Mineto Uchiyama

List of Publications by Year
in descending order

31	1,094	516710 16	552781 26
papers	citations	h-index	g-index

32	32	32	602
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cationic RAFT and DT polymerization. Progress in Polymer Science, 2022, 124, 101485.	24.7	53
2	Acridinium salts as photoredox organocatalysts for photomediated cationic RAFT and DT polymerizations of vinyl ethers. Polymer Chemistry, 2022, 13, 1031-1039.	3.9	19
3	Asymmetric Cationic Polymerization of Benzofuran through a Reversible Chain-Transfer Mechanism: Optically Active Polybenzofuran with Controlled Molecular Weights. Journal of the American Chemical Society, 2022, 144, 10429-10437.	13.7	11
4	Stereospecific cationic RAFT polymerization of bulky vinyl ethers and stereoblock poly(vinyl alcohol) via mechanistic transformation to radical RAFT polymerization of vinyl acetate. Giant, 2021, 5, 100047.	5.1	24
5	Hybridization of Stepâ€/Chainâ€Growth and Radical/Cationic Polymerizations Using Thioacetals as Key Components for Triblock, Periodic and Random Multiblock Copolymers with Thermoresponsiveness. Macromolecular Rapid Communications, 2021, 42, e2100192.	3.9	4
6	Interconvertible and switchable cationic/PET-RAFT copolymerization triggered by visible light. Polymer Journal, 2020, 52, 65-73.	2.7	25
7	Epoxy-functionalised 4-vinylguaiacol for the synthesis of bio-based, degradable star polymers via a RAFT/ROCOP strategy. Polymer Chemistry, 2020, 11, 5844-5850.	3.9	7
8	Thiolâ€Ene Cationic and Radical Reactions: Cyclization, Stepâ€Growth, and Concurrent Polymerizations for Thioacetal and Thioether Units. Angewandte Chemie - International Edition, 2020, 59, 6832-6838.	13.8	18
9	Thiolâ€Ene Cationic and Radical Reactions: Cyclization, Stepâ€Growth, and Concurrent Polymerizations for Thioacetal and Thioether Units. Angewandte Chemie, 2020, 132, 6899-6905.	2.0	2
10	Cationic Polymerization via Activation of Alkoxyamines Using Photoredox Catalysts. ChemPhotoChem, 2019, 3, 1100-1108.	3.0	10
11	Valencene as a naturally occurring sesquiterpene monomer for radical copolymerization with maleimide to induce concurrent 1:1 and 1:2 propagation. Polymer Degradation and Stability, 2019, 161, 183-190.	5.8	13
12	A User-friendly Living Cationic Polymerization: Degenerative Chain-transfer Polymerization of Vinyl Ethers by Simply Using Mixtures of Weak and Superstrong Protonic Acids. Chinese Journal of Polymer Science (English Edition), 2019, 37, 851-857.	3.8	15
13	Cooperative reduction of various RAFT polymer terminals using hydrosilane and thiol via polarity reversal catalysis. Chemical Communications, 2019, 55, 5327-5330.	4.1	5
14	Cationic Polymerization via Activation of Alkoxyamines Using Photoredox Catalysts. ChemPhotoChem, 2019, 3, 1058-1058.	3.0	0
15	Degenerative chainâ€transfer process: Controlling all chainâ€growth polymerizations and enabling novel monomer sequences. Journal of Polymer Science Part A, 2019, 57, 243-254.	2.3	31
16	Synthesis of PEVE-b-P(CTFE-alt-EVE) block copolymers by sequential cationic and radical RAFT polymerization. Polymer Chemistry, 2018, 9, 352-361.	3.9	37
17	Vinyl Ether/Vinyl Ester Copolymerization by Cationic and Radical Interconvertible Simultaneous Polymerization. ACS Symposium Series, 2018, , 323-334.	0.5	13
18	One-shot controlled/living copolymerization for various comonomer sequence distributions via dual radical and cationic active species from RAFT terminals. Polymer Chemistry, 2017, 8, 5002-5011.	3.9	57

#	Article	IF	Citations
19	Combination of Cationic and Radical RAFT Polymerizations: A Versatile Route to Well-Defined Poly(ethyl vinyl ether)-block-poly(vinylidene fluoride) Block Copolymers. ACS Macro Letters, 2017, 6, 393-398.	4.8	67
20	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
21	Metal-Free Living Cationic Polymerization via Degenerative Chain-Transfer Mechanism. Journal of the Adhesion Society of Japan, 2017, 53, 179-187.	0.0	0
22	Metal Free Living Cationic Polymerisations via Carbon Sulphur Bonds. International Polymer Science and Technology, 2016, 43, 7-12.	0.1	0
23	Diversifying Cationic RAFT Polymerization with Various Counteranions: Generation of Cationic Species from Organic Halides and Various Metal Salts. ACS Macro Letters, 2016, 5, 1157-1161.	4.8	30
24	Beyond Traditional RAFT: Alternative Activation of Thiocarbonylthio Compounds for Controlled Polymerization. Advanced Science, 2016, 3, 1500394.	11.2	249
25	A phosphonium intermediate for cationic RAFT polymerization. Polymer Chemistry, 2016, 7, 1387-1396.	3.9	52
26	Metal-Free Living Cationic Polymerization via Carbon-Sulfur Bonds (2). Nippon Gomu Kyokaishi, 2015, 88, 461-465.	0.0	0
27	Thioether-Mediated Degenerative Chain-Transfer Cationic Polymerization: A Simple Metal-Free System for Living Cationic Polymerization. Macromolecules, 2015, 48, 5533-5542.	4.8	70
28	Cationic RAFT Polymerization Using ppm Concentrations of Organic Acid. Angewandte Chemie - International Edition, 2015, 54, 1924-1928.	13.8	165
29	Metal-Free Living Cationic Polymerization via Carbon-Sulfur Bonds (1). Nippon Gomu Kyokaishi, 2015, 88, 391-396.	0.0	2
30	Interconvertible Living Radical and Cationic Polymerization through Reversible Activation of Dormant Species with Dual Activity. Angewandte Chemie - International Edition, 2014, 53, 10932-10936.	13.8	88
31	One-pot synthesis of structure-controlled temperature-responsive polymer gels. Polymer Chemistry, 0, , .	3.9	0