Ya Du

List of Publications by Year
in descending order

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33 papers	2,650 citations	331670 21 h-index	377865 34 g-index
39 all docs	39 docs citations	39 times ranked	3059 citing authors

#	Article	IF	Citations
1	Ionic Covalent Organic Frameworks with Spiroborate Linkage. Angewandte Chemie - International Edition, 2016, 55, 1737-1741.	13.8	503
2	Organic solvent-free process for the synthesis of propylene carbonate from supercritical carbon dioxide and propylene oxide catalyzed by insoluble ion exchange resins. Green Chemistry, 2005, 7, 518.	9.0	248
3	Strongly Reducing, Visibleâ€Light Organic Photoredox Catalysts as Sustainable Alternatives to Precious Metals. Chemistry - A European Journal, 2017, 23, 10962-10968.	3.3	196
4	Bifunctional Metalâ€Salen Complexes as Efficient Catalysts for the Fixation of CO₂ with Epoxides under Solventâ€Free Conditions. ChemSusChem, 2008, 1, 236-241.	6.8	180
5	Quaternary Ammonium Bromide Functionalized Polyethylene Glycol: A Highly Efficient and Recyclable Catalyst for Selective Synthesis of 5-Aryl-2-oxazolidinones from Carbon Dioxide and Aziridines Under Solvent-Free Conditions. Journal of Organic Chemistry, 2008, 73, 4709-4712.	3.2	164
6	Rhodium(iii)-catalyzed oxidative carbonylation of benzamides with carbon monoxide. Chemical Communications, 2011, 47, 12074.	4.1	161
7	A poly(ethylene glycol)-supported quaternary ammonium salt for highly efficient and environmentally friendly chemical fixation of CO2 with epoxides under supercritical conditions. Tetrahedron Letters, 2006, 47, 1271-1275.	1.4	128
8	Efficient synthesis of dimethyl carbonate from methanol, propylene oxide and CO2catalyzed by recyclable inorganic base/phosphonium halide-functionalized polyethylene glycol. Green Chemistry, 2007, 9, 566-571.	9.0	127
9	Mesoporous 2D covalent organic frameworks based on shape-persistent arylene-ethynylene macrocycles. Chemical Science, 2015, 6, 4049-4053.	7.4	118
10	Solutionâ€Phase Dynamic Assembly of Permanently Interlocked Aryleneethynylene Cages through Alkyne Metathesis. Angewandte Chemie - International Edition, 2015, 54, 7550-7554.	13.8	117
11	Ionic Covalent Organic Frameworks with Spiroborate Linkage. Angewandte Chemie, 2016, 128, 1769-1773.	2.0	88
12	Zirconyl chloride: an efficient recyclable catalyst for synthesis of 5-aryl-2-oxazolidinones from aziridines and CO2 under solvent-free conditions. Tetrahedron, 2009, 65, 6204-6210.	1.9	81
13	Sn-catalyzed synthesis of propylene carbonate from propylene glycol and CO2 under supercritical conditions. Journal of Molecular Catalysis A, 2005, 241, 233-237.	4.8	77
14	Application of alkyne metathesis in polymer synthesis. Journal of Materials Chemistry A, 2014, 2, 5986.	10.3	70
15	Magnesium-catalyzed synthesis of organic carbonate from 1,2-diol/alcohol and carbon dioxide. Catalysis Communications, 2008, 9, 1754-1758.	3.3	61
16	Selective Nâ€Alkylation of Amines with Alcohols by Using Nonâ€Metalâ€Based Acidâ€“Base Cooperative Catalysis. Chemistry - A European Journal, 2011, 17, 12262-12267.	3.3	52
17	Highly Active Multidentate Ligandâ€Based Alkyne Metathesis Catalysts. Chemistry - A European Journal, 2016, 22, 7959-7963.	3.3	47
18	A titanium-based porous coordination polymer as a catalyst for chemical fixation of CO₂. Journal of Materials Chemistry A, 2017, 5, 9163-9168.	10.3	43

#	Article	IF	Citations
19	Synthesis of carbonates directly from 1Âatm CO2 and alcohols using CH2Cl2. Tetrahedron, 2010, 66, 9675-9680.	1.9	27
20	Hypercrosslinked phenothiazine-based polymers as high redox potential organic cathode materials for lithium-ion batteries. RSC Advances, 2020, 10, 16732-16736.	3.6	22
21	Readily useable bulk phenoxazine-based covalent organic framework cathode materials with superior kinetics and high redox potentials. Journal of Materials Chemistry A, 2021, 9, 10661-10665.	10.3	20
22	Environmentally Benign Chemical Conversion of CO2 into Organic Carbonates Catalyzed by Phosphonium Salts. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 494-498.	1.6	16
23	Aromatic-rich hydrocarbon porous networks through alkyne metathesis. Materials Chemistry Frontiers, 2017, 1, 1369-1372.	5.9	16
24	Guanidinium Salt Functionalized PEG: An Effective and Recyclable Homo-geneous Catalyst for the Synthesis of Cyclic Carbonates from CO2 and Epoxides under Solvent-Free Conditions. Synlett, 2007, 2007, 3058-3062.	1.8	13
25	Synthesis of 2â€Aminopyran Derivatives and 3â€Arylpropionitrile Derivatives Catalyzed by KF/Al2O3. Synthetic Communications, 2004, 34, 1425-1432.	2.1	11
26	Methodologies for chemical utilization of CO2 to valuable compounds through molecular activation by efficient catalysts. Frontiers of Chemical Engineering in China, 2009, 3, 224-228.	0.6	9
27	An easily obtained hypercrosslinked pyrene-based porous organic polymer as a high performance electrode material for lithium-ion batteries. New Journal of Chemistry, 2021, 45, 7060-7064.	2.8	7
28	Acetals of N,N-Dimethylformamides: Ambiphilic Behavior in Converting Carbon Dioxide to Dialkyl Carbonates. Chemistry Letters, 2013, 42, 146-147.	1.3	4
29	Dihydrophenazineâ€Derived Redox Polymer from Industrial Byâ€Product as Lithiumâ€ion Battery Cathode Material. ChemistrySelect, 2022, 7, .	1.5	3
30	Ultrastable dihydrophenazine-based polymer from industrial waste as a sustainable lithium-ion battery cathode material. New Journal of Chemistry, 2022, 46, 14314-14317.	2.8	3
31	Frontispiece: Strongly Reducing, Visibleâ€Light Organic Photoredox Catalysts as Sustainable Alternatives to Precious Metals. Chemistry - A European Journal, 2017, 23, .	3.3	1
32	Phenazine-based spiroborate complex with enhanced electrochemical stability for lithium storage. New Journal of Chemistry, 2021, 45, 21534-21537.	2.8	1
33	Recent Advancements of Hexaazatriphenylene-Based Materials for Energy Applications. Chinese Journal of Organic Chemistry, 2021, 41, 4167.	1.3	0