Activated RAFT Polymerization. ACS Symposium Series, 2018, , 307-321.	0.5	10
29	Synthesis of highâ€order multiblock core crossâ€linked star polymers. Journal of Polymer Science Part A, 2016, 54, 135-143.	2.3	9
30	Self-deoxygenating glassware. Chemical Communications, 2019, 55, 8544-8547.	4.1	7
31	Controlled Polymerization: Beyond Traditional RAFT: Alternative Activation of Thiocarbonylthio Compounds for Controlled Polymerization (Adv. Sci. 9/2016). Advanced Science, 2016, 3, .	11.2	5
32	Amphiphilic Core Cross-Linked Star Polymers for the Delivery of Hydrophilic Drugs from Hydrophobic Matrices. Biomacromolecules, 2021, 22, 2554-2562.	5.4	4
33	Frontispiece: Ultrasound and Sonochemistry for Radical Polymerization: Sound Synthesis. Chemistry - A European Journal, 2019, 25, .	3.3	0