

Ming Luo

List of Publications by Year in descending order

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21
papers

849
citations

471371

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752573

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21
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#	ARTICLE	IF	CITATIONS
1	Poly(monothiocarbonate)s from the Alternating and Regioselective Copolymerization of Carbonyl Sulfide with Epoxides. <i>Accounts of Chemical Research</i> , 2016, 49, 2209-2219.	7.6	142
2	Using carbon dioxide and its sulfur analogues as monomers in polymer synthesis. <i>Polymer</i> , 2016, 82, 406-431.	1.8	90
3	Regioselective and Alternating Copolymerization of Carbonyl Sulfide with Racemic Propylene Oxide. <i>Macromolecules</i> , 2013, 46, 5899-5904.	2.2	80
4	Well-defined high refractive index poly(monothiocarbonate) with tunable Abbe's numbers and glass-transition temperatures via terpolymerization. <i>Polymer Chemistry</i> , 2015, 6, 4978-4983.	1.9	56
5	Poly(trimethylene monothiocarbonate) from the Alternating Copolymerization of COS and Oxetane: A Semicrystalline Copolymer. <i>Macromolecules</i> , 2016, 49, 8863-8868.	2.2	52
6	An Investigation of the Pathways for Oxygen/Sulfur Scramblings during the Copolymerization of Carbon Disulfide and Oxetane. <i>Macromolecules</i> , 2015, 48, 5526-5532.	2.2	49
7	An Examination of the Steric and Electronic Effects in the Copolymerization of Carbonyl Sulfide and Styrene Oxide. <i>Macromolecules</i> , 2015, 48, 6057-6062.	2.2	46
8	Alternating copolymerization of carbonyl sulfide and Cyclohexene Oxide catalyzed by zinc-cobalt double metal cyanide complex. <i>Polymer</i> , 2014, 55, 3688-3695.	1.8	45
9	Enhanced Luminescence of Eu-Doped TiO ₂ Nanodots. <i>Nanoscale Research Letters</i> , 2009, 4, 809-13.	3.1	40
10	Highly regioselective and alternating copolymerization of carbonyl sulfide with phenyl glycidyl ether. <i>Polymer Chemistry</i> , 2015, 6, 6955-6958.	1.9	38
11	Catalysis of carbon dioxide and oxetanes to produce aliphatic polycarbonates. <i>Green Chemistry</i> , 2020, 22, 7707-7724.	4.6	32
12	Catalyst-Free Construction of Versatile and Functional CS ₂ -Based Polythioureas: Characteristics from Self-Healing to Heavy Metal Absorption. <i>Macromolecules</i> , 2019, 52, 8596-8603.	2.2	31
13	Size- and density-controlled synthesis of TiO ₂ nanodots on a substrate by phase-separation-induced self-assembly. <i>Nanotechnology</i> , 2009, 20, 215605.	1.3	27
14	Zwitterionic Alternating Polymerization to Generate Semicrystalline and Recyclable Cyclic Polythiourethanes. <i>ACS Macro Letters</i> , 2020, 9, 866-871.	2.3	27
15	Non-Isocyanate and Catalyst-Free Synthesis of a Recyclable Polythiourethane with Cyclic Structure. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5693-5703.	3.2	27
16	Mechanistic Study of Regio-Defects in the Copolymerization of Propylene Oxide/Carbonyl Sulfide Catalyzed by (Salen)CrX Complexes. <i>Macromolecules</i> , 2017, 50, 8426-8437.	2.2	24
17	Synthesis of cyclic monothiocarbonates via the coupling reaction of carbonyl sulfide (COS) with epoxides. <i>Catalysis Science and Technology</i> , 2016, 6, 188-192.	2.1	22
18	Preparation and Laser Marking Properties of Poly(propylene)/Molybdenum Sulfide Composite Materials. <i>ACS Omega</i> , 2021, 6, 9129-9140.	1.6	9

#	ARTICLE	IF	CITATIONS
19	Solution route to large area all-TiO ₂ one-dimensional photonic crystals with high reflectivity and different structural colors. Nanotechnology, 2020, 31, 135209.	1.3	6
20	Direct imprinting of TiO ₂ patterns on highly curved substrates. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2020, 38, .	0.6	3
21	Highly grafted functional polymer for promoting mechanical properties of EPDM/NFMs composite. Polymer Bulletin, 0, , 1.	1.7	3