

Emre H Discekici

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,575
citations

516215

16
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642321

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docs citations

24
times ranked

1764
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface-initiated PETRAFT polymerization under metal-free and ambient conditions using enzyme degassing. <i>Journal of Polymer Science</i> , 2020, 58, 70-76.	2.0	38
2	Single-Step, Spin-on Process for High Fidelity and Selective Deposition. <i>ACS Applied Polymer Materials</i> , 2020, 2, 481-486.	2.0	5
3	Norbornadiene Chain-End Functional Polymers as Stable, Readily Available Precursors to Cyclopentadiene Derivatives. <i>Macromolecules</i> , 2020, 53, 4917-4924.	2.2	16
4	Surface-initiated PETRAFT polymerization under metal-free and ambient conditions using enzyme degassing. <i>Journal of Polymer Science</i> , 2020, 58, 70-76.	2.0	0
5	Norbornadienes: Robust and Scalable Building Blocks for Cascade "Click" Coupling of High Molecular Weight Polymers. <i>Journal of the American Chemical Society</i> , 2019, 141, 13619-13624.	6.6	36
6	Low-Temperature, Rapid Copolymerization of Acrylic Acid and Sodium Acrylate in Water. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1414-1419.	2.5	3
7	Aqueous reverse iodine transfer polymerization of acrylic acid. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1877-1881.	2.5	3
8	What happens in the dark? Assessing the temporal control of photo-mediated controlled radical polymerizations. <i>Journal of Polymer Science Part A</i> , 2019, 57, 268-273.	2.5	81
9	Endo and Exo Diels-Alder Adducts: Temperature-Tunable Building Blocks for Selective Chemical Functionalization. <i>Journal of the American Chemical Society</i> , 2018, 140, 5009-5013.	6.6	60
10	Simultaneous Preparation of Multiple Polymer Brushes under Ambient Conditions using Microliter Volumes. <i>Angewandte Chemie</i> , 2018, 130, 13621-13626.	1.6	15
11	Evolution and Future Directions of Metal-Free Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2018, 51, 7421-7434.	2.2	176
12	Simultaneous Preparation of Multiple Polymer Brushes under Ambient Conditions using Microliter Volumes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13433-13438.	7.2	78
13	Next-Generation Materials via Orthogonal Stimuli. <i>ACS Central Science</i> , 2018, 4, 1087-1088.	5.3	5
14	Dual-pathway chain-end modification of RAFT polymers using visible light and metal-free conditions. <i>Chemical Communications</i> , 2017, 53, 1888-1891.	2.2	41
15	Light-Mediated Atom Transfer Radical Polymerization of Semi-Fluorinated (Meth)acrylates: Facile Access to Functional Materials. <i>Journal of the American Chemical Society</i> , 2017, 139, 5939-5945.	6.6	121
16	Controlled radical polymerization of vinyl ketones using visible light. <i>Polymer Chemistry</i> , 2017, 8, 3351-3356.	1.9	47
17	Established and emerging strategies for polymer chain-end modification. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2903-2914.	2.5	78
18	One-Pot Synthesis of ABCDE Multiblock Copolymers with Hydrophobic, Hydrophilic, and Semi-Fluorinated Segments. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14483-14487.	7.2	105

#	ARTICLE	IF	CITATIONS
19	Desulfurization–bromination: direct chain-end modification of RAFT polymers. <i>Polymer Chemistry</i> , 2017, 8, 7188-7194.	1.9	16
20	Engineering Surfaces through Sequential Stop–Flow Photopatterning. <i>Advanced Materials</i> , 2016, 28, 9292-9300.	11.1	78
21	Metal-Free Removal of Polymer Chain Ends Using Light. <i>Macromolecules</i> , 2016, 49, 8162-8166.	2.2	36
22	Chemoselective Radical Dehalogenation and C–C Bond Formation on Aryl Halide Substrates Using Organic Photoredox Catalysts. <i>Journal of Organic Chemistry</i> , 2016, 81, 7155-7160.	1.7	106
23	Simple Benchtop Approach to Polymer Brush Nanostructures Using Visible-Light-Mediated Metal-Free Atom Transfer Radical Polymerization. <i>ACS Macro Letters</i> , 2016, 5, 258-262.	2.3	188
24	A highly reducing metal-free photoredox catalyst: design and application in radical dehalogenations. <i>Chemical Communications</i> , 2015, 51, 11705-11708.	2.2	243