

Mineto Uchiyama

List of Publications by Year in descending order

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papers

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516710

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32
times ranked

602
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond Traditional RAFT: Alternative Activation of Thiocarbonylthio Compounds for Controlled Polymerization. <i>Advanced Science</i> , 2016, 3, 1500394.	11.2	249
2	Cationic RAFT Polymerization Using ppm Concentrations of Organic Acid. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1924-1928.	13.8	165
3	Interconvertible Living Radical and Cationic Polymerization through Reversible Activation of Dormant Species with Dual Activity. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10932-10936.	13.8	88
4	Thioether-Mediated Degenerative Chain-Transfer Cationic Polymerization: A Simple Metal-Free System for Living Cationic Polymerization. <i>Macromolecules</i> , 2015, 48, 5533-5542.	4.8	70
5	Combination of Cationic and Radical RAFT Polymerizations: A Versatile Route to Well-Defined Poly(ethyl vinyl ether)- <i>block</i> -poly(vinylidene fluoride) Block Copolymers. <i>ACS Macro Letters</i> , 2017, 6, 393-398.	4.8	67
6	One-shot controlled/living copolymerization for various comonomer sequence distributions via dual radical and cationic active species from RAFT terminals. <i>Polymer Chemistry</i> , 2017, 8, 5002-5011.	3.9	57
7	Cationic RAFT and DT polymerization. <i>Progress in Polymer Science</i> , 2022, 124, 101485.	24.7	53
8	A phosphonium intermediate for cationic RAFT polymerization. <i>Polymer Chemistry</i> , 2016, 7, 1387-1396.	3.9	52
9	Synthesis of PEVE- <i>b</i> -P(CTFE- <i>alt</i> -EVE) block copolymers by sequential cationic and radical RAFT polymerization. <i>Polymer Chemistry</i> , 2018, 9, 352-361.	3.9	37
10	Degenerative chain-transfer process: Controlling all chain-growth polymerizations and enabling novel monomer sequences. <i>Journal of Polymer Science Part A</i> , 2019, 57, 243-254.	2.3	31
11	Diversifying Cationic RAFT Polymerization with Various Counteranions: Generation of Cationic Species from Organic Halides and Various Metal Salts. <i>ACS Macro Letters</i> , 2016, 5, 1157-1161.	4.8	30
12	Diverse approaches to star polymers via cationic and radical RAFT cross-linking reactions using mechanistic transformation. <i>Polymer Chemistry</i> , 2017, 8, 5972-5981.	3.9	27
13	Interconvertible and switchable cationic/PET-RAFT copolymerization triggered by visible light. <i>Polymer Journal</i> , 2020, 52, 65-73.	2.7	25
14	Stereospecific cationic RAFT polymerization of bulky vinyl ethers and stereoblock poly(vinyl alcohol) via mechanistic transformation to radical RAFT polymerization of vinyl acetate. <i>Giant</i> , 2021, 5, 100047.	5.1	24
15	Acridinium salts as photoredox organocatalysts for photomediated cationic RAFT and DT polymerizations of vinyl ethers. <i>Polymer Chemistry</i> , 2022, 13, 1031-1039.	3.9	19
16	Thioacetal Cationic and Radical Reactions: Cyclization, Step-growth, and Concurrent Polymerizations for Thioacetal and Thioether Units. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6832-6838.	13.8	18
17	A User-friendly Living Cationic Polymerization: Degenerative Chain-transfer Polymerization of Vinyl Ethers by Simply Using Mixtures of Weak and Superstrong Protonic Acids. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 851-857.	3.8	15
18	Vinyl Ether/Vinyl Ester Copolymerization by Cationic and Radical Interconvertible Simultaneous Polymerization. <i>ACS Symposium Series</i> , 2018, , 323-334.	0.5	13

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19	Valencene as a naturally occurring sesquiterpene monomer for radical copolymerization with maleimide to induce concurrent 1:1 and 1:2 propagation. <i>Polymer Degradation and Stability</i> , 2019, 161, 183-190.	5.8	13
20	Asymmetric Cationic Polymerization of Benzofuran through a Reversible Chain-Transfer Mechanism: Optically Active Polybenzofuran with Controlled Molecular Weights. <i>Journal of the American Chemical Society</i> , 2022, 144, 10429-10437.	13.7	11
21	Cationic Polymerization via Activation of Alkoxyamines Using Photoredox Catalysts. <i>ChemPhotoChem</i> , 2019, 3, 1100-1108.	3.0	10
22	Epoxy-functionalised 4-vinylguaiacol for the synthesis of bio-based, degradable star polymers via a RAFT/ROCOP strategy. <i>Polymer Chemistry</i> , 2020, 11, 5844-5850.	3.9	7
23	Cooperative reduction of various RAFT polymer terminals using hydrosilane and thiol <i>via</i> polarity reversal catalysis. <i>Chemical Communications</i> , 2019, 55, 5327-5330.	4.1	5
24	Hybridization of Step-Chain-Growth and Radical/Cationic Polymerizations Using Thioacetals as Key Components for Triblock, Periodic and Random Multiblock Copolymers with Thermoresponsiveness. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100192.	3.9	4
25	Thio-ene Cationic and Radical Reactions: Cyclization, Step-Growth, and Concurrent Polymerizations for Thioacetal and Thioether Units. <i>Angewandte Chemie</i> , 2020, 132, 6899-6905.	2.0	2
26	Metal-Free Living Cationic Polymerization via Carbon-Sulfur Bonds (1). <i>Nippon Gomu Kyokaishi</i> , 2015, 88, 391-396.	0.0	2
27	Metal-Free Living Cationic Polymerization via Carbon-Sulfur Bonds (2). <i>Nippon Gomu Kyokaishi</i> , 2015, 88, 461-465.	0.0	0
28	Metal Free Living Cationic Polymerisations via Carbon Sulphur Bonds. <i>International Polymer Science and Technology</i> , 2016, 43, 7-12.	0.1	0
29	Cationic Polymerization via Activation of Alkoxyamines Using Photoredox Catalysts. <i>ChemPhotoChem</i> , 2019, 3, 1058-1058.	3.0	0
30	Metal-Free Living Cationic Polymerization via Degenerative Chain-Transfer Mechanism. <i>Journal of the Adhesion Society of Japan</i> , 2017, 53, 179-187.	0.0	0
31	One-pot synthesis of structure-controlled temperature-responsive polymer gels. <i>Polymer Chemistry</i> , 0, , .	3.9	0