

# Zhongzheng Cai

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fine-Tuning Nickel Phenoxyimine Olefin Polymerization Catalysts: Performance Boosting by Alkali Cations. <i>Journal of the American Chemical Society</i> , 2015, 137, 15501-15510.	13.7	83
2	Biobased High-Performance Aromatic $\alpha$ -Aliphatic Polyesters with Complete Recyclability. <i>Journal of the American Chemical Society</i> , 2021, 143, 20591-20597.	13.7	81
3	Highly Reactive Cyclic Carbonates with a Fused Ring toward Functionalizable and Recyclable Polycarbonates. <i>ACS Macro Letters</i> , 2022, 11, 173-178.	4.8	57
4	Advancing the Development of Recyclable Aromatic Polyesters by Functionalization and Stereocomplexation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	45
5	Insights into CO <sub>2</sub> Adsorption in $\alpha$ -OH Functionalized MOFs. <i>Chemistry of Materials</i> , 2020, 32, 4257-4264.	6.7	38
6	Customizing Polyolefin Morphology by Selective Pairing of Alkali Ions with Nickel Phenoxyimine-Polyethylene Glycol Catalysts. <i>Organometallics</i> , 2017, 36, 4691-4698.	2.3	36
7	Palladium $\alpha$ -Catalyzed Highly Regioselective Arylation of Allylamines with Thiophenes and Furans. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 3225-3230.	4.3	32
8	Thermally Robust Heterobimetallic Palladium $\alpha$ -Alkali Catalysts for Ethylene and Alkyl Acrylate Copolymerization. <i>Organometallics</i> , 2018, 37, 3874-3882.	2.3	32
9	Accelerating ethylene polymerization using secondary metal ions in tetrahydrofuran. <i>Dalton Transactions</i> , 2019, 48, 17887-17897.	3.3	26
10	Cooperative Heterobimetallic Catalysts in Coordination Insertion Polymerization. <i>Comments on Inorganic Chemistry</i> , 2019, 39, 27-50.	5.2	21
11	Stereoselective Ring-Opening Polymerization of Lactones with a Fused Ring Leading to Semicrystalline Polyesters. <i>Macromolecules</i> , 2022, 55, 2777-2786.	4.8	17
12	Using Postsynthetic X-Type Ligand Exchange to Enhance CO <sub>2</sub> Adsorption in Metal $\alpha$ -Organic Frameworks with Kuratowski-Type Building Units. <i>Inorganic Chemistry</i> , 2021, 60, 11784-11794.	4.0	11
13	Direct NO Reduction by a Biomimetic Iron(II) Pyrazolate MOF. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21221-21225.	13.8	11
14	Advancing the Development of Recyclable Aromatic Polyesters by Functionalization and Stereocomplexation. <i>Angewandte Chemie</i> , 0, , .	2.0	8
15	Direct NO Reduction by a Biomimetic Iron(II) Pyrazolate MOF. <i>Angewandte Chemie</i> , 2021, 133, 21391-21395.	2.0	0