

Yihuan Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Access to high-molecular-weight poly(ϵ -butyrolactone) by using simple commercial catalysts. <i>Polymer Chemistry</i> , 2022, 13, 439-445.	3.9	6
2	Anionic polymerizations in a microreactor. <i>Reaction Chemistry and Engineering</i> , 2022, 7, 1026-1036.	3.7	3
3	Microreactor-based chemo-enzymatic ROP-ROMP platform for continuous flow synthesis of bottlebrush polymers. <i>Chemical Engineering Journal</i> , 2022, 437, 135284.	12.7	5
4	Recyclable polymer functionalization via end-group modification and block/random copolymerization. <i>Green Energy and Environment</i> , 2021, 6, 578-584.	8.7	13
5	Advances, Challenges, and Opportunities of Poly(ϵ -butyrolactone)-Based Recyclable Polymers. <i>ACS Macro Letters</i> , 2021, 10, 284-296.	4.8	40
6	Protecting-group-free synthesis of thiol-functionalized degradable polyesters. <i>Polymer Chemistry</i> , 2021, 12, 1749-1757.	3.9	4
7	Continuous flow rare earth phenolates catalyzed chemoselective ring-opening polymerization. <i>Chemical Engineering Science</i> , 2020, 211, 115290.	3.8	6
8	Organomagnesium towards efficient synthesis of recyclable polymers. <i>European Polymer Journal</i> , 2020, 130, 109659.	5.4	4
9	A novel microfluidic enzyme-organocatalysis combination strategy for ring-opening copolymerizations of lactone, lactide and cyclic carbonate. <i>Chemical Engineering Journal</i> , 2019, 356, 592-597.	12.7	28
10	Organocatalyzed chemoselective ring-opening polymerizations. <i>Scientific Reports</i> , 2018, 8, 3734.	3.3	19
11	Enzymatic Continuous Flow Synthesis of Thiol-Terminated Poly(ϵ -valerolactone) and Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1700807.	3.9	16
12	Chemoselective polymerization platform for flow synthesis of functional polymers and nanoparticles. <i>Chemical Engineering Journal</i> , 2018, 333, 43-48.	12.7	22
13	Direct synthesis of thiol-terminated poly(ϵ -caprolactone): a study on polymerization kinetics, mechanism and rare earth phenolates' structure-activity relationship. <i>RSC Advances</i> , 2017, 7, 37412-37418.	3.6	8
14	Continuous flow protecting-group-free synthetic approach to thiol-terminated poly(ϵ -caprolactone). <i>European Polymer Journal</i> , 2016, 80, 234-239.	5.4	18