

# Wang Haobing

## List of Publications by Year in descending order

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