Jian Sun

List of Publications by Year
in descending order

136 papers	9,757 citations	36203 51 h-index	38300 95 g-index
150 all docs	150 docs citations	150 times ranked	8708 citing authors

#	Article	IF	Citations
1	Directly converting CO2 into a gasoline fuel. Nature Communications, 2017, 8, 15174.	5.8	652
2	Ionic liquid-based green processes for energy production. Chemical Society Reviews, 2014, 43, 7838-7869.	18.7	399
3	Fixation of CO₂into cyclic carbonates catalyzed by ionic liquids: a multi-scale approach. Green Chemistry, 2015, 17, 108-122.	4.6	387
4	Hydroxyl-functionalized ionic liquid: a novel efficient catalyst for chemical fixation of CO2 to cyclic carbonate. Tetrahedron Letters, 2008, 49, 3588-3591.	0.7	374
5	Chitosan functionalized ionic liquid as a recyclable biopolymer-supported catalyst for cycloaddition of CO2. Green Chemistry, 2012, 14, 654.	4.6	314
6	Reusable and efficient polymer-supported task-specific ionic liquid catalyst for cycloaddition of epoxide with CO2. Catalysis Today, 2009, 148, 361-367.	2.2	262
7	Biomass pretreatment using deep eutectic solvents from lignin derived phenols. Green Chemistry, 2018, 20, 809-815.	4.6	235
8	Catalysis Chemistry of Dimethyl Ether Synthesis. ACS Catalysis, 2014, 4, 3346-3356.	5.5	232
9	Water as an efficient medium for the synthesis of cyclic carbonate. Tetrahedron Letters, 2009, 50, 423-426.	0.7	231
10	Urea-derived graphitic carbon nitride as an efficient heterogeneous catalyst for CO2 conversion into cyclic carbonates. Catalysis Science and Technology, 2014, 4, 1556.	2.1	222
11	Efficient Acidâ€“Base Bifunctional Catalysts for the Fixation of CO₂ with Epoxides under Metalâ€•and Solventâ€Free Conditions. ChemSusChem, 2011, 4, 502-507.	3.6	221
12	Transforming biomass conversion with ionic liquids: process intensification and the development of a high-gravity, one-pot process for the production of cellulosic ethanol. Energy and Environmental Science, 2016, 9, 1042-1049.	15.6	201
13	New insights into the effect of sodium on Fe₃O₄- based nanocatalysts for CO₂ hydrogenation to light olefins. Catalysis Science and Technology, 2016, 6, 4786-4793.	2.1	198
14	Insights into quaternary ammonium salts-catalyzed fixation carbon dioxide with epoxides. Catalysis Science and Technology, 2012, 2, 1480.	2.1	192
15	Superbase/cellulose: an environmentally benign catalyst for chemical fixation of carbon dioxide into cyclic carbonates. Green Chemistry, 2014, 16, 3071.	4.6	180
16	SBA-15 supported triazolium-based ionic liquids as highly efficient and recyclable catalysts for fixation of CO2 with epoxides. Catalysis Today, 2013, 200, 117-124.	2.2	168
17	Towards the development of the emerging process of CO₂heterogenous hydrogenation into high-value unsaturated heavy hydrocarbons. Chemical Society Reviews, 2021, 50, 10764-10805.	18.7	161
18	ZnCl2/phosphonium halide: An efficient Lewis acid/base catalyst for the synthesis of cyclic carbonate. Journal of Molecular Catalysis A, 2006, 256, 295-300.	4.8	156

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19	Ionic liquid clusters: structure, formation mechanism, and effect on the behavior of ionic liquids. Physical Chemistry Chemical Physics, 2014, 16, 5893-5906.	1.3	155
20	Recent advances in direct catalytic hydrogenation of carbon dioxide to valuable C₂₊ hydrocarbons. Journal of Materials Chemistry A, 2018, 6, 23244-23262.	5.2	144
21	Catalytic Hydrogenation of CO₂ to Isoparaffins over Fe-Based Multifunctional Catalysts. ACS Catalysis, 2018, 8, 9958-9967.	5.5	141
22	Facile synthesis of self-healing and layered sodium alginate/polyacrylamide hydrogel promoted by dynamic hydrogen bond. Carbohydrate Polymers, 2021, 256, 117580.	5.1	133
23	Experimental and theoretical studies on hydrogen bond-promoted fixation of carbon dioxide and epoxides in cyclic carbonates. Physical Chemistry Chemical Physics, 2012, 14, 11021.	1.3	129
24	Stabilizing Cu⁺ in Cu/SiO₂ Catalysts with a Shattuckite-Like Structure Boosts CO₂ Hydrogenation into Methanol. ACS Catalysis, 2020, 10, 14694-14706.	5.5	129
25	Directly converting carbon dioxide to linear Î±-olefins on bio-promoted catalysts. Communications Chemistry, 2018, 1, .	2.0	123
26	Density, Excess Molar Volume, and Viscosity for the Methyl Methacrylate + 1-Butyl-3-methylimidazolium Hexafluorophosphate Ionic Liquid Binary System at Atmospheric Pressure. Journal of Chemical & Engineering Data, 2009, 54, 2307-2311.	1.0	122
27	One-pot integrated biofuel production using low-cost biocompatible protic ionic liquids. Green Chemistry, 2017, 19, 3152-3163.	4.6	115
28	Efficient fixation of CO₂ into organic carbonates catalyzed by 2-hydroxymethyl-functionalized ionic liquids. RSC Advances, 2013, 4, 2360-2367.	1.7	107
29	Interfacing with Carbonaceous Potassium Promoters Boosts Catalytic CO₂ Hydrogenation of Iron. ACS Catalysis, 2020, 10, 12098-12108.	5.5	101
30	Synthesis of bimagnetic ionic liquid and application for selective aerobic oxidation of aromatic alcohols under mild conditions. Chemical Communications, 2011, 47, 2697.	2.2	100
31	Highly-Dispersed Metallic Ru Nanoparticles Sputtered on H-Beta Zeolite for Directly Converting Syngas to Middle Isoparaffins. ACS Catalysis, 2014, 4, 1-8.	5.5	98
32	Functionalized dicyandiamideâ€“formaldehyde polymers as efficient heterogeneous catalysts for conversion of CO₂ into organic carbonates. Green Chemistry, 2014, 16, 2771-2778.	4.6	90
33	Efficient fixation of CO2 into cyclic carbonates catalyzed by hydroxyl-functionalized poly(ionic) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.7	85
34	The recent development of CO₂ fixation and conversion by ionic liquid. , 2011, 1, 142-159.		78
35	Synthesis of dimethyl carbonate catalyzed by carboxylic functionalized imidazolium salt via transesterification reaction. Catalysis Science and Technology, 2012, 2, 600-605.	2.1	78
36	Survey of Lignin-Structure Changes and Depolymerization during Ionic Liquid Pretreatment. ACS Sustainable Chemistry and Engineering, 2017, 5, 10116-10127.	3.2	77

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37	Characterization and cytotoxicity of PAHs in PM2.5 emitted from residential solid fuel burning in the Guanzhong Plain, China. Environmental Pollution, 2018, 241, 359-368.	3.7	77
38	Effect of hydrogen bond of hydroxyl-functionalized ammonium ionic liquids on cycloaddition of CO2. Tetrahedron Letters, 2015, 56, 1416-1419.	0.7	74
39	Ordered mesoporous alumina-supported bimetallic Pdâ€“Ni catalysts for methane dry reforming reaction. Catalysis Science and Technology, 2016, 6, 6542-6550.	2.1	73
40	Efficient dehydration and recovery of ionic liquid after lignocellulosic processing using pervaporation. Biotechnology for Biofuels, 2017, 10, 154.	6.2	72
41	Roles of Ionic Liquids in Adjusting Nature of Ionogels: A Mini Review. Advanced Functional Materials, 2022, 32, .	7.8	71
42	Characterization of Lignin Streams during Bionic Liquid-Based Pretreatment from Grass, Hardwood, and Softwood. ACS Sustainable Chemistry and Engineering, 2018, 6, 3079-3090.	3.2	70
43	Chemical source profiles of urban fugitive dust PM2.5 samples from 21 cities across China. Science of the Total Environment, 2019, 649, 1045-1053.	3.9	67
44	Freezing copper as a noble metalâ€“like catalyst for preliminary hydrogenation. Science Advances, 2018, 4, eaau3275.	4.7	64
45	Ionic Liquids: The Synergistic Catalytic Effect in the Synthesis of Cyclic Carbonates. Catalysts, 2013, 3, 878-901.	1.6	63
46	CO2 enabled process integration for the production of cellulosic ethanol using bionic liquids. Energy and Environmental Science, 2016, 9, 2822-2834.	15.6	63
47	Highly Ordered Mesoporous Fe₂O₃â€“ZrO₂ Bimetal Oxides for an Enhanced CO Hydrogenation Activity to Hydrocarbons with Their Structural Stability. ACS Catalysis, 2017, 7, 5955-5964.	5.5	63
48	Biocompatible Choline-Based Deep Eutectic Solvents Enable One-Pot Production of Cellulosic Ethanol. ACS Sustainable Chemistry and Engineering, 2018, 6, 8914-8919.	3.2	63
49	Biocompatible and recyclable amino acid binary catalyst for efficient chemical fixation of CO2. Catalysis Communications, 2014, 44, 6-9.	1.6	62
50	Solubilization and Upgrading of High Polyethylene Terephthalate Loadings in a Lowâ€Costing Bifunctional Ionic Liquid. ChemSusChem, 2018, 11, 781-792.	3.6	62
51	Rapid room temperature solubilization and depolymerization of polymeric lignin at high loadings. Green Chemistry, 2016, 18, 6012-6020.	4.6	60
52	A hollow Mo/HZSM-5 zeolite capsule catalyst: preparation and enhanced catalytic properties in methane dehydroaromatization. Journal of Materials Chemistry A, 2017, 5, 8599-8607.	5.2	59
53	1,3-Dimethylimidazolium-2-carboxylate: a zwitterionic salt for the efficient synthesis of vicinal diols from cyclic carbonates. Green Chemistry, 2014, 16, 3297.	4.6	57
54	One-Pass Hydrogenation of CO₂ to Multibranched Isoparaffins over Bifunctional Zeolite-Based Catalysts. ACS Catalysis, 2020, 10, 14186-14194.	5.5	54

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55	Polystyrene-bound diethanolamine based ionic liquids for chemical fixation of CO2. Tetrahedron Letters, 2012, 53, 2684-2688.	0.7	52
56	ZnBr₂-Based Choline Chloride Ionic Liquid for Efficient Fixation of CO₂to Cyclic Carbonate. Synthetic Communications, 2012, 42, 2564-2573.	1.1	50
57	Synthesis of dimethyl carbonate from CO2 and ethylene oxide catalyzed by K2CO3-based binary salts in the presence of H2O. Green Chemistry, 2011, 13, 3213.	4.6	48
58	Activation of lignocellulosic biomass for higher sugar yields using aqueous ionic liquid at low severity process conditions. Biotechnology for Biofuels, 2016, 9, 160.	6.2	44
59	Fabrication of active Cuâ€“Zn nanoalloys on H-ZSM5 zeolite for enhanced dimethyl ether synthesis via syngas. Journal of Materials Chemistry A, 2014, 2, 8637.	5.2	43
60	Controllable preparation of phosphonium-based polymeric ionic liquids as highly selective nanocatalysts for the chemical conversion of CO₂ with epoxides. Green Chemistry, 2017, 19, 2184-2193.	4.6	40
61	Tailored metastable Ceâ€“Zr oxides with highly distorted lattice oxygen for accelerating redox cycles. Chemical Science, 2018, 9, 3386-3394.	3.7	40
62	Carboxymethyl Cellulose Nanofibrils with a Treelike Matrix: Preparation and Behavior of Pickering Emulsions Stabilization. ACS Sustainable Chemistry and Engineering, 2019, 7, 12887-12896.	3.2	40
63	Multidimensional (0D-3D) functional nanocarbon: Promising material to strengthen the photocatalytic activity of graphitic carbon nitride. Green Energy and Environment, 2021, 6, 823-845.	4.7	40
64	Completed encapsulation of cobalt particles in mesoporous H-ZSM-5 zeolite catalyst for direct synthesis of middle isoparaffin from syngas. Catalysis Communications, 2014, 55, 53-56.	1.6	38
65	Beyond Cars: Fischerâ€Tropsch Synthesis for Nonâ€Automotive Applications. ChemCatChem, 2019, 11, 1412-1424.	1.8	38
66	Synthesis and modification of biomass derived carbon dots in ionic liquids and their application: A mini review. Green Chemical Engineering, 2020, 1, 94-108.	3.3	38
67	One-pot construction of chitin-derived carbon/g-C3N4 heterojunction for the improvement of visible-light photocatalysis. Applied Surface Science, 2020, 527, 146737.	3.1	38
68	Triethanolamine/KI: A Multifunctional Catalyst for CO2 Activation and Conversion with Epoxides into Cyclic Carbonates. Synthetic Communications, 2013, 43, 2985-2997.	1.1	36
69	Ultra-high thermal stability of sputtering reconstructed Cu-based catalysts. Nature Communications, 2021, 12, 7209.	5.8	36
70	Direct syngas conversion to liquefied petroleum gas: Importance of a multifunctional metal-zeolite interface. Applied Energy, 2018, 209, 1-7.	5.1	35
71	Preparation and performance of Co based capsule catalyst with the zeolite shell sputtered by Pd for direct isoparaffin synthesis from syngas. Applied Catalysis A: General, 2013, 456, 75-81.	2.2	34
72	Filter and buffer-pot confinement effect of hollow sphere catalyst for promoted activity and enhanced selectivity. Journal of Materials Chemistry A, 2013, 1, 5670.	5.2	33

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73	Combining wet impregnation and dry sputtering to prepare highly-active CoPd/H-ZSM5 ternary catalysts applied for tandem catalytic synthesis of isoparaffins. Catalysis Science and Technology, 2014, 4, 1260.	2.1	32
74	Pt Nanoparticles Loaded on Reduced Graphene Oxide as an Effective Catalyst for the Direct Oxidation of 5-Hydroxymethylfurfural (HMF) to Produce 2,5-Furandicarboxylic Acid (FDCA) under Mild Conditions. Bulletin of the Chemical Society of Japan, 2014, 87, 1124-1129.	2.0	32
75	Nano-sized polydopamine-based biomimetic catalyst for the efficient synthesis of cyclic carbonates. Tetrahedron Letters, 2014, 55, 3239-3243.	0.7	31
76	Ionic Liquids-Promoted Electrocatalytic Reduction of Carbon Dioxide. Industrial & Engineering Chemistry Research, 2020, 59, 20235-20252.	1.8	30
77	Tunable isoparaffin and olefin yields in Fischerâ€“Tropsch synthesis achieved by a novel iron-based micro-capsule catalyst. Catalysis Today, 2015, 251, 41-46.	2.2	29
78	Immobilized laccase on magnetic nanoparticles for enhanced lignin model compounds degradation. Chinese Journal of Chemical Engineering, 2020, 28, 2152-2159.	1.7	29
79	Enhanced n-dodecane hydroisomerization performance by tailoring acid sites on bifunctional Pt/ZSM-22 via alkaline treatment. New Journal of Chemistry, 2018, 42, 111-117.	1.4	28
80	SiC foam monolith catalyst for pressurized adiabatic methane reforming. Applied Energy, 2013, 107, 297-303.	5.1	27
81	Tandem catalytic synthesis of benzene from CO₂and H₂. Catalysis Science and Technology, 2017, 7, 2695-2699.	2.1	27
82	Rapid adsorption of dyes from aqueous solutions by modified lignin derived superparamagnetic composites. Journal of Molecular Structure, 2022, 1261, 132954.	1.8	27
83	Thiourea-Based Bifunctional Ionic Liquids as Highly Efficient Catalysts for the Cycloaddition of CO2 to Epoxides. Catalysis Letters, 2017, 147, 1654-1664.	1.4	26
84	A comprehensive study on ozone pollution in a megacity in North China Plain during summertime: Observations, source attributions and ozone sensitivity. Environment International, 2021, 146, 106279.	4.8	26
85	Improved cardenolide production in Calotropis gigantea hairy roots using mechanical wounding and elicitation. Biotechnology Letters, 2012, 34, 563-569.	1.1	25
86	Tuning interactions between zeolite and supported metal by physical-sputtering to achieve higher catalytic performances. Scientific Reports, 2013, 3, 2813.	1.6	25
87	Highly selective and multifunctional Cu/ZnO/Zeolite catalyst for one-step dimethyl ether synthesis: Preparing catalyst by bimetallic physical sputtering. Fuel, 2013, 112, 140-144.	3.4	25
88	Ruthenium promoted cobalt catalysts prepared by an autocombustion method directly used for Fischerâ€“Tropsch synthesis without further reduction. Catalysis Science and Technology, 2014, 4, 3099.	2.1	25
89	Flame-made Cu/ZrO₂ catalysts with metastable phase and strengthened interactions for CO₂ hydrogenation to methanol. Chemical Communications, 2021, 57, 7509-7512.	2.2	25
90	Efficient demethylation of lignin for polyphenol production enabled by low-cost bifunctional protic ionic liquid under mild and halogen-free conditions. Chemical Engineering Journal, 2022, 443, 136486.	6.6	25

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91	Tunable isoparaffin and olefin synthesis in Fischerâ€“Tropsch synthesis achieved by composite catalyst. Fuel Processing Technology, 2015, 136, 68-72.	3.7	24
92	Hydrogen Bond Promoted Lignin Solubilization and Electrospinning in Low Cost Protic Ionic Liquids. ACS Sustainable Chemistry and Engineering, 2019, 7, 18593-18602.	3.2	24
93	Investigations on a series of novel ionic liquids containing the [closo-B12Cl12]2â^' dianion. RSC Advances, 2012, 2, 9830.	1.7	21
94	Chemical source profiles of particulate matter and gases emitted from solid fuels for residential cooking and heating scenarios in Qinghai-Tibetan Plateau. Environmental Pollution, 2021, 285, 117503.	3.7	21
95	Fischerâ€“Tropsch synthesis on impregnated cobalt-based catalysts: New insights into the effect of impregnation solutions and pH value. Journal of Energy Chemistry, 2016, 25, 994-1000.	7.1	20
96	From hydrophilic to hydrophobic: A promising approach to tackle high CO2 selectivity of Fe-based Fischer-Tropsch microcapsule catalysts. Catalysis Today, 2019, 330, 39-45.	2.2	20
97	Hollow polymeric ionic liquid spheres with hierarchical electron distribution: A novel composite of g-C3N4 for visible light photocatalytic water splitting enhancement. Chemical Engineering Journal, 2022, 440, 135625.	6.6	20
98	N-Heterocyclic Carbene Promoted Decarboxylation of Lignin-Derived Aromatic Acids. ACS Sustainable Chemistry and Engineering, 2018, 6, 7232-7238.	3.2	19
99	Robust nickel cluster@Mes-HZSM-5 composite nanostructure with enhanced catalytic activity in the DTG reaction. Journal of Catalysis, 2018, 363, 26-33.	3.1	19
100	Fabrication of potassium ion decorated 1D/2D g-C3N4/g-C3N4 homojunction enabled by dual-ions synergistic strategy for enhanced photocatalytic activity towards degradation of organic pollutants. Applied Surface Science, 2022, 575, 151695.	3.1	19
101	Synthesis and characterization of ethylenediaminium nitrophenolate. Journal of Molecular Structure, 2011, 989, 136-143.	1.8	18
102	Cascade Production of Lactic Acid from Universal Types of Sugars Catalyzed by Lanthanum Triflate. ChemSusChem, 2018, 11, 598-604.	3.6	18
103	Tandem Reactions over Zeolite-Based Catalysts in Syngas Conversion. ACS Central Science, 2022, 8, 1047-1062.	5.3	18
104	Green Synthesis of Rice Bran Microsphere Catalysts Containing Natural Biopromoters. ChemCatChem, 2015, 7, 1642-1645.	1.8	17
105	Sputtered nano-cobalt on H-USY zeolite for selectively converting syngas to gasoline. Journal of Energy Chemistry, 2015, 24, 637-641.	7.1	17
106	Isoparaffin-rich gasoline synthesis from DME over Ni-modified HZSM-5. Catalysis Science and Technology, 2016, 6, 8089-8097.	2.1	15
107	Superbase/saccharide: An ecologically benign catalyst for efficient fixation of CO₂into cyclic carbonates. Synthetic Communications, 2016, 46, 497-508.	1.1	15
108	Importance of the Initial Oxidation State of Copper for the Catalytic Hydrogenation of Dimethyl Oxalate to Ethylene Glycol. ChemistryOpen, 2018, 7, 969-976.	0.9	15

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109	Tunable Synthesis of Ethanol or Methyl Acetate via Dimethyl Oxalate Hydrogenation on Confined Iron Catalysts. ACS Catalysis, 2021, 11, 4908-4919.	5.5	15
110	Methyl Ketones from Municipal Solid Waste Blends by Oneâ€Pot Ionicâ€Liquid Pretreatment, Saccharification, and Fermentation. ChemSusChem, 2019, 12, 4313-4322.	3.6	14
111	CHAPTER 3. Ionic Liquid Pretreatment of Lignocellulosic Biomass for Biofuels and Chemicals. RSC Green Chemistry, 2015, , 65-94.	0.0	14
112	Chitin-Based Carbon Dots with Tunable Photoluminescence for Fe³⁺ Detection. ACS Applied Nano Materials, 2022, 5, 7502-7511.	2.4	14
113	Characterization of lignin streams during ionic liquid/hydrochloric acid/formaldehyde pretreatment of corn stalk. Bioresource Technology, 2021, 331, 125064.	4.8	13
114	Controllable conversion of shrimp shells into chitin or derived carbon material using acidic deep eutectic solvent. International Journal of Biological Macromolecules, 2021, 193, 347-357.	3.6	13
115	One-pot ethanol production under optimized pretreatment conditions using agave bagasse at high solids loading with low-cost biocompatible protic ionic liquid. Green Chemistry, 2022, 24, 207-217.	4.6	13
116	Selectively Converting Biomass to Jet Fuel in Largeâ€scale Apparatus. ChemCatChem, 2017, 9, 2668-2674.	1.8	12
117	Manganese cluster induce the control synthesis of RHO- and CHA-type silicoaluminaphosphates for dimethylether to light olefin conversion. Fuel, 2019, 244, 104-109.	3.4	12
118	Fischerâ€“Tropsch synthesis over iron catalysts with corncob-derived promoters. Journal of Energy Chemistry, 2017, 26, 632-638.	7.1	11
119	Hydrogen bond promoted thermal stability enhancement of acetate based ionic liquid. Chinese Journal of Chemical Engineering, 2020, 28, 1293-1301.	1.7	11
120	Ionothermal synthesis of carbon dots from cellulose in deep eutectic solvent: A sensitive probe for detecting Cu2+ and glutathione with â€œoff-onâ€•pattern. Applied Surface Science, 2022, 599, 153705.	3.1	11
121	Confined and in-situ zeolite synthesis: A novel strategy for defect reparation over dense Pd membranes for hydrogen separation. Separation and Purification Technology, 2017, 184, 43-53.	3.9	10
122	Methodology of Redispersible Dry Cellulose Nanofibrils Powder Synthesis under Waterless Condition. ACS Sustainable Chemistry and Engineering, 2019, 7, 10690-10698.	3.2	10
123	An Efficient and Stable Ionic Liquid System for Synthesis of Ethylene Glycol via Hydrolysis of Ethylene Carbonate. Chinese Journal of Chemical Engineering, 2010, 18, 962-966.	1.7	9
124	Fabrication of Ni-Based Bimodal Porous Catalyst for Dry Reforming of Methane. Catalysts, 2020, 10, 1220.	1.6	8
125	The unimolecular thermal decomposition mechanism of syn, anti-N,Nâ€²-Dinitrourea (DNU). Combustion and Flame, 2012, 159, 1393-1398.	2.8	7
126	Functionalized Natural Carbonâ€Supported Nanoparticles as Excellent Catalysts for Hydrocarbon Production. Chemistry - an Asian Journal, 2017, 12, 366-371.	1.7	7

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127	Fe Doped Bimodal Macro/Mesoporous Nickel-Based Catalysts for CO₂â€“CH₄ Reforming. Industrial & Engineering Chemistry Research, 2022, 61, 10347-10356.	1.8	6
128	Separation of chitin from shrimp shells enabled by transition metal salt aqueous solution and ionic liquid. Chinese Journal of Chemical Engineering, 2023, 53, 133-141.	1.7	5
129	Degradation of biorefractory furaltadone in aqueous solution by ozonation. Journal of Chemical Technology and Biotechnology, 2008, 83, 1347-1352.	1.6	4
130	Nitrate Combustion Methods to Prepare Highly Active Cu/ZnO Catalysts for Low-Temperature Methanol Synthesis: Comparative Behaviors of Citric Acid in Air or Argon Atmosphere. Bulletin of the Chemical Society of Japan, 2013, 86, 1202-1209.	2.0	3
131	Insight into the Morphologyâ€Dependent Catalytic Performance of CuO/CeO₂ Produced by Tannic Acid for Efficient Hydrogenation of 4â€Nitrophenol. Chemistry - an Asian Journal, 2021, 16, 3371-3384.	1.7	3
132	Fabrication of Stable Cu-Ce Catalyst with Active Interfacial Sites for NOx Elimination by Flame Spray Pyrolysis. Catalysts, 2022, 12, 432.	1.6	3
133	Expanding Small Pore Size of the Bimodal Catalyst with Surfactant and Its Application in Slurry-phase Fischer-Tropsch Synthesis. ChemistrySelect, 2016, 1, 778-783.	0.7	2
134	Lignin derived absorbent for efficient and sustainable CO2 capture. Chinese Journal of Chemical Engineering, 2023, 54, 89-97.	1.7	2
135	Pore Structure Model of Bimodal Catalyst Supports. Journal of the Japan Petroleum Institute, 2014, 57, 230-234.	0.4	1
136	Pretreatment and Conversion of Shrimp/Crab Shells into High-Value Products with Ionic Liquids. , 2020, , 1-14.		0