

Qianyi Wang

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Living Ring-Opening Polymerization of Lactones by <i>N</i> -Heterocyclic Olefin/Al(C ₆ F ₅) ₃ Lewis Pairs: Structures of Intermediates, Kinetics, and Mechanism. <i>Macromolecules</i> , 2017, 50, 123-136.	4.8	109
2	Living Polymerization of Conjugated Polar Alkenes Catalyzed by <i>N</i> -Heterocyclic Olefin-Based Frustrated Lewis Pairs. <i>ACS Catalysis</i> , 2018, 8, 3571-3578.	11.2	99
3	Atom Transfer Radical Polymerization Driven by Near-Infrared Light with Recyclable Upconversion Nanoparticles. <i>Macromolecules</i> , 2020, 53, 4678-4684.	4.8	71
4	Highly effective C=C bond cleavage of lignin model compounds. <i>Green Chemistry</i> , 2017, 19, 3135-3141.	9.0	65
5	Living polymerization of acrylamides catalysed by <i>N</i> -heterocyclic olefin-based Lewis pairs. <i>Polymer Chemistry</i> , 2019, 10, 3597-3603.	3.9	45
6	Chemoselective and living/controlled polymerization of polar divinyl monomers by <i>N</i> -heterocyclic olefin based classical and frustrated Lewis pairs. <i>Polymer Chemistry</i> , 2019, 10, 4328-4335.	3.9	33
7	Controlled Radical Polymerization toward Ultra-High Molecular Weight by Rationally Designed Borane Radical Initiators. <i>Cell Reports Physical Science</i> , 2020, 1, 100073.	5.6	27
8	Living/controlled ring-opening (co)polymerization of lactones by Al-based catalysts with different sidearms. <i>Dalton Transactions</i> , 2019, 48, 7167-7178.	3.3	17
9	Boron-Based Lewis Pairs Catalyzed Living, Regioselective, and Topology-Controlled Polymerization of <i>E</i> , <i>E</i> -Alkyl Sorbates. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200088.	3.9	13
10	Lewis Pair-Mediated Surface-Initiated Polymerization. <i>ACS Macro Letters</i> , 2018, 7, 65-69.	4.8	10