

# Dan Yuan

## List of Publications by Year in descending order

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54  
papers

1,740  
citations

236925

25  
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289244

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55  
docs citations

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times ranked

1624  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, Characterization, and Catalytic Study of Caffeine-Derived N-heterocyclic Carbene Palladium Complexes. <i>Organometallics</i> , 2022, 41, 161-168.	2.3	8
2	Cycloaddition of di-substituted epoxides and CO <sub>2</sub> under ambient conditions catalysed by rare-earth poly(phenolate) complexes. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2969-2979.	6.0	11
3	Bifunctional Rare-Earth Metal Catalysts for Conversion of CO <sub>2</sub> and Epoxides into Cyclic Carbonates. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	6
4	Synthesis of <i>N</i> -Methyl- <i>o</i> -phenylenediamine-Bridged Bis(phenolato) Lanthanide Alkoxides and Their Catalytic Performance for the (Co)Polymerization of <i>rac</i> -Butyrolactone and <i>scp</i> -Lactide. <i>Inorganic Chemistry</i> , 2022, 61, 9918-9929.	4.0	5
5	Synthesis and characterization of Al (III)-Zn (II) heterometallic complex and the application in ring-opening polymerization of cyclohexene oxide. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	2
6	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
7	Synthesis and structural characterization of lanthanide monoborohydride complexes supported by 2-tertbutylphenyl substituted $\beta^2$ -diketiminato, and their application in the ring-opening polymerization of lactide. <i>Journal of Organometallic Chemistry</i> , 2021, 934, 121662.	1.8	2
8	Alternating copolymerization of CO <sub>2</sub> and cyclohexene oxide initiated by rare-earth metal complexes stabilized by <i>o</i> -phenylenediamine-bridged tris(phenolate) ligand. <i>Journal of Rare Earths</i> , 2021, , .	4.8	8
9	Synthesis, Characterization, and Catalytic Study of Amine-Bridged Bis(phenolato) Co(II) and Co(II/III)-M(I) Complexes (M = K or Na). <i>Inorganic Chemistry</i> , 2021, 60, 11521-11529.	4.0	11
10	Heterobimetallic rare earth metal-zinc catalysts for reactions of epoxides and CO <sub>2</sub> under ambient conditions. <i>Dalton Transactions</i> , 2021, 50, 1453-1464.	3.3	19
11	Rare-Earth Metal Complexes Supported by Polydentate Phenoxy-Type Ligand Platforms: C-H Activation Reactivity and CO <sub>2</sub> /Epoxide Copolymerization Catalysis. <i>Inorganic Chemistry</i> , 2020, 59, 16976-16987.	4.0	9
12	Conversion of CO <sub>2</sub> into Cyclic Carbonates under Ambient Conditions Catalyzed by Rare-Earth Metal Complexes Bearing Poly(phenolato) Ligand. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 13185-13194.	6.7	49
13	Regioselective Hydroboration and Hydrosilylation of N-Heteroarenes Catalyzed by a Zinc Alkyl Complex. <i>Organic Letters</i> , 2020, 22, 5695-5700.	4.6	37
14	Metal-Free Cycloaddition of Epoxides and Carbon Dioxide Catalyzed by Triazole-Bridged Bisphenol. <i>ChemCatChem</i> , 2020, 12, 4346-4351.	3.7	26
15	Efficient CO <sub>2</sub> transformation under ambient condition by heterobimetallic rare earth complexes: Experimental and computational evidences of a synergistic effect. <i>Journal of CO<sub>2</sub> Utilization</i> , 2019, 33, 413-418.	6.8	30
16	Synthesis of Homo- and Heteronuclear Rare-Earth Metal Complexes Stabilized by Ethanolamine-Bridged Bis(phenolato) Ligands and Their Application in Catalyzing Reactions of CO <sub>2</sub> and Epoxides. <i>Inorganic Chemistry</i> , 2019, 58, 8775-8786.	4.0	44
17	Stereoelectronic Profiling of Expanded-Ring N-Heterocyclic Carbenes. <i>Inorganic Chemistry</i> , 2019, 58, 7545-7553.	4.0	36
18	A Multicomponent Approach to Oxazolidinone Synthesis Catalyzed by Rare-Earth Metal Amides. <i>ChemCatChem</i> , 2019, 11, 5783-5787.	3.7	10

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19	Directing a Group-Free C7-Alkylations of N-Alkylindoles Mediated by Cationic Zirconium Complexes: Role of Brønsted Acid for Catalytic Manifold. <i>Chemistry - A European Journal</i> , 2019, 25, 7292-7297.	3.3	8
20	Applications of boroxide ligands in supporting small molecule activation by U(III) and U(IV) complexes. <i>Dalton Transactions</i> , 2019, 48, 4894-4905.	3.3	7
21	Heterobimetallic Lanthanide-Sodium Alkoxides Catalyze the Amidation of Esters. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 810-814.	2.7	8
22	Chemo- and Regioselective Hydroarylation of Alkenes with Aromatic Amines Catalyzed by [Ph <sub>3</sub> C][B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ]. <i>Organic Letters</i> , 2018, 20, 3101-3104.	4.6	40
23	Neutral and Cationic Zirconium Complexes Bearing Multidentate Aminophenolato Ligands for Hydrophosphination Reactions of Alkenes and Heterocumulenes. <i>Inorganic Chemistry</i> , 2018, 57, 139-149.	4.0	22
24	Addition of C-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
25	Stereo-selectivity switchable ROP of <i>rac</i> - $\epsilon$ -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
26	Synthesis and Characterization of Dinuclear Salen Rare-Earth Metal Complexes and Their Application in the Homo- and Copolymerization of Cyclic Esters. <i>Inorganic Chemistry</i> , 2018, 57, 9028-9038.	4.0	24
27	A convenient method to prepare random LA/CL copolymers from poly(L-lactide) and $\mu$ -caprolactone. <i>Science China Chemistry</i> , 2018, 61, 708-714.	8.2	18
28	Hydrophosphination of alkenes and alkynes with primary phosphines catalyzed by zirconium complexes bearing aminophenolato ligands. <i>Dalton Transactions</i> , 2018, 47, 9090-9095.	3.3	9
29	Conversion of Carbon Dioxide into Oxazolidinones Mediated by Quaternary Ammonium Salts and DBU. <i>ChemCatChem</i> , 2017, 9, 4451-4455.	3.7	47
30	Regioselective addition of C(sp <sup>3</sup> )-H bonds of alkyl pyridines to olefins catalysed by cationic zirconium complexes. <i>Chemical Communications</i> , 2017, 53, 7401-7404.	4.1	22
31	Recyclable Single-Component Rare-Earth Metal Catalysts for Cycloaddition of CO <sub>2</sub> and Epoxides at Atmospheric Pressure. <i>Inorganic Chemistry</i> , 2017, 56, 4568-4575.	4.0	69
32	Aluminum complexes derived from a hexadentate salen-type Schiff base: synthesis, structure, and catalysis for cyclic carbonate synthesis. <i>Dalton Transactions</i> , 2017, 46, 5848-5855.	3.3	38
33	Synthesis of amine-bridged bis(phenolate) rare-earth metal aryloxides and their catalytic performances for the ring-opening polymerization of <i>l</i> -lactic acid <i>O</i> -carboxyanhydride and <i>l</i> -lactide. <i>Dalton Transactions</i> , 2017, 46, 15928-15938.	3.3	15
34	Transformation of Carbon Dioxide into Oxazolidinones and Cyclic Carbonates Catalyzed by Rare-Earth Metal Phenolates. <i>ChemCatChem</i> , 2016, 8, 2466-2471.	3.7	47
35	Dinuclear Aluminum Poly(phenolate) Complexes as Efficient Catalysts for Cyclic Carbonate Synthesis. <i>Organometallics</i> , 2016, 35, 1707-1712.	2.3	50
36	Cooperative rare earth metal-zinc based heterometallic catalysts for copolymerization of CO <sub>2</sub> and cyclohexene oxide. <i>Green Chemistry</i> , 2016, 18, 4270-4275.	9.0	64

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37	Intramolecular hydroamination reactions catalyzed by zirconium complexes bearing bridged bis(phenolato) ligands. <i>RSC Advances</i> , 2016, 6, 10541-10548.	3.6	11
38	Synthesis and Characterization of Yttrium and Ytterbium Complexes Supported by Salen Ligands and Their Catalytic Properties for rac-Lactide Polymerization. <i>Organometallics</i> , 2015, 34, 2907-2916.	2.3	41
39	Synthesis of Oxazolidinones from Epoxides and Isocyanates Catalyzed by Rare-Earth Metal Complexes. <i>ChemCatChem</i> , 2015, 7, 1145-1151.	3.7	60
40	Synthesis and characterization of rare-earth metal guanidinate complexes stabilized by amine-bridged bis(phenolato) ligands and their application in the controlled polymerization of rac-lactide and rac- <i>l</i> -butyrolactone. <i>RSC Advances</i> , 2015, 5, 53161-53171.	3.6	21
41	Highly Enantioselective Epoxidation of $\alpha,\beta$ -Unsaturated Ketones Catalyzed by Rare-Earth Amides [(Me) <sub>3</sub> Si] <sub>2</sub> N] <sub>3</sub> RE(I <sup>1/4</sup> -Cl)Li(THF) <sub>3</sub> with Phenoxy-Functionalized Chiral Prolinols. <i>Organic Letters</i> , 2015, 17, 2242-2245.	4.6	48
42	Zirconium catalysed intermolecular hydroamination reactions of secondary amines with alkynes. <i>Chemical Communications</i> , 2015, 51, 7633-7636.	4.1	22
43	Zirconium complexes stabilized by amine-bridged bis(phenolato) ligands as precatalysts for intermolecular hydroamination reactions. <i>Dalton Transactions</i> , 2015, 44, 20352-20360.	3.3	18
44	Synthesis of Group 4 Metal Complexes Stabilized by an Amine-Bridged Bis(phenolato) Ligand and Their Catalytic Behavior in Intermolecular Hydroamination Reactions. <i>Organometallics</i> , 2014, 33, 994-1001.	2.3	26
45	Hetero-dicarbene Complexes of Palladium(II): Syntheses and Catalytic Activities. <i>Organometallics</i> , 2014, 33, 6033-6043.	2.3	19
46	Catalytic production of cyclic carbonates mediated by lanthanide phenolates under mild conditions. <i>Chemical Communications</i> , 2014, 50, 10952.	4.1	99
47	Bimetallic amine-bridged bis(phenolato) lanthanide aryloxides and alkoxides: synthesis, characterization, and application in the ring-opening polymerization of rac-lactide and rac- <i>l</i> -butyrolactone. <i>Science China Chemistry</i> , 2014, 57, 1106-1116.	8.2	24
48	A Comparative Study on Dinuclear and Multinuclear Ni(II), Pd(II), and Pt(II) Complexes of a Thiolato-Functionalized, Benzannulated N-Heterocyclic Carbene Ligand. <i>Inorganic Chemistry</i> , 2013, 52, 6627-6634.	4.0	27
49	Gold and Palladium Hetero-Bis-NHC Complexes: Characterizations, Correlations, and Ligand Redistributions. <i>Organometallics</i> , 2013, 32, 3685-3696.	2.3	75
50	Sulfur-Functionalized N-Heterocyclic Carbene Complexes of Pd(II): Syntheses, Structures and Catalytic Activities. <i>Molecules</i> , 2012, 17, 2491-2517.	3.8	84
51	1,2,3-Triazol-5-ylidenes: Synthesis of Hetero-bis(carbene) Pd(II) Complexes, Determination of Donor Strengths, and Catalysis. <i>Organometallics</i> , 2012, 31, 405-412.	2.3	95
52	CSC-pincer versus pseudo-pincer complexes of palladium(ii): a comparative study on complexation and catalytic activities of NHC complexes. <i>Dalton Transactions</i> , 2011, 40, 8788.	3.3	60
53	Syntheses and characterizations of thiolato-functionalized N-heterocyclic carbene Pd(ii) complexes with normal and mesoionic binding modes. <i>Dalton Transactions</i> , 2011, 40, 11698.	3.3	36
54	Dinuclear and Tetranuclear Palladium(II) Complexes of a Thiolato-Functionalized, Benzannulated N-Heterocyclic Carbene Ligand and Their Activities toward Suzuki-Miyaura Coupling. <i>Organometallics</i> , 2010, 29, 6020-6027.	2.3	98