Dan Yuan

List of Publications by Year
in descending order

54 papers	1,740 citations	236925 25 h-index	289244 40 g-index
55 all docs	55 docs citations	55 times ranked	1624 citing authors

#	Article	IF	Citations
1	Catalytic production of cyclic carbonates mediated by lanthanide phenolates under mild conditions. Chemical Communications, 2014, 50, 10952.	4.1	99
2	Dinuclear and Tetranuclear Palladium(II) Complexes of a Thiolato-Functionalized, Benzannulated N-Heterocyclic Carbene Ligand and Their Activities toward Suzukiâ^'Miyaura Coupling. Organometallics, 2010, 29, 6020-6027.	2.3	98
3	1,2,3-Triazolin-5-ylidenes: Synthesis of Hetero-bis(carbene) Pd(II) Complexes, Determination of Donor Strengths, and Catalysis. Organometallics, 2012, 31, 405-412.	2.3	95
4	Sulfur-Functionalized N-Heterocyclic Carbene Complexes of Pd(II): Syntheses, Structures and Catalytic Activities. Molecules, 2012, 17, 2491-2517.	3.8	84
5	Gold and Palladium Hetero-Bis-NHC Complexes: Characterizations, Correlations, and Ligand Redistributions. Organometallics, 2013, 32, 3685-3696.	2.3	75
6	Recyclable Single-Component Rare-Earth Metal Catalysts for Cycloaddition of CO₂ and Epoxides at Atmospheric Pressure. Inorganic Chemistry, 2017, 56, 4568-4575.	4.0	69
7	Cooperative rare earth metalâ€“zinc based heterometallic catalysts for copolymerization of CO2 and cyclohexene oxide. Green Chemistry, 2016, 18, 4270-4275.	9.0	64
8	CSC-pincer versus pseudo-pincer complexes of palladium(ii): a comparative study on complexation and catalytic activities of NHC complexes. Dalton Transactions, 2011, 40, 8788.	3.3	60
9	Synthesis of Oxazolidinones from Epoxides and Isocyanates Catalyzed by Rareâ€Earthâ€Metal Complexes. ChemCatChem, 2015, 7, 1145-1151.	3.7	60
10	Dinuclear Aluminum Poly(phenolate) Complexes as Efficient Catalysts for Cyclic Carbonate Synthesis. Organometallics, 2016, 35, 1707-1712.	2.3	50
11	Conversion of CO₂ into Cyclic Carbonates under Ambient Conditions Catalyzed by Rare-Earth Metal Complexes Bearing Poly(phenolato) Ligand. ACS Sustainable Chemistry and Engineering, 2020, 8, 13185-13194.	6.7	49
12	Highly Enantioselective Epoxidation of Î±,Î²-Unsaturated Ketones Catalyzed by Rare-Earth Amides [(Me₃Si)₂N]₃RE(Î¼-Cl)Li(THF)₃ with Phenoxy-Functionalized Chiral Prolinols. Organic Letters, 2015, 17, 2242-2245.	4.6	48
13	Transformation of Carbon Dioxide into Oxazolidinones and Cyclic Carbonates Catalyzed by Rareâ€Earthâ€Metal Phenolates. ChemCatChem, 2016, 8, 2466-2471.	3.7	47
14	Conversion of Carbon Dioxide into Oxazolidinones Mediated by Quaternary Ammonium Salts and DBU. ChemCatChem, 2017, 9, 4451-4455.	3.7	47
15	Stereo-selectivity switchable ROP of rac-Î²-butyrolactone initiated by salan-ligated rare-earth metal amide complexes: the key role of the substituents on ligand frameworks. Chemical Communications, 2018, 54, 11998-12001.	4.1	46
16	Synthesis of Homo- and Heteronuclear Rare-Earth Metal Complexes Stabilized by Ethanolamine-Bridged Bis(phenolato) Ligands and Their Application in Catalyzing Reactions of CO₂ and Epoxides. Inorganic Chemistry, 2019, 58, 8775-8786.	4.0	44
17	Synthesis and Characterization of Yttrium and Ytterbium Complexes Supported by Salen Ligands and Their Catalytic Properties for rac-Lactide Polymerization. Organometallics, 2015, 34, 2907-2916.	2.3	41
18	Chemo- and Regioselective Hydroarylation of Alkenes with Aromatic Amines Catalyzed by [Ph₃C][B(C₆F₅)₄]. Organic Letters, 2018, 20, 3101-3104.	4.6	40

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19	Aluminum complexes derived from a hexadentate salen-type Schiff base: synthesis, structure, and catalysis for cyclic carbonate synthesis. Dalton Transactions, 2017, 46, 5848-5855.	3.3	38
20	Regioselective Hydroboration and Hydrosilylation of N-Heteroarenes Catalyzed by a Zinc Alkyl Complex. Organic Letters, 2020, 22, 5695-5700.	4.6	37
21	Syntheses and characterizations of thiolato-functionalized N-heterocyclic carbene Pd(ii) complexes with normal and mesoionic binding modes. Dalton Transactions, 2011, 40, 11698.	3.3	36
22	Stereoelectronic Profiling of Expanded-Ring N-Heterocyclic Carbenes. Inorganic Chemistry, 2019, 58, 7545-7553.	4.0	36
23	Efficient CO2 transformation under ambient condition by heterobimetallic rare earth complexes: Experimental and computational evidences of a synergistic effect. Journal of CO2 Utilization, 2019, 33, 413-418.	6.8	30
24	A Comparative Study on Dinuclear and Multinuclear Ni(II), Pd(II), and Pt(II) Complexes of a Thiolato-Functionalized, Benzannulated N-Heterocyclic Carbene Ligand. Inorganic Chemistry, 2013, 52, 6627-6634.	4.0	27
25	Synthesis of Group 4 Metal Complexes Stabilized by an Amine-Bridged Bis(phenolato) Ligand and Their Catalytic Behavior in Intermolecular Hydroamination Reactions. Organometallics, 2014, 33, 994-1001.	2.3	26
26	Metalâ€Free Cycloaddition of Epoxides and Carbon Dioxide Catalyzed by Triazoleâ€Bridged Bisphenol. ChemCatChem, 2020, 12, 4346-4351.	3.7	26
27	Bimetallic amine-bridged bis(phenolate) lanthanide aryloxides and alkoxides: synthesis, characterization, and application in the ring-opening polymerization of rac-lactide and rac-Î²-butyrolactone. Science China Chemistry, 2014, 57, 1106-1116.	8.2	24
28	Synthesis and Characterization of Dinuclear Salan Rare-Earth Metal Complexes and Their Application in the Homo- and Copolymerization of Cyclic Esters. Inorganic Chemistry, 2018, 57, 9028-9038.	4.0	24
29	Zirconium catalysed intermolecular hydroamination reactions of secondary amines with alkynes. Chemical Communications, 2015, 51, 7633-7636.	4.1	22
30	Regioselective addition of C(sp³)â€“H bonds of alkyl pyridines to olefins catalysed by cationic zirconium complexes. Chemical Communications, 2017, 53, 7401-7404.	4.1	22
31	Neutral and Cationic Zirconium Complexes Bearing Multidentate Aminophenolato Ligands for Hydrophosphination Reactions of Alkenes and Heterocumulenes. Inorganic Chemistry, 2018, 57, 139-149.	4.0	22
32	Addition of Câ€“H Bonds of Pyridine Derivatives to Alkenes Catalyzed by Zirconium Complexes Bearing Amine-Bridged Bis(phenolato) Ligands. Inorganic Chemistry, 2018, 57, 11788-11800.	4.0	22
33	Synthesis and characterization of rare-earth metal guanidinates stabilized by amine-bridged bis(phenolate) ligands and their application in the controlled polymerization of rac-lactide and rac-Î²-butyrolactone. RSC Advances, 2015, 5, 53161-53171.	3.6	21
34	Hetero-dicarbene Complexes of Palladium(II): Syntheses and Catalytic Activities. Organometallics, 2014, 33, 6033-6043.	2.3	19
35	Heterobimetallic rare earth metalâ€“zinc catalysts for reactions of epoxides and CO₂ under ambient conditions. Dalton Transactions, 2021, 50, 1453-1464.	3.3	19
36	Zirconium complexes stabilized by amine-bridged bis(phenolato) ligands as precatalysts for intermolecular hydroamination reactions. Dalton Transactions, 2015, 44, 20352-20360.	3.3	18

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37	A convenient method to prepare random LA/CL copolymers from poly(L-lactide) and Îµ-caprolactone. Science China Chemistry, 2018, 61, 708-714.	8.2	18
38	Synthesis of amine-bridged bis(phenolate) rare-earth metal aryloxides and their catalytic performances for the ring-opening polymerization of <scp>l</scp>-lactic acid O-carboxyanhydride and <scp>l</scp>-lactide. Dalton Transactions, 2017, 46, 15928-15938.	3.3	15
39	Intramolecular hydroamination reactions catalyzed by zirconium complexes bearing bridged bis(phenolato) ligands. RSC Advances, 2016, 6, 10541-10548.	3.6	11
40	Synthesis, Characterization, and Catalytic Study of Amine-Bridged Bis(phenolato) Co(II) and Co(II/III)-M(I) Complexes (M = K or Na). Inorganic Chemistry, 2021, 60, 11521-11529.	4.0	11
41	Cycloaddition of di-substituted epoxides and CO₂under ambient conditions catalysed by rare-earth poly(phenolate) complexes. Inorganic Chemistry Frontiers, 2022, 9, 2969-2979.	6.0	11
42	A Multicomponent Approach to Oxazolidinone Synthesis Catalyzed by Rareâ€Earth Metal Amides. ChemCatChem, 2019, 11, 5783-5787.	3.7	10
43	Hydrophosphination of alkenes and alkynes with primary phosphines catalyzed by zirconium complexes bearing aminophenolato ligands. Dalton Transactions, 2018, 47, 9090-9095.	3.3	9
44	Rare-Earth Metal Complexes Supported by Polydentate Phenoxy-Type Ligand Platforms: Câ€“H Activation Reactivity and CO2/Epoxide Copolymerization Catalysis. Inorganic Chemistry, 2020, 59, 16976-16987.	4.0	9
45	Heterobimetallic Lanthanideâ€“Sodium Alkoxides Catalyze the Amidation of Esters. Asian Journal of Organic Chemistry, 2018, 7, 810-814.	2.7	8
46	Directingâ€Groupâ€Free C7â€Alkylations of Nâ€Alkylindoles Mediated by Cationic Zirconium Complexes: Role of BrÃ¸nsted Acid for Catalytic Manifold. Chemistry - A European Journal, 2019, 25, 7292-7297.	3.3	8
47	Alternating copolymerization of CO2 and cyclohexene oxide initiated by rare-earth metal complexes stabilized by o-phenylenediamine-bridged tris(phenolate) ligand. Journal of Rare Earths, 2021, , .	4.8	8
48	Synthesis, Characterization, and Catalytic Study of Caffeine-Derived N-heterocyclic Carbene Palladium Complexes. Organometallics, 2022, 41, 161-168.	2.3	8
49	Applications of boroxide ligands in supporting small molecule activation by U(<scp>iii</scp>) and U(<scp>iv</scp>) complexes. Dalton Transactions, 2019, 48, 4894-4905.	3.3	7
50	Syntheses of Heterometallic Neodymiumâ€“Zinc Complexes and Their Performance in the Copolymerization of CO₂ and Cyclohexene Oxide. Inorganic Chemistry, 2022, 61, 10373-10382.	4.0	7
51	Bifunctional Rareâ€Earth Metal Catalysts for Conversion of CO₂ and Epoxides into Cyclic Carbonates. Asian Journal of Organic Chemistry, 2022, 11, .	2.7	6
52	Synthesis of N-Methyl-o-phenylenediamine-Bridged Bis(phenolato) Lanthanide Alkoxides and Their Catalytic Performance for the (Co)Polymerization of rac-Butyrolactone and <scp>l</scp>-Lactide. Inorganic Chemistry, 2022, 61, 9918-9929.	4.0	5
53	Synthesis and structural characterization of lanthanide monoborohydride complexes supported by 2-tertbutylphenyl substituted Î²-diketiminate, and their application in the ring-opening polymerization of lactide. Journal of Organometallic Chemistry, 2021, 934, 121662.	1.8	2
54	Synthesis and characterization of Al (III)â€Zn (II) heterometallic complex and the application in ringâ€opening polymerization of cyclohexene oxide. Applied Organometallic Chemistry, 2022, 36, .	3.5	2