

Hong-Liang Mu

List of Publications by Year in descending order

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721
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#	ARTICLE	IF	CITATIONS
1	Enhancement on Hemilabile Phosphine-Amide Palladium and Nickel Catalysts for Ethylene (Co)Polymerization with Polar Monomers Using a Cyclizing Strategy. Chinese Journal of Polymer Science (English Edition), 2022, 40, 241-247.	3.8	6
2	Slow-chain-walking polymerization of ethylene and highly chain-straightening polymerization of 1-hexene to access semicrystalline polyolefins. European Polymer Journal, 2022, 166, 111022.	5.4	7
3	Suppression of Chain Transfer and Promotion of Chain Propagation in Neutral Anilinetropone Nickel Polymerization Catalysis. Macromolecules, 2022, 55, 2533-2541.	4.8	13
4	Enhancement on Nickel-Mediated Ethylene Polymerization by Concerted Steric Hindrance and Fluorine Effect. Acta Chimica Sinica, 2022, 80, 741.	1.4	2
5	Positive Effect of Polar Solvents in Olefin Polymerization Catalysis. Macromolecules, 2022, 55, 5441-5447.	4.8	10
6	Efficient Suppression of Chain Transfer and Branching via σ -Type Shielding in a Neutral Nickel(II) Catalyst. Angewandte Chemie - International Edition, 2021, 60, 4018-4022.	13.8	51
7	Efficient Suppression of Chain Transfer and Branching via π -Type Shielding in a Neutral Nickel(II) Catalyst. Angewandte Chemie, 2021, 133, 4064-4068.	2.0	5
8	Palladium Promoted Copolymerization of Carbon Monoxide with Polar or Non-polar Olefinic Monomers. Current Organic Chemistry, 2021, 25, 287-300.	1.6	11
9	Recent advances in nickel mediated copolymerization of olefin with polar monomers. Coordination Chemistry Reviews, 2021, 435, 213802.	18.8	114
10	A readily available neutral nickel catalyst for accessing linear ultrahigh molecular weight polyethylene in a living manner. Journal of Catalysis, 2021, 400, 332-337.	6.2	13
11	Custom-made polar monomers utilized in nickel and palladium promoted olefin copolymerization. Polymer Chemistry, 2021, 12, 3878-3892.	3.9	33
12	A high-performance polycyanurate network derived from 4,4'-biscyanato-2,2'-trifluoromethylbiphenyl. Polymer Chemistry, 2020, 11, 784-788.	3.9	5
13	Ethylene Polymerization and Copolymerization with Polar Monomers by Benzothiophene-bridged BPMO-Pd Catalysts. Chinese Journal of Polymer Science (English Edition), 2020, 38, 579-586.	3.8	16
14	Synthesis and gas separation performance of intrinsically microporous polyimides derived from sterically hindered binaphthalenetetracarboxylic dianhydride. Polymer Chemistry, 2020, 11, 4172-4179.	3.9	11
15	Indole-bridged bisphosphine-monoxide palladium catalysts for ethylene polymerization and copolymerization with polar monomers. Polymer Chemistry, 2020, 11, 2740-2748.	3.9	14
16	Systematic studies on dibenzhydryl and pentiptycenylyl substituted pyridine-imine nickel(ii) mediated ethylene polymerization. Dalton Transactions, 2020, 49, 4824-4833.	3.3	23
17	A comprehensive picture on catalyst structure construction in palladium catalyzed ethylene (co)polymerizations. Journal of Catalysis, 2020, 383, 215-220.	6.2	15
18	Heteroaryl Backbone Strategy in Bisphosphine Monoxide Palladium-Catalyzed Ethylene Polymerization and Copolymerization with Polar Monomers. Organometallics, 2019, 38, 2990-2997.	2.3	22

#	ARTICLE	IF	CITATIONS
19	Efficient Addition Polymerization of Norbornene with Polar Norbornene Derivatives by Neutral Nickel(II) Catalysts. Chinese Journal of Polymer Science (English Edition), 2019, 37, 1215-1223.	3.8	6
20	Pentapyridyl Substituents in Insertion Polymerization with η^5 -Diimine Nickel and Palladium Species. Organometallics, 2019, 38, 2075-2083.	2.3	92
21	Preparation and <i>in situ</i> chain-end-functionalization of branched ethylene oligomers by monosubstituted η^5 -diimine nickel catalysts. Polymer Chemistry, 2019, 10, 2596-2607.	3.9	29
22	Elaborate Tuning in Ligand Makes a Big Difference in Catalytic Performance: Bulky Nickel Catalysts for (Co)polymerization of Ethylene with Promising Vinyl Polar Monomers. ChemCatChem, 2019, 11, 2329-2340.	3.7	39
23	Phosphine (oxide) η^5 (thio) phenolate palladium complexes: Synthesis, characterization and (co)polymerization of norbornene. Applied Organometallic Chemistry, 2018, 32, e4013.	3.5	9
24	Robust Bulky [P,O] Neutral Nickel Catalysts for Copolymerization of Ethylene with Polar Vinyl Monomers. ACS Catalysis, 2018, 8, 5963-5976.	11.2	148
25	9,9-Dimethylxanthene-based binuclear phenoxy-imine neutral nickel(II) catalysts for ethylene homo- and copolymerization. Journal of Organometallic Chemistry, 2017, 836-837, 34-43.	1.8	13
26	Colorless polyimides derived from 2R,5R,7S,10S-naphthantetracarboxylic dianhydride. Polymer Chemistry, 2017, 8, 6165-6172.	3.9	62
27	[ONNO]-type oxovanadium(V) complexes containing amine pyridine bis(phenolate) ligands: synthesis, characterization and catalytic behavior for ethylene (co)polymerization. Journal of Molecular Catalysis A, 2015, 398, 289-296.	4.8	25
28	Well-defined phosphino-phenolate neutral nickel(ii) catalysts for efficient (co)polymerization of norbornene and ethylene. Dalton Transactions, 2015, 44, 7382-7394.	3.3	28
29	Neutral Nickel Catalysts for Olefin Homo- and Copolymerization: Relationships between Catalyst Structures and Catalytic Properties. Chemical Reviews, 2015, 115, 12091-12137.	47.7	316
30	Efficient synthesis of diverse well-defined functional polypropylenes with high molecular weights and high functional group contents via thiol η^5 halogen click chemistry. Polymer Chemistry, 2015, 6, 1150-1158.	3.9	26
31	New Half-Sandwich Chromium(III) Complexes Bearing Phenoxy-Phosphine (Oxide) [O,P(η^5 O)] Ligands: Synthesis, Structures, and Catalytic Properties for Ethylene (Co)Polymerization. Organometallics, 2013, 32, 4805-4812.	2.3	12
32	Functionalization of vinylic addition polynorbornenes via efficient copolymerization of norbornene using Ni(II) η^5 Me complexes. Journal of Polymer Science Part A, 2012, 50, 562-570.	2.3	17
33	Observations and Mechanistic Insights on Unusual Stability of Neutral Nickel Complexes with a Sterically Crowded Metal Center. Organometallics, 2011, 30, 925-934.	2.3	41
34	Ethylene polymerization by the chromium catalysts based on bidentate [O, P(η^5 O)] or [S, P] ligands. Journal of Polymer Science Part A, 2010, 48, 311-319.	2.3	23
35	Accessible, Highly Active Single-Component η^5 -Ketiminato Neutral Nickel(II) Catalysts for Ethylene Polymerization. Organometallics, 2010, 29, 2306-2314.	2.3	40
36	Highly Active Single-Component Neutral Nickel Ethylene Polymerization Catalysts: The Influence of Electronic Effects and Spectator Ligands. Organometallics, 2010, 29, 6282-6290.	2.3	35