

Xiaowu Wang

List of Publications by Year in descending order

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16
papers

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1039880

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docs citations

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358
citing authors

#	ARTICLE	IF	CITATIONS
1	Internal Adduct Formation of Active Intramolecular C ₄ -bridged Frustrated Phosphane/Borane Lewis Pairs. <i>Journal of the American Chemical Society</i> , 2014, 136, 3293-3303.	6.6	113
2	Tuning the Porphyrin Building Block in Self-Assembled Cages for Branched-Selective Hydroformylation of Propene. <i>Chemistry - A European Journal</i> , 2017, 23, 14769-14777.	1.7	47
3	Influences of Fluorine Substituents on Iminopyridine Fe(II)- and Co(II)-Catalyzed Isoprene Polymerization. <i>Polymers</i> , 2018, 10, 934.	2.0	29
4	Synthesis and characterization of aminopyridine iron(II) chloride catalysts for isoprene polymerization: sterically controlled monomer enchainment. <i>Dalton Transactions</i> , 2019, 48, 7862-7874.	1.6	25
5	Iminoimidazole-based Co(II) and Fe(II) complexes: Syntheses, characterization, and catalytic behaviors for isoprene polymerization. <i>Journal of Polymer Science Part A</i> , 2019, 57, 767-775.	2.5	24
6	Controlled isoprene polymerization mediated by iminopyridine-iron(II) acetylacetonate pre-catalysts. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4836.	1.7	22
7	An unsymmetrical binuclear iminopyridine-iron complex and its catalytic isoprene polymerization. <i>Chemical Communications</i> , 2020, 56, 8846-8849.	2.2	21
8	N-Heterocyclic olefins and thioureas as an efficient cooperative catalyst system for ring-opening polymerization of γ -valerolactone. <i>Polymer Chemistry</i> , 2019, 10, 1832-1838.	1.9	20
9	Exploration of the Synergistic Effect in a One-Component Lewis Pair System: Serving as a Dual Initiator and Catalyst in the Ring-Opening Polymerization of Epoxides. <i>ACS Catalysis</i> , 2022, 12, 8434-8443.	5.5	17
10	Binuclear aluminum Lewis acid and its behavior in the polymerization of methyl methacrylate and <i>n</i> -butyl acrylate. <i>Polymer Chemistry</i> , 2020, 11, 5526-5533.	1.9	10
11	(η^5 -Ferrocene-salaldiminato)zirconium Complexes for Ethylene Polymerization Catalysis: The Role of the Bulky Substituents. <i>Organometallics</i> , 2012, 31, 6741-6752.	1.1	9
12	Ionic (Co)Organocatalyst with (Thio)Urea Anion and Tetra <i>n</i> -butyl Ammonium Cation for the Polymerization of γ -Butyrolactone. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000172.	1.1	9
13	Controlled and efficient polymerization of methyl methacrylate catalyzed by pyridinylidenaminophosphine based Lewis pairs. <i>Polymer Chemistry</i> , 2021, 12, 4226-4234.	1.9	8
14	Synthesis, Characterization of Pyridyl Heterocyclic Olefins (PHOs) and Activation of Heterocumulenes. <i>ChemistrySelect</i> , 2019, 4, 8655-8660.	0.7	6
15	Synthetic and mechanistic aspects of anionic polymerization of methyl methacrylate using tetrabutyl ammonium thioimidate. <i>Journal of Polymer Science</i> , 2021, 59, 764-774.	2.0	1
16	1,5,7-Triazabicyclodec-5-ene-Promoted Direct Vinylogous Aldol Reaction for the Synthesis of 3-Hydroxy-2-oxoindole Derivatives. <i>Synlett</i> , 2019, 30, 573-576.	1.0	0