

# Yun-Jie Luo

## List of Publications by Year in descending order

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47  
papers

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citations

394421

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times ranked

732  
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#	ARTICLE	IF	CITATIONS
1	Scandium Half-Metallocene-Catalyzed Syndiospecific Styrene Polymerization and Styrene $\alpha$ -Ethylene Copolymerization: An Unprecedented Incorporation of Syndiotactic Styrene $\alpha$ -Styrene Sequences in Styrene $\alpha$ -Ethylene Copolymers. <i>Journal of the American Chemical Society</i> , 2004, 126, 13910-13911.	13.7	346
2	Rare earth metal bis(alkyl) complexes bearing a monodentate arylamido ancillary ligand: Synthesis, structure, and Olefin polymerization catalysis. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 536-544.	1.8	70
3	[(SiMe <sub>3</sub> ) <sub>2</sub> NC(NiPr) <sub>2</sub> ] <sub>2</sub> Ln( $\eta$ -4-Me) <sub>2</sub> Li(TMEDA) (Ln = Nd, Yb) as Effective Single-Component Initiators for Styrene Polymerization. <i>Macromolecules</i> , 2002, 35, 8670-8671.	4.8	69
4	Rare earth metal bis(amide) complexes bearing amidinate ancillary ligands: Synthesis, characterization, and performance as catalyst precursors for cis-1,4 selective polymerization of isoprene. <i>Dalton Transactions</i> , 2011, 40, 3053.	3.3	53
5	Unusual Si $\alpha$ -H Bond Activation and Formation of Cationic Scandium Amide Complexes from a Mono(amidinate)-Ligated Scandium Bis(silylamide) Complex and Their Performance in Isoprene Polymerization. <i>Organometallics</i> , 2012, 31, 3730-3735.	2.3	48
6	Stereo-selectivity switchable ROP of <i>rac</i> - $\beta$ -butyrolactone initiated by salen-ligated rare-earth metal amide complexes: the key role of the substituents on ligand frameworks. <i>Chemical Communications</i> , 2018, 54, 11998-12001.	4.1	46
7	Metal-Free Nitration of the C(sp <sup>3</sup> ) $\alpha$ -H Bonds of 2-Oxindoles through Radical Coupling Reaction at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3551-3554.	4.3	44
8	Stereoselective Polymerization of Styrene with Cationic Scandium Precursors Bearing Quinoyl Aniline Ligands. <i>Organometallics</i> , 2010, 29, 1916-1923.	2.3	43
9	Half-Sandwich Scandium Bis(amide) Complexes as Efficient Catalyst Precursors for Syndiospecific Polymerization of Styrene. <i>Organometallics</i> , 2011, 30, 3270-3274.	2.3	41
10	Half-sandwich rare-earth-metal derivatives bearing pyrrolidinyl-functionalized cyclopentadienyl ligand: synthesis, characterization and catalysis in syndiospecific polymerization of styrene. <i>New Journal of Chemistry</i> , 2013, 37, 2675.	2.8	32
11	Synthesis of mono-amidinate-ligated rare-earth-metal bis(silylamide) complexes and their reactivity with [Ph <sub>3</sub> C][B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ], AlMe <sub>3</sub> and isoprene. <i>Dalton Transactions</i> , 2013, 42, 4040.	3.3	31
12	Synthesis of mono(guanidinate) rare earth metal bis(amide) complexes and their performance in the ring-opening polymerization of $\epsilon$ -lactide and <i>rac</i> -lactide. <i>New Journal of Chemistry</i> , 2012, 36, 933.	2.8	27
13	Transition-Metal-Free C(sp <sup>3</sup> ) $\alpha$ -H Hydroxylation of 2-Oxindoles with Peroxides via Radical Cross-Coupling Reaction in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8029-8033.	6.7	27
14	Dual Catalysis of the Selective Polymerization of Biosourced Myrcene and Methyl Methacrylate Promoted by Salicylaldiminato Cobalt(II) Complexes with a Pendant Donor. <i>Organometallics</i> , 2019, 38, 278-288.	2.3	25
15	Synthesis of Guanidines from Amines and Carbodiimides Catalyzed by Mono $\alpha$ -indenyl $\alpha$ -Ligated Rare Earth Metal Bis(silylamide) Complexes. <i>Chinese Journal of Chemistry</i> , 2013, 31, 1065-1071.	4.9	22
16	Synthesis, characterization, and styrene polymerization catalysis of pyridyl-functionalized indenyl rare earth metal bis(silylamide) complexes. <i>Journal of Organometallic Chemistry</i> , 2013, 738, 24-28.	1.8	22
17	Addition of C $\alpha$ -H Bonds of Pyridine Derivatives to Alkenes Catalyzed by Zirconium Complexes Bearing Amine-Bridged Bis(phenolato) Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 11788-11800.	4.0	22
18	Synthesis and properties investigation of hydroxyl functionalized polyisoprene prepared by cobalt catalyzed co-polymerization of isoprene and hydroxylmyrcene. <i>Polymer Chemistry</i> , 2020, 11, 2034-2043.	3.9	22

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19	Synthesis, crystal structure of bis(arylamido)lanthanide methyl complexes and their catalytic behavior for the polymerization of methyl methacrylate. <i>Journal of Organometallic Chemistry</i> , 2003, 679, 125-129.	1.8	19
20	Perfectly isoselective polymerization of 2-vinylpyridine promoted by $\hat{\text{I}}^2$ -diketiminato rare-earth metal cationic complexes. <i>Dalton Transactions</i> , 2018, 47, 14985-14991.	3.3	19
21	Controlling external diphenylcyclohexylphosphine feeding to achieve cis-1,4-syn-1,2 sequence controlled polybutadienes via cobalt catalyzed 1,3-butadiene polymerization. <i>Journal of Catalysis</i> , 2019, 377, 367-377.	6.2	19
22	Synthesis and characterization of yttrium complexes bearing a bulky arylamido ancillary ligand. <i>Inorganica Chimica Acta</i> , 2008, 361, 1255-1260.	2.4	17
23	Rare-earth metal bis(aminobenzyl) complexes supported by pyrrolyl-functionalized arylamide ligands: synthesis, characterization and styrene polymerization performance. <i>Dalton Transactions</i> , 2018, 47, 9709-9716.	3.3	17
24	Deoxygenation of Primary Amides to Amines with Pinacolborane Catalyzed by $\text{Ca}[\text{N}(\text{SiMe}_3)_2]_2(\text{THF})_2$ . <i>Organometallics</i> , 2021, 40, 1201-1206.	2.3	17
25	Nickel-Catalyzed Reductive Csp <sup>2</sup> –Csp <sup>3</sup> Cross Coupling Using Phosphonium Salts. <i>Organic Letters</i> , 2021, 23, 8183-8188.	4.6	17
26	Rare-earth metal bis(silylamide) complexes supported by ferrocene-substituted amidinate and their performance in cis-1,4-selective polymerization of isoprene. <i>Journal of Organometallic Chemistry</i> , 2017, 846, 18-23.	1.8	16
27	Controlled iso-specific polymerization of 2-vinylpyridine catalyzed by arylamide-ligated rare-earth metal aminobenzyl complexes. <i>Dalton Transactions</i> , 2018, 47, 15967-15976.	3.3	16
28	Rare-earth metal bis(silylamide) complexes supported by mono-dentate arylamido ligand: synthesis, reactivity, and catalyst precursors in living cis-1,4-selective polymerization of isoprene. <i>Dalton Transactions</i> , 2016, 45, 1391-1397.	3.3	13
29	Synthesis, characterization and reactivity of rare-earth metal amide complexes supported by pyrrolyl-substituted cyclopentadienyl ligand. <i>Journal of Organometallic Chemistry</i> , 2018, 863, 10-14.	1.8	13
30	Lanthanum complexes stabilized by a pentadentate Schiff-base ligand: synthesis, characterization, and reactivity in statistical copolymerization of $\hat{\mu}$ -caprolactone and $\langle \text{scp} \rangle$ -lactide. <i>Dalton Transactions</i> , 2020, 49, 5842-5850.	3.3	13
31	Bimetallic Rare Earth Alkyl Complexes Bearing Bridged Amidinate Ligands: Synthesis and Activity for $\langle i \rangle$ -Lactide Polymerization. <i>Chinese Journal of Chemistry</i> , 2010, 28, 457-462.	4.9	12
32	Bimetallic Arylamide-Ligated Rare-Earth Metal Complexes: Synthesis, Characterization, and Stereo-Selectively Switchable Property in 2-Vinylpyridine Polymerization. <i>Inorganic Chemistry</i> , 2020, 59, 3132-3141.	4.0	12
33	Reduction of Amides to Amines with Pinacolborane Catalyzed by Heterogeneous Lanthanum Catalyst $\text{La}(\text{CH}_2)_2\text{C}_6\text{H}_4\text{NMe}_2\text{-}3 @ \text{SBA-15}$ . <i>Inorganic Chemistry</i> , 2021, 60, 13122-13135.	4.0	11
34	Rare-earth metal bis(alkyl) complexes bearing pyrrolidinyl-functionalized cyclopentadienyl, indenyl and fluorenyl ligands: synthesis, characterization and the ligand effect on isoprene polymerization. <i>New Journal of Chemistry</i> , 2015, 39, 7575-7581.	2.8	10
35	Highly selective redistribution of primary arylsilanes to secondary arylsilanes catalyzed by $\text{Ln}(\text{CH}_2)_2\text{C}_6\text{H}_4\text{NMe}_2\text{-}3 @ \text{SBA-15}$ . <i>Chemical Communications</i> , 2020, 56, 117-120.	4.1	10
36	Facile amidation of esters with aromatic amines promoted by lanthanide tris (amide) complexes. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5517.	3.5	7

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37	La(CH <sub>2</sub> C <sub>6</sub> H <sub>4</sub> NMe <sub>2</sub> -o) <sub>3</sub> -catalyzed reduction of esters to alcohols with pinacolborane. <i>New Journal of Chemistry</i> , 2021, 45, 17654-17659.	2.8	7
38	Syntheses of Heterometallic Neodymium–Zinc Complexes and Their Performance in the Copolymerization of CO <sub>2</sub> and Cyclohexene Oxide. <i>Inorganic Chemistry</i> , 2022, 61, 10373-10382.	4.0	7
39	Synthesis, characterization and L-lactide polymerization behavior of rare-earth metal bis(silylamide) complexes supported by arylamido ligand. <i>Journal of Organometallic Chemistry</i> , 2016, 808, 117-121.	1.8	5
40	Di- and Diketiminato Rare-Earth Metal Complexes: The Influence of Monoatomic Substituents in the N-aryloxy Moieties on Structures and Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 70-76.	1.2	5
41	Redox-controlled syndio-specific polymerization of styrene catalyzed by ferrocenyl functionalized half-sandwich scandium complexes. <i>Dalton Transactions</i> , 2021, 50, 346-354.	3.3	5
42	Synthesis, Characterization, and L-Lactide Polymerization Behavior of the Dinuclear Amidinate Rare Earth Metal Amide Complexes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014, 44, 611-615.	0.6	4
43	Synthesis, Characterization, and Syndio-Specific Styrene Polymerization of Pyrrolyl-Substituted Cyclopentadienyl Scandium Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 405-409.	1.2	3
44	Hydroborative reduction of amides to amines mediated by La(CH <sub>2</sub> C <sub>6</sub> H <sub>4</sub> NMe <sub>2</sub> -o) <sub>3</sub> . <i>New Journal of Chemistry</i> , 2022, 46, 779-791.	2.8	3
45	Rare-earth metal derivatives supported by aminophenoxy ligand: Synthesis, characterization and catalytic performance in lactide polymerization. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5296.	3.5	2
46	Synthesis and Crystal Structure of Rare Earth Metal Chlorides Bearing Bridged-Indenyl Ancillary Ligand. <i>Chinese Journal of Chemistry</i> , 2011, 29, 273-277.	4.9	1
47	Synthesis, characterization, and styrene polymerization performance of organo yttrium complexes supported by imino-functionalized indenyl ligand. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 1179-1185.	1.6	0