Jie Xu

List of Publications by Year in descending order

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202	8,387	36203	62479
papers	citations	51 h-index	80 g-index

204	204	204	9177
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ZrO2 Supported on Graphitic Carbon Nitride Based on Metalâ€“Nitrogen Interaction for Enhanced Catalytic Cycloaddition of CO2 to Cyclic Carbonates. Catalysis Letters, 2023, 153, 1483-1494.	1.4	8
2	Selective Oxidation of Benzyl Alcohol with Oxygen Catalyzed by Vanadia Supported on Nitrogen-Containing Ordered Mesoporous Carbon Materials. Catalysis Letters, 2022, 152, 962-971.	1.4	7
3	Catalytic production of low-carbon footprint sustainable natural gas. Nature Communications, 2022, 13, 258.	5.8	26
4	The solvent-free and aerobic oxidation of benzyl alcohol catalyzed by Pd supported on carbon nitride/CeO₂ composites. New Journal of Chemistry, 2022, 46, 7108-7117.	1.4	8
5	Control in Local Coordination Environment Boosting Activating Molecular Oxygen with an Atomically Dispersed Binary Mnâ€“Co Catalyst. ACS Applied Materials & Interfaces, 2022, 14, 18539-18549.	4.0	12
6	Potassium-doped carbon nitride supported on SBA-15 for enhanced catalytic Knoevenagel condensation under mild conditions. Applied Catalysis A: General, 2022, 641, 118677.	2.2	11
7	Sustainedâ€release ibuprofen prodrug particle: Emulsifier and initiator regulate the diameter and distribution. Journal of Applied Polymer Science, 2021, 138, 49779.	1.3	1
8	Molybdenumâ€Catalyzed Deoxygenation Coupling of Ligninâ€Derived Alcohols for Functionalized Bibenzyl Chemicals. Chemistry - A European Journal, 2021, 27, 1292-1296.	1.7	8
9	Palladium nanoparticles supported on exfoliated g-C₃N₄ as efficient catalysts for selective oxidation of benzyl alcohol by molecular oxygen. New Journal of Chemistry, 2021, 45, 13519-13528.	1.4	15
10	Self-regulated catalysis for the selective synthesis of primary amines from carbonyl compounds. Green Chemistry, 2021, 23, 7115-7121.	4.6	15
11	Catalytic Conversion of Sugar-Derived Polyhydroxy Acid to Trimellitate. Industrial & Engineering Chemistry Research, 2021, 60, 4510-4515.	1.8	7
12	Aprotic Amineâ€modified Manganese Dioxide Catalysts for Selectivityâ€tunable Oxidation of Amines. Chemistry - an Asian Journal, 2021, 16, 1388-1391.	1.7	8
13	Construction of Axially Chiral Arylborons via Atroposelective Miyaura Borylation. Journal of the American Chemical Society, 2021, 143, 10048-10053.	6.6	48
14	Hydrogenâ€Bindingâ€Initiated Activation of Oâ€“H Bonds on a Nitrogenâ€Doped Surface for the Catalytic Oxidation of Biomass Hydroxyl Compounds. Angewandte Chemie, 2021, 133, 18251-18258.	1.6	3
15	Hydrogenâ€Bindingâ€Initiated Activation of Oâ€“H Bonds on a Nitrogenâ€Doped Surface for the Catalytic Oxidation of Biomass Hydroxyl Compounds. Angewandte Chemie - International Edition, 2021, 60, 18103-18110.	7.2	25
16	Solvent-free aerobic selective oxidation of benzyl alcohol catalyzed by palladium nanoparticles supported on nitrogen-containing ordered mesoporous carbon. Molecular Catalysis, 2021, 511, 111749.	1.0	7
17	Accelerating Selective Oxidation of Biomass-Based Hydroxyl Compounds with Hydrogen Bond Acceptors. Journal of Physical Chemistry Letters, 2021, 12, 7041-7045.	2.1	5
18	2D Organic Radical Conjugated Skeletons with Paramagnetic Behaviors. Advanced Materials Interfaces, 2021, 8, 2100943.	1.9	3

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19	Direct Catalytic Hydroxylation of Benzene to Phenol Catalyzed by FeCl3 Supported on Exfoliated Graphitic Carbon Nitride. Catalysis Letters, 2020, 150, 301-311.	1.4	9
20	A Pickering emulsion of a bifunctional interface prepared from Pd nanoparticles supported on silicane-modified graphene oxide: an efficient catalyst for water-mediated catalytic hydrogenation. Catalysis Science and Technology, 2020, 10, 1096-1105.	2.1	16
21	Metal-free synthesis of dimethyl carbonateviatransesterification of ethylene carbonate catalyzed by graphitic carbon nitride materials. New Journal of Chemistry, 2020, 44, 3215-3223.	1.4	16
22	In situ tuning of electronic structure of catalysts using controllable hydrogen spillover for enhanced selectivity. Nature Communications, 2020, 11, 4773.	5.8	81
23	Catalytic Activation of Carbonâ€“Hydrogen Bonds in Lignin Linkages over Strong-Base-Modified Covalent Triazine Frameworks for Lignin Oxidative Cleavage. ACS Catalysis, 2020, 10, 7526-7534.	5.5	25
24	Binding Energy as Driving Force for Controllable Reconstruction of Hydrogen Bonds with Molecular Scissors. Journal of the American Chemical Society, 2020, 142, 6085-6092.	6.6	51
25	Synthesis of nitrogen-containing ordered mesoporous carbon materials with tunable nitrogen distributions and their application for metal-free catalytic synthesis of dimethyl carbonates. Molecular Catalysis, 2020, 485, 110848.	1.0	2
26	Metal-free catalytic conversion of CO2 into cyclic carbonate by hydroxyl-functionalized graphitic carbon nitride materials. Molecular Catalysis, 2020, 491, 110979.	1.0	14
27	Catalytic Synthesis of 2,5â€Furandicarboxylic Acid from Concentrated 2,5â€Diformylfuran Mediated by Nâ€hydroxyimides under Mild Conditions. Chemistry - an Asian Journal, 2019, 14, 3329-3334.	1.7	8
28	Immobilized Ni Clusters in Mesoporous Aluminum Silica Nanospheres for Catalytic Hydrogenolysis of Lignin. ACS Sustainable Chemistry and Engineering, 2019, 7, 19034-19041.	3.2	32
29	Switching acidity on manganese oxide catalyst with acetylacetones for selectivity-tunable amines oxidation. Nature Communications, 2019, 10, 2338.	5.8	32
30	Vanadyl acetylacetonate grafted on ordered mesoporous silica KIT-6 and its enhanced catalytic performance for direct hydroxylation of benzene to phenol. Microporous and Mesoporous Materials, 2019, 285, 223-230.	2.2	25
31	Atmospheric Selective Oxidation of Benzyl Alcohol Catalyzed by Pd Nanoparticles Supported on CeO₂ with Various Morphologies. ChemistrySelect, 2019, 4, 5470-5475.	0.7	14
32	Covalent Triazine Frameworks as Metal Free Catalysts for the Oxidative Coupling of Amines to Imines. ChemistrySelect, 2019, 4, 5073-5080.	0.7	7
33	Organic Acid Anions Modified Î±-Co(OH)₂ with Enhanced Activity for the Decomposition of Cyclohexyl Hydroperoxide. ACS Applied Nano Materials, 2019, 2, 2176-2183.	2.4	6
34	Production of lactic acid derivatives from sugars over post-synthesized Sn-Beta zeolite promoted by WO3. Food Chemistry, 2019, 289, 285-291.	4.2	25
35	Ultrahighâ€Content Nitrogenâ€doped Carbon Encapsulating Cobalt NPs as Catalyst for Oxidative Esterification of Furfural. Chemistry - an Asian Journal, 2019, 14, 1515-1522.	1.7	16
36	Wettability Control of Coâ€“SiO₂@Tiâ€“Si Coreâ€“Shell Catalyst to Enhance the Oxidation Activity with the In Situ Generated Hydroperoxide. ACS Applied Materials & Interfaces, 2019, 11, 14702-14712.	4.0	11

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37	Catalytic selective hydrogenation and rearrangement of 5-hydroxymethylfurfural to 3-hydroxymethyl-cyclopentone over a bimetallic nickelâ€“copper catalyst in water. Green Chemistry, 2019, 21, 1702-1709.	4.6	46
38	Auâ€“Pd alloy cooperates with covalent triazine frameworks for the catalytic oxidative cleavage of Î²-O-4 linkages. Green Chemistry, 2019, 21, 6707-6716.	4.6	30
39	Carboxylic acid-modified metal oxide catalyst for selectivity-tunable aerobic ammoxidation. Nature Communications, 2018, 9, 933.	5.8	69
40	Additive-free aerobic oxidative dehydrogenation of N-heterocycles under catalysis by NiMn layered hydroxide compounds. Journal of Catalysis, 2018, 361, 1-11.	3.1	38
41	Al-Doping Promoted Aerobic Amidation of 5-Hydroxymethylfurfural to 2,5-Furandicarboxamide over Cryptomelane. ACS Sustainable Chemistry and Engineering, 2018, 6, 8048-8054.	3.2	29
42	Selective synthesis of 2,5-bis(aminomethyl)furan via enhancing the catalytic dehydrationâ€“hydrogenation of 2,5-diformylfuran dioxime. Green Chemistry, 2018, 20, 2697-2701.	4.6	35
43	Production of Plant Phthalate and its Hydrogenated Derivative from Bioâ€Based Platform Chemicals. ChemSusChem, 2018, 11, 1621-1627.	3.6	19
44	Covalent triazine framework catalytic oxidative cleavage of lignin models and organosolv lignin. Green Chemistry, 2018, 20, 1270-1279.	4.6	57
45	Efficient Synthesis of 2,5-Dicyanofuran from Biomass-Derived 2,5-Diformylfuran via an Oximationâ€“Dehydration Strategy. ACS Sustainable Chemistry and Engineering, 2018, 6, 2888-2892.	3.2	26
46	Activation of Molecular Oxygen Using Durable Cobalt Encapsulated with Nitrogenâ€Doped Graphitic Carbon Shells for Aerobic Oxidation of Ligninâ€Derived Alcohols. Chemistry - A European Journal, 2018, 24, 4653-4661.	1.7	26
47	Selfâ€Assembled Nickel Nanoparticles Supported on Mesoporous Aluminum Oxide for Selective Hydrogenation of Isophorone. Asian Journal of Organic Chemistry, 2018, 7, 757-762.	1.3	3
48	Understanding and Measurement for the Binding Energy of Hydrogen bonds of Biomass-Derived Hydroxyl Compounds. Journal of Physical Chemistry A, 2018, 122, 843-848.	1.1	16
49	Highly Efficient Oxidation of Ethyl Lactate to Ethyl Pyruvate Catalyzed by TS-1 Under Mild Conditions. ACS Catalysis, 2018, 8, 1287-1296.	5.5	53
50	Formation of Strong Basicity on Covalent Triazine Frameworks as Catalysts for the Oxidation of Methylene Compounds. ACS Applied Materials & Interfaces, 2018, 10, 12612-12617.	4.0	47
51	Nitrogen-containing ordered mesoporous carbon grafted by alkyl bromide: Simple synthesis and its catalytic application in solvent-free cycloaddition of CO 2. Microporous and Mesoporous Materials, 2018, 258, 244-250.	2.2	10
52	Direct catalytic hydroxylation of benzene to phenol catalyzed by vanadia supported on exfoliated graphitic carbon nitride. Applied Catalysis A: General, 2018, 549, 31-39.	2.2	40
53	An amphiphilic graphene oxide-based triphase catalyst for highly efficient synthesis of benzyl esters. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 538, 534-541.	2.3	8
54	Transesterification of ethylene carbonate to dimethyl carbonate catalyzed by CeO2 materials with various morphologies. Catalysis Communications, 2018, 106, 6-10.	1.6	27

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55	A strategy of ketalization for the catalytic selective dehydration of biomass-based polyols over H-beta zeolite. Green Chemistry, 2018, 20, 634-640.	4.6	17
56	Comprehensive insight into the support effect of graphitic carbon nitride for zinc halides on the catalytic transformation of CO₂into cyclic carbonates. Catalysis Science and Technology, 2018, 8, 5582-5593.	2.1	40
57	Knoevenagel condensation reactions catalyzed by nitrogen-containing mesoporous carbon materials under mild reaction conditions. Research on Chemical Intermediates, 2018, 44, 7641-7655.	1.3	12
58	Immobilization of phosphotungstic acid on amine-grafted graphene oxide via a facile and efficient solid-phase reaction for the selective oxidation of cyclohexanol. Reaction Kinetics, Mechanisms and Catalysis, 2018, 125, 183-197.	0.8	6
59	Facile synthesis of Fe-containing graphitic carbon nitride materials and their catalytic application in direct hydroxylation of benzene to phenol. Chinese Journal of Catalysis, 2018, 39, 1263-1271.	6.9	20
60	Catalytic Amidation of 5â€Hydroxymethylfurfural to 2,5â€Furandicarboxamide over Alkali Manganese Oxides. Chinese Journal of Chemistry, 2017, 35, 984-990.	2.6	14
61	Catalytic Oxidation of Alcohol to Carboxylic Acid with a Hydrophobic Cobalt Catalyst in Hydrocarbon Solvent. Chemistry - an Asian Journal, 2017, 12, 2404-2409.	1.7	17
62	Selective synthesis of dimethoxyethane via directly catalytic etherification of crude ethylene glycol. Green Chemistry, 2017, 19, 3327-3333.	4.6	8
63	Preparation of mesoporous carbon nitride materials using urea and formaldehyde as precursors and catalytic application as solid bases. Applied Catalysis A: General, 2017, 538, 221-229.	2.2	19
64	Simple preparation of MgO/g-C3N4 catalyst and its application for catalytic synthesis of dimethyl carbonate via transesterification. Catalysis Communications, 2017, 95, 72-76.	1.6	31
65	Synthesis of Mesoporous CeMnO Materials and Catalytic Application for Selective Oxidation of Benzyl Alcohol by Molecular Oxygen. Catalysis Letters, 2017, 147, 328-334.	1.4	15
66	Synthesis of nitrogen-containing ordered mesoporous carbon material as an efficient metal-free catalyst for transesterification of Î²-keto esters. Microporous and Mesoporous Materials, 2017, 241, 72-78.	2.2	12
67	In Situ Fabrication of Inorganic/Organic Hybrid Based on Cu/Coâ€ZIF and Cu₂O. Chemistry - an Asian Journal, 2017, 12, 2790-2793.	1.7	8
68	A strategy for generating high-quality cellulose and lignin simultaneously from woody biomass. Green Chemistry, 2017, 19, 4849-4857.	4.6	82
69	An amphiphilic graphene oxide-immobilized polyoxometalate-based ionic liquid: A highly efficient triphase transfer catalyst for the selective oxidation of alcohols with aqueous H2O2. Molecular Catalysis, 2017, 443, 262-269.	1.0	37
70	Fluoride-free and low concentration template synthesis of hierarchical Sn-Beta zeolites: efficient catalysts for conversion of glucose to alkyl lactate. Green Chemistry, 2017, 19, 692-701.	4.6	88
71	Palladium nanoparticles supported on mesoporous carbon nitride for efficiently selective oxidation of benzyl alcohol with molecular oxygen. Applied Catalysis A: General, 2017, 542, 380-388.	2.2	48
72	Aqueous phase hydrogenation of furfural to tetrahydrofurfuryl alcohol on alkaline earth metal modified Ni/Al₂O₃. RSC Advances, 2016, 6, 51221-51228.	1.7	82

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73	Chitosan grafted with a heteropolyanion-based ionic liquid as an effective and reusable catalyst for acetalization. RSC Advances, 2016, 6, 41404-41409.	1.7	7
74	Highly planar thieno[3,2-b]thiophene-diketopyrrolopyrrole-containing polymers for organic field-effect transistors. RSC Advances, 2016, 6, 35394-35401.	1.7	16
75	Chemical vapor deposition of bilayer graphene with layer-resolved growth through dynamic pressure control. Journal of Materials Chemistry C, 2016, 4, 7464-7471.	2.7	28
76	Alkali Î±-MnO₂/Na_xMnO₂ collaboratively catalyzed ammoxidationâ€“Pinner tandem reaction of aldehydes. Catalysis Science and Technology, 2016, 6, 7429-7436.	2.1	15
77	Catalytic oxidative Câ€“C bond cleavage route of levulinic acid and methyl levulinate. RSC Advances, 2016, 6, 72744-72749.	1.7	9
78	High Yield Production of Natural Phenolic Alcohols from Woody Biomass Using a Nickelâ€Based Catalyst. ChemSusChem, 2016, 9, 3353-3360.	3.6	104
79	Mechanistic studies on the VO(acac)₂-catalyzed oxidative cleavage of lignin model compounds in acetic acid. RSC Advances, 2016, 6, 110229-110234.	1.7	20
80	Facile alkali-assisted synthesis of g-C₃N₄ materials and their high-performance catalytic application in solvent-free cycloaddition of CO₂ to epoxides. RSC Advances, 2016, 6, 55382-55392.	1.7	49
81	Desilylationâ€Activated Propargylic Transformation: Enantioselective Copperâ€Catalyzed [3+2] Cycloaddition of Propargylic Esters with Î²â€Naphthol or Phenol Derivatives. Angewandte Chemie - International Edition, 2016, 55, 5014-5018.	7.2	108
82	Synthesis of mesoporous carbon nitride via a novel detemplation method and its superior performance in base-catalyzed reactions. Catalysis Science and Technology, 2016, 6, 4192-4200.	2.1	41
83	Vinylidenedithiophenmethyleneoxindole: a centrosymmetric building block for donorâ€“acceptor copolymers. Polymer Chemistry, 2016, 7, 1413-1421.	1.9	25
84	Production of Diethyl Terephthalate from Biomassâ€Derived Muconic Acid. Angewandte Chemie - International Edition, 2016, 55, 249-253.	7.2	108
85	Magnetism of N-doped graphene nanoribbons with zigzag edges from bottom-up fabrication. RSC Advances, 2016, 6, 10017-10023.	1.7	16
86	Conversion of dihydroxyacetone to methyl lactate catalyzed by highly active hierarchical Sn-USY at room temperature. Catalysis Science and Technology, 2016, 6, 1757-1763.	2.1	58
87	Graphene oxide grafted hydroxyl-functionalized ionic liquid: A highly efficient catalyst for cycloaddition of CO2 with epoxides. Applied Catalysis A: General, 2016, 509, 111-117.	2.2	89
88	Catalytic conversion of 5-hydroxymethylfurfural into 2,5-furandiamidine dihydrochloride. Green Chemistry, 2016, 18, 974-978.	4.6	26
89	Advances in the Synthesis of Mesoporous Carbon Nitride Materials. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2016, 32, 1913-1928.	2.2	20
90	Robust Photocatalytic H2O2 Production by Octahedral Cd3(C3N3S3)2 Coordination Polymer under Visible Light. Scientific Reports, 2015, 5, 16947.	1.6	71

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91	Cï£¿N and Nï£¿H Bond Metathesis Reactions Mediated by Carbon Dioxide. ChemSusChem, 2015, 8, 2066-2072.	3.6	24
92	Direct Topâ€Down Fabrication of Largeâ€Area Graphene Arrays by an In Situ Etching Method. Advanced Materials, 2015, 27, 4195-4199.	11.1	36
93	Magnetic Properties of a Bottomâ€Up Synthesis Analogous Graphene with Nâ€Doped Zigzag Edges. Advanced Electronic Materials, 2015, 1, 1500084.	2.6	6
94	Regionalized Techno-Economic Assessment and Policy Analysis for Biomass Molded Fuel in China. Energies, 2015, 8, 13846-13863.	1.6	21
95	Catalytic etherification of hydroxyl compounds to methyl ethers with 1,2-dimethoxyethane. RSC Advances, 2015, 5, 24139-24143.	1.7	9
96	Fast and facile preparation of metal-doped g-C3N4 composites for catalytic synthesis of dimethyl carbonate. Applied Catalysis A: General, 2015, 496, 1-8.	2.2	111
97	Studies on the roles of vanadyl sulfate and sodium nitrite in catalytic oxidation of benzyl alcohol with molecular oxygen. Science China Chemistry, 2015, 58, 114-122.	4.2	7
98	Copper-Catalyzed Asymmetric Formal [3 + 2] Cycloaddition of Propargylic Acetates with Hydrazines: Enantioselective Synthesis of Optically Active 2-Pyrazolines. ACS Catalysis, 2015, 5, 5026-5030.	5.5	90
99	Selective oxidative Câ€“C bond cleavage of a lignin model compound in the presence of acetic acid with a vanadium catalyst. Green Chemistry, 2015, 17, 4968-4973.	4.6	98
100	Facile preparation of SBA-15-supported carbon nitride materials for high-performance base catalysis. Microporous and Mesoporous Materials, 2015, 211, 105-112.	2.2	22
101	Techno-Economic Analysis of Bioethanol Production from Lignocellulosic Biomass in China: Dilute-Acid Pretreatment and Enzymatic Hydrolysis of Corn Stover. Energies, 2015, 8, 4096-4117.	1.6	75
102	Metal halides supported on mesoporous carbon nitride as efficient heterogeneous catalysts for the cycloaddition of CO2. Journal of Molecular Catalysis A, 2015, 403, 77-83.	4.8	60
103	Preparing acid-resistant Ru-based catalysts by carbothermal reduction for hydrogenation of itaconic acid. RSC Advances, 2015, 5, 97256-97263.	1.7	13
104	Direct hydroxylation of benzene to phenol with molecular oxygen over vanadium oxide nanospheres and study of its mechanism. RSC Advances, 2015, 5, 94164-94170.	1.7	23
105	A Schiff-base-type vanadyl complex grafted on mesoporous carbon nitride: a new efficient catalyst for hydroxylation of benzene to phenol. RSC Advances, 2015, 5, 92526-92533.	1.7	19
106	Graphene oxide immobilized with ionic liquids: facile preparation and efficient catalysis for solvent-free cycloaddition of CO₂ to propylene carbonate. RSC Advances, 2015, 5, 72361-72368.	1.7	73
107	Formation of uniform hollow nanocages with heteroatom-doped MCM-41 structures. RSC Advances, 2015, 5, 5068-5071.	1.7	3
108	Vanadia supported on mesoporous carbon nitride as a highly efficient catalyst for hydroxylation of benzene to phenol. Catalysis Science and Technology, 2015, 5, 1504-1513.	2.1	65

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109	Depolymerization of cellulose to glucose by oxidationâ€“hydrolysis. Green Chemistry, 2015, 17, 1519-1524.	4.6	74
110	Mesoporous carbon nitride grafted with n-bromobutane: a high-performance heterogeneous catalyst for the solvent-free cycloaddition of CO₂ to propylene carbonate. Catalysis Science and Technology, 2015, 5, 447-454.	2.1	120
111	Role of complex equilibrium in the shape-selective performances of MgO/MCM-22 catalysts prepared by complexing impregnation. Catalysis Communications, 2014, 56, 174-178.	1.6	6
112	Selective oxidation of cellulose catalyzed by NHPI/Co(OAc)2 using air as oxidant. Cellulose, 2014, 21, 4059-4065.	2.4	10
113	Catalytic oxidation of glycerol to tartronic acid over Au/HY catalyst under mild conditions. Chinese Journal of Catalysis, 2014, 35, 1653-1660.	6.9	45
114	Utilization of Environmentally Benign Dicyandiamide as a Precursor for the Synthesis of Ordered Mesoporous Carbon Nitride and its Application in Baseâ€Catalyzed Reactions. Chemistry - an Asian Journal, 2014, 9, 3269-3277.	1.7	62
115	Imine-linked conjugated organic polymer bearing bis(imino)pyridine ligands and its catalytic application in Câ€“C coupling reactions. Chinese Journal of Catalysis, 2014, 35, 540-545.	6.9	7
116	Superhydrophobic SiO2-based nanocomposite modified with organic groups as catalyst for selective oxidation of ethylbenzene. Journal of Materials Chemistry A, 2014, 2, 8126.	5.2	39
117	Preparation of MgO/MCM-22 catalysts by a novel two-step impregnation and their shape-selective performance in the synthesis of p-xylene. Catalysis Communications, 2014, 45, 49-53.	1.6	12
118	Selfâ€Aligned Singleâ€Crystal Graphene Grains. Advanced Functional Materials, 2014, 24, 1664-1670.	7.8	47
119	tert-Butyl hydroperoxide (TBHP)-mediated oxidative self-coupling of amines to imines over a Î±-MnO₂ catalyst. Green Chemistry, 2014, 16, 2523-2527.	4.6	56
120	Graphene: Layerâ€Stacking Growth and Electrical Transport of Hierarchical Graphene Architectures (Adv. Mater. 20/2014). Advanced Materials, 2014, 26, 3355-3355.	11.1	0
121	Organic linker geometry controlled synthesis of coordination polymer spheres and their thermal transformation to yolkâ€“shell metal oxides. Journal of Materials Chemistry A, 2014, 2, 15480-15487.	5.2	11
122	Three-dimensional ordered mesoporous carbon nitride with large mesopores: Synthesis and application towards base catalysis. Microporous and Mesoporous Materials, 2014, 198, 223-229.	2.2	33
123	Graphene: Controlled Growth of Single-Crystal Twelve-Pointed Graphene Grains on a Liquid Cu Surface (Adv. Mater. 37/2014). Advanced Materials, 2014, 26, 6519-6519.	11.1	1
124	Highly selective synthesis of para-diethylbenzene by alkylation of ethylbenzene with diethyl carbonate over boron oxide modified HZSM-5. Journal of Molecular Catalysis A, 2014, 395, 384-391.	4.8	10
125	Preparation of mesoporous graphitic carbon nitride using hexamethylenetetramine as a new precursor and catalytic application in the transesterification of Î²-keto esters. Catalysis Science and Technology, 2014, 4, 2126.	2.1	29
126	Efficient synthesis of dimethyl carbonate via transesterification of ethylene carbonate over a new mesoporous ceria catalyst. Applied Catalysis A: General, 2014, 484, 1-7.	2.2	46

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127	Mesoporous strong base supported cobalt oxide as a catalyst for the oxidation of ethylbenzene. Catalysis Science and Technology, 2014, 4, 3606-3610.	2.1	19
128	Enantioselective Copperâ€Catalyzed Decarboxylative Propargylic Alkylation of Propargylic Esters with Î²â€Keto Acids. Advanced Synthesis and Catalysis, 2014, 356, 3231-3236.	2.1	58
129	Mesocellular silica foam supported Ni2P catalysts with high hydrogenation activity. Reaction Kinetics, Mechanisms and Catalysis, 2013, 109, 105-115.	0.8	8
130	Ionic liquid immobilized on mesocellular silica foam as an efficient heterogeneous catalyst for the synthesis of dimethyl carbonate via transesterification. Applied Catalysis A: General, 2013, 464-465, 357-363.	2.2	55
131	Direct conversion of fructose-based carbohydrates to 5-ethoxymethylfurfural catalyzed by AlCl3Â·6H2O/BF3Â·(Et)2O in ethanol. Journal of Energy Chemistry, 2013, 22, 93-97.	7.1	41
132	Mesostructured graphitic carbon nitride as a new base catalyst for the efficient synthesis of dimethyl carbonate by transesterification. Catalysis Science and Technology, 2013, 3, 3192.	2.1	73
133	Preparation of hydrophobic hollow silica nanospheres with porous shells and their application in pollutant removal. RSC Advances, 2013, 3, 1158-1164.	1.7	26
134	Lignin depolymerization (LDP) in alcohol over nickel-based catalysts via a fragmentationâ€“hydrogenolysis process. Energy and Environmental Science, 2013, 6, 994.	15.6	780
135	Sulfonic Acid Resinâ€“Catalyzed Oxidation of Aldehydes to Carboxylic Acids by Hydrogen Peroxide. Synthetic Communications, 2013, 43, 979-985.	1.1	10
136	A new and environmentally benign precursor for the synthesis of mesoporous g-C3N4 with tunable surface area. Physical Chemistry Chemical Physics, 2013, 15, 4510.	1.3	225
137	Microporous carbon nitride as an effective solid base catalyst for Knoevenagel condensation reactions. Journal of Molecular Catalysis A, 2013, 372, 105-113.	4.8	82
138	Aerobic oxidation of primary aliphatic alcohols over bismuth oxide supported platinum catalysts in water. Green Chemistry, 2013, 15, 2215.	4.6	64
139	Immobilized Ru Clusters in Nanosized Mesoporous Zirconium Silica for the Aqueous Hydrogenation of Furan Derivatives at Room Temperature. ChemCatChem, 2013, 5, 2822-2826.	1.8	89
140	Synthesis of Three-Dimensional Mesostructured Graphitic Carbon Nitride Materials and their Application as Heterogeneous Catalysts for Knoevenagel Condensation Reactions. Catalysis Letters, 2013, 143, 600-609.	1.4	65
141	Advances in selective catalytic transformation of ploysols to value-added chemicals. Chinese Journal of Catalysis, 2013, 34, 492-507.	6.9	53
142	Conversion of furfural into cyclopentanone over Niâ€“Cu bimetallic catalysts. Green Chemistry, 2013, 15, 1932.	4.6	294
143	Schiff base polymers derived from 2,5-diformylfuran. Polymer International, 2013, 62, 1517-1523.	1.6	70
144	Chiral Tridentate P,N,N Ligands for Highly Enantioselective Copperâ€Catalyzed Propargylic Amination with both Primary and Secondary Amines as Nucleophiles. Advanced Synthesis and Catalysis, 2012, 354, 2854-2858.	2.1	71

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145	A novel method to prepare shape-selective catalysts by complexationâ€“impregnation. Catalysis Communications, 2012, 29, 153-157.	1.6	10
146	Synthesis and properties of furan-based imine-linked porous organic frameworks. Polymer Chemistry, 2012, 3, 2346.	1.9	66
147	A novel method to prepare KNO3/NaY solid base catalysts and their application in the O-ethylation of phenol with diethyl carbonate. Reaction Kinetics, Mechanisms and Catalysis, 2012, 107, 435-447.	0.8	4
148	Cobalt ammonia complex mediated preparation of hollow silica nanospheres with multi-nanochambers. Journal of Materials Chemistry, 2012, 22, 11904.	6.7	18
149	The copolymerization reactivity of diols with 2,5-furandicarboxylic acid for furan-based copolyester materials. Journal of Materials Chemistry, 2012, 22, 3457.	6.7	165
150	Acidâ€“base properties of TiO2-modified MCM-41 mesoporous silica and its catalytic performance for ortho-selective ethylation of phenol with diethyl carbonate. Journal of Molecular Catalysis A, 2012, 357, 50-58.	4.8	11
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