

# Wang Haobing

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Terpolymerization of Ethylene and Two Different Methoxyaryl-Substituted Propylenes by Scandium Catalyst Makes Tough and Fast Self-Healing Elastomers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26192-26198.	13.8	35
2	Terpolymerization of Ethylene and Two Different Methoxyaryl-Substituted Propylenes by Scandium Catalyst Makes Tough and Fast Self-Healing Elastomers. <i>Angewandte Chemie</i> , 2021, 133, 26396-26402.	2.0	6
3	Transition Metal-Catalyzed Copolymerization of Olefins With Polar Functional Monomers. , 2021, , .		0
4	Co-syndiospecific Alternating Copolymerization of Functionalized Propylenes and Styrene by Rare-Earth Catalysts. <i>Angewandte Chemie</i> , 2020, 132, 7240-7244.	2.0	21
5	Co-syndiospecific Alternating Copolymerization of Functionalized Propylenes and Styrene by Rare-Earth Catalysts. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7173-7177.	13.8	58
6	Scandium-Catalyzed Regio- and Stereoselective Cyclopolymerization of Functionalized $\pm$ -Dienes and Copolymerization with Ethylene. <i>Journal of the American Chemical Society</i> , 2019, 141, 12624-12633.	13.7	70
7	Synthesis of Self-Healing Polymers by Scandium-Catalyzed Copolymerization of Ethylene and Anisylpropylenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 3249-3257.	13.7	144
8	Metal-catalyzed C-H activation for polymer synthesis and functionalization. <i>Coordination Chemistry Reviews</i> , 2018, 376, 506-532.	18.8	57
9	Highly Active Chiral Oxazolonyl Aminophenolate Magnesium Initiators for Isoselective Ring-Opening Polymerization of rac-Lactide: Dinuclearity Induced Enantiomorphic Site Control. <i>Macromolecules</i> , 2018, 51, 5304-5312.	4.8	53
10	Unprecedented Reaction Pathway of Sterically Crowded Calcium Complexes: Sequential C-N Bond Cleavage Reactions Induced by C-H Bond Activations. <i>Chemistry - an Asian Journal</i> , 2017, 12, 239-247.	3.3	3
11	Highly Isoselective and Active Zinc Catalysts for rac-Lactide Polymerization: Effect of Pendant Groups of Aminophenolate Ligands. <i>Macromolecules</i> , 2017, 50, 7911-7919.	4.8	59
12	Magnesium complexes in diverse coordination patterns supported by tetradentate aminophenolate ligands: Synthesis, characterization and application in the stereocontrolled ring-opening polymerization of rac-LA. <i>Polyhedron</i> , 2016, 117, 569-578.	2.2	14
13	Exploring Steric Effects in Diastereoselective Synthesis of Chiral Aminophenolate Zinc Complexes and Stereoselective Ring-Opening Polymerization of rac-Lactide. <i>Inorganic Chemistry</i> , 2016, 55, 7356-7372.	4.0	44
14	Diastereoselective synthesis of chiral aminophenolate magnesium complexes and their application in the stereoselective polymerization of rac-lactide and rac- $\beta$ -butyrolactone. <i>Dalton Transactions</i> , 2016, 45, 10942-10953.	3.3	36
15	Stereoselective Polymerization of rac-Lactide Catalyzed by Zinc Complexes with Tetradentate Aminophenolate Ligands in Different Coordination Patterns: Kinetics and Mechanism. <i>Inorganic Chemistry</i> , 2015, 54, 5839-5854.	4.0	70
16	Stereoselectivity Switch between Zinc and Magnesium Initiators in the Polymerization of rac-Lactide: Different Coordination Chemistry, Different Stereocontrol Mechanisms. <i>Macromolecules</i> , 2014, 47, 7750-7764.	4.8	113
17	Aluminum methyl and isopropoxide complexes with ketimate ligands: Synthesis, structural characterization and ring-opening polymerization of cyclic esters. <i>Polyhedron</i> , 2014, 81, 11-20.	2.2	29
18	Highly diastereoselective synthesis of chiral aminophenolate zinc complexes and isoselective polymerization of rac-lactide. <i>Chemical Communications</i> , 2013, 49, 8686.	4.1	111