

Ya Du

List of Publications by Year in descending order

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33
papers

2,650
citations

331670

21
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377865

34
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39
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39
docs citations

39
times ranked

3059
citing authors

#	ARTICLE	IF	CITATIONS
1	Dihydrophenazine-derived Redox Polymer from Industrial By-product as Lithium-ion Battery Cathode Material. <i>ChemistrySelect</i> , 2022, 7, .	1.5	3
2	Ultrastable dihydrophenazine-based polymer from industrial waste as a sustainable lithium-ion battery cathode material. <i>New Journal of Chemistry</i> , 2022, 46, 14314-14317.	2.8	3
3	An easily obtained hypercrosslinked pyrene-based porous organic polymer as a high performance electrode material for lithium-ion batteries. <i>New Journal of Chemistry</i> , 2021, 45, 7060-7064.	2.8	7
4	Readily useable bulk phenoxazine-based covalent organic framework cathode materials with superior kinetics and high redox potentials. <i>Journal of Materials Chemistry A</i> , 2021, 9, 10661-10665.	10.3	20
5	Phenazine-based spiroborate complex with enhanced electrochemical stability for lithium storage. <i>New Journal of Chemistry</i> , 2021, 45, 21534-21537.	2.8	1
6	Recent Advancements of Hexaazatriphenylene-Based Materials for Energy Applications. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 4167.	1.3	0
7	Hypercrosslinked phenothiazine-based polymers as high redox potential organic cathode materials for lithium-ion batteries. <i>RSC Advances</i> , 2020, 10, 16732-16736.	3.6	22
8	Aromatic-rich hydrocarbon porous networks through alkyne metathesis. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1369-1372.	5.9	16
9	A titanium-based porous coordination polymer as a catalyst for chemical fixation of CO ₂ . <i>Journal of Materials Chemistry A</i> , 2017, 5, 9163-9168.	10.3	43
10	Frontispiece: Strongly Reducing, Visible-Light Organic Photoredox Catalysts as Sustainable Alternatives to Precious Metals. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	1
11	Strongly Reducing, Visible-Light Organic Photoredox Catalysts as Sustainable Alternatives to Precious Metals. <i>Chemistry - A European Journal</i> , 2017, 23, 10962-10968.	3.3	196
12	Highly Active Multidentate Ligand-Based Alkyne Metathesis Catalysts. <i>Chemistry - A European Journal</i> , 2016, 22, 7959-7963.	3.3	47
13	Ionic Covalent Organic Frameworks with Spiroborate Linkage. <i>Angewandte Chemie</i> , 2016, 128, 1769-1773.	2.0	88
14	Ionic Covalent Organic Frameworks with Spiroborate Linkage. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1737-1741.	13.8	503
15	Solution-Phase Dynamic Assembly of Permanently Interlocked Aryleneethynylene Cages through Alkyne Metathesis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7550-7554.	13.8	117
16	Mesoporous 2D covalent organic frameworks based on shape-persistent arylene-ethynylene macrocycles. <i>Chemical Science</i> , 2015, 6, 4049-4053.	7.4	118
17	Application of alkyne metathesis in polymer synthesis. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5986.	10.3	70
18	Acetals of <i>N,N</i> -Dimethylformamides: Ambiphilic Behavior in Converting Carbon Dioxide to Dialkyl Carbonates. <i>Chemistry Letters</i> , 2013, 42, 146-147.	1.3	4

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19	Rhodium(iii)-catalyzed oxidative carbonylation of benzamides with carbon monoxide. <i>Chemical Communications</i> , 2011, 47, 12074.	4.1	161
20	Selective N-alkylation of Amines with Alcohols by Using Non-metal-based Acid-Base Cooperative Catalysis. <i>Chemistry - A European Journal</i> , 2011, 17, 12262-12267.	3.3	52
21	Synthesis of carbonates directly from 1 atm CO ₂ and alcohols using CH ₂ Cl ₂ . <i>Tetrahedron</i> , 2010, 66, 9675-9680.	1.9	27
22	Methodologies for chemical utilization of CO ₂ to valuable compounds through molecular activation by efficient catalysts. <i>Frontiers of Chemical Engineering in China</i> , 2009, 3, 224-228.	0.6	9
23	Zirconyl chloride: an efficient recyclable catalyst for synthesis of 5-aryl-2-oxazolidinones from aziridines and CO ₂ under solvent-free conditions. <i>Tetrahedron</i> , 2009, 65, 6204-6210.	1.9	81
24	Bifunctional Metal-Salen Complexes as Efficient Catalysts for the Fixation of CO ₂ with Epoxides under Solvent-Free Conditions. <i>ChemSusChem</i> , 2008, 1, 236-241.	6.8	180
25	Magnesium-catalyzed synthesis of organic carbonate from 1,2-diol/alcohol and carbon dioxide. <i>Catalysis Communications</i> , 2008, 9, 1754-1758.	3.3	61
26	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. <i>Journal of Organic Chemistry</i> , 2008, 73, 4709-4712.	3.2	164
27	Environmentally Benign Chemical Conversion of CO ₂ into Organic Carbonates Catalyzed by Phosphonium Salts. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 494-498.	1.6	16
28	Guanidinium Salt Functionalized PEG: An Effective and Recyclable Homo-geneous Catalyst for the Synthesis of Cyclic Carbonates from CO ₂ and Epoxides under Solvent-Free Conditions. <i>Synlett</i> , 2007, 3058-3062.	1.8	13
29	Efficient synthesis of dimethyl carbonate from methanol, propylene oxide and CO ₂ catalyzed by recyclable inorganic base/phosphonium halide-functionalized polyethylene glycol. <i>Green Chemistry</i> , 2007, 9, 566-571.	9.0	127
30	A poly(ethylene glycol)-supported quaternary ammonium salt for highly efficient and environmentally friendly chemical fixation of CO ₂ with epoxides under supercritical conditions. <i>Tetrahedron Letters</i> , 2006, 47, 1271-1275.	1.4	128
31	Sn-catalyzed synthesis of propylene carbonate from propylene glycol and CO ₂ under supercritical conditions. <i>Journal of Molecular Catalysis A</i> , 2005, 241, 233-237.	4.8	77
32	Organic solvent-free process for the synthesis of propylene carbonate from supercritical carbon dioxide and propylene oxide catalyzed by insoluble ion exchange resins. <i>Green Chemistry</i> , 2005, 7, 518.	9.0	248
33	Synthesis of 2-Aminopyran Derivatives and 3-Arylpropionitrile Derivatives Catalyzed by KF/Al ₂ O ₃ . <i>Synthetic Communications</i> , 2004, 34, 1425-1432.	2.1	11