

Zhao-Tie Liu

List of Publications by Year in descending order

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206
papers

4,632
citations

101543

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168389

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all docs

219
docs citations

219
times ranked

5744
citing authors

#	ARTICLE	IF	CITATIONS
1	Photothermal oxidation of cyclohexane over CoLaOx/WO ₃ Z-scheme composites with p-n heterojunction in solvent-free conditions. <i>Catalysis Today</i> , 2023, 409, 42-52.	4.4	9
2	Elucidating the Support-Size Effect on the Catalytic Stability of CrOx/Silicalite-1 for Oxidative Dehydrogenation of Propane with CO ₂ . <i>Catalysis Letters</i> , 2023, 153, 790-804.	2.6	5
3	Solvent-induced synthesis of hierarchical TiO ₂ nanoflowers with tunable morphology by monolayer self-assembly for probing the photocatalytic performance. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 1075-1087.	9.1	6
4	Dehydrogenation of propane in the presence of CO ₂ over GaN/SiO ₂ catalysts: Relationship between the type of SiO ₂ and the activity. <i>Chemical Engineering Journal</i> , 2022, 433, 134443.	12.7	11
5	Electrocatalytic CO ₂ reduction to ethylene over ZrO ₂ /Cu-Cu ₂ O catalysts in aqueous electrolytes. <i>Green Chemistry</i> , 2022, 24, 1527-1533.	9.0	28
6	N-formylation of isoquinoline derivatives with CO ₂ and H ₂ over a heterogeneous Ru/ZIF-8 catalyst. <i>Journal of Experimental Nanoscience</i> , 2022, 17, 61-74.	2.4	2
7	Constructing of ultrathin Bi ₂ WO ₆ /BiOCl nanosheets with oxygen vacancies for photocatalytic oxidation of cyclohexane with air in solvent-free. <i>Applied Surface Science</i> , 2022, 584, 152606.	6.1	34
8	Efficient and selective hydrogenation of quinolines over FeNiCu/MCM-41 catalyst at low temperature: Synergism of Fe-Ni and Ni-Cu alloys. <i>Molecular Catalysis</i> , 2022, 520, 112166.	2.0	4
9	Photoprogrammable Moisture-Responsive Actuation of a Shape Memory Polymer Film. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 10836-10843.	8.0	29
10	Research progress of CO ₂ oxidative dehydrogenation of propane to propylene over Cr-free metal catalysts. <i>Rare Metals</i> , 2022, 41, 2129-2152.	7.1	20
11	Texture and acidity of amorphous silica-alumina regulated by the complex-decomposition method for steam reforming of dimethyl ether. <i>Catalysis Today</i> , 2022, 402, 172-182.	4.4	2
12	Biomass-Modified Zirconium-Based Catalyst for One-Pot Reductive Etherification of Bioderived Aldehydes to Furanic Diether. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 4969-4979.	6.7	8
13	CO ₂ oxidative dehydrogenation of n-butane to butadiene over CrOx supported on CeZr solid solution. <i>Molecular Catalysis</i> , 2022, 524, 112262.	2.0	3
14	Light-Guided Growth of Gradient Hydrogels with Programmable Geometries and Thermally Responsive Actuators. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 29188-29196.	8.0	5
15	Synthesis of dimethyl carbonate from CO ₂ and methanol over CeO ₂ nanoparticles/Co ₃ O ₄ nanosheets. <i>Fuel</i> , 2022, 325, 124945.	6.4	15
16	Rubber-like composites with tunable thermal- and photo-responsive shape memory properties. <i>Chemical Engineering Journal</i> , 2022, 447, 137534.	12.7	14
17	Understanding the Role of Fe Doping in Tuning the Size and Dispersion of GaN Nanocrystallites for CO ₂ -Assisted Oxidative Dehydrogenation of Propane. <i>ACS Catalysis</i> , 2022, 12, 8527-8543.	11.2	10
18	Experimental and density functional theory studies on hydroxymethylation of phenylboronic acids with paraformaldehyde over a Rh ₃ (PPh) ₃ catalyst. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6104.	3.5	3

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19	Rational Designed Polymer as a Metal-Free Catalyst for Hydroxylation of Benzene to Phenol with Dioxygen. <i>Catalysis Letters</i> , 2021, 151, 1330-1335.	2.6	2
20	Controlled direct synthesis of single- to multiple-layer MWW zeolite. <i>National Science Review</i> , 2021, 8, nwaa236.	9.5	13
21	Nb ₂ C MXene assisted CoNi bimetallic catalysts for hydrogenolysis of aromatic ethers. <i>Sustainable Energy and Fuels</i> , 2021, 5, 963-972.	4.9	4
22	Co ^{II} -polymerization of propylene oxide and CO ₂ using early transition metal (groups IV and V) metallocalix[n]arenes (n = 4, 6, 8). <i>Journal of Applied Polymer Science</i> , 2021, 138, 50513.	2.6	4
23	Efficient and selective oxidation of cyclohexane to cyclohexanone over flake hexagonal boron nitride/titanium dioxide hybrid photocatalysts. <i>Molecular Catalysis</i> , 2021, 505, 111530.	2.0	4
24	Gallium nitride catalyzed the direct hydrogenation of carbon dioxide to dimethyl ether as primary product. <i>Nature Communications</i> , 2021, 12, 2305.	12.8	45
25	Highly Efficient Oxidative Cyanation of Aldehydes to Nitriles over Se,S,N ⁺ -tri ⁺ -Doped Hierarchically Porous Carbon Nanosheets. <i>Angewandte Chemie</i> , 2021, 133, 21649-21655.	2.0	1
26	Programmable Humidity-Responsive Actuation of Polymer Films Enabled by Combining Shape Memory Property and Surface-Tunable Hygroscopicity. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 38773-38782.	8.0	25
27	Highly Efficient Oxidative Cyanation of Aldehydes to Nitriles over Se,S,N ⁺ -tri ⁺ -Doped Hierarchically Porous Carbon Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21479-21485.	13.8	29
28	Construction of Indium Oxide/N-Doped Titanium Dioxide Hybrid Photocatalysts for Efficient and Selective Oxidation of Cyclohexane to Cyclohexanone. <i>Journal of Physical Chemistry C</i> , 2021, 125, 19791-19801.	3.1	21
29	Active and selective nature of supported CrO _x for the oxidative dehydrogenation of propane with carbon dioxide. <i>Applied Catalysis B: Environmental</i> , 2021, 297, 120400.	20.2	43
30	Photothermal CO ₂ hydrogenation to hydrocarbons over trimetallic Co ⁺ -Cu ⁺ -Mn catalysts. <i>Green Chemistry</i> , 2021, 23, 5775-5785.	9.0	24
31	Oxidative Dehydrogenation of Propane to Propylene in the Presence of CO ₂ over Gallium Nitride Supported on NaZSM-5. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 2807-2817.	3.7	19
32	Highly active K-promoted Cu ^{II} -Mo ₂ C catalysts for reverse water gas shift reaction: Effect of potassium. <i>Molecular Catalysis</i> , 2021, 516, 111954.	2.0	10
33	A Multi-modal Panoramic Speaker Localization Method. , 2021, , .		0
34	Photo-Dissociable Fe ³⁺ -Carboxylate Coordination: A General Approach toward Hydrogels with Shape Programming and Active Morphing Functionalities. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59310-59319.	8.0	15
35	Amorphous silica-alumina composite with regulated acidity for efficient production of hydrogen via steam reforming of dimethyl ether. <i>Catalysis Today</i> , 2020, 351, 68-74.	4.4	11
36	Flame-spray-pyrolysis amorphous alumina-silica for tailoring the product distribution of Fischer-Tropsch synthesis. <i>Catalysis Today</i> , 2020, 339, 40-47.	4.4	6

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37	Interaction between ammonium perfluorooctanoate and CO ₂ and its removal from fluoropolymer in supercritical carbon dioxide. <i>Separation and Purification Technology</i> , 2020, 232, 115955.	7.9	3
38	Insight into the Intermolecular Interaction and Free Radical Polymerizability of Methacrylates in Supercritical Carbon Dioxide. <i>Polymers</i> , 2020, 12, 78.	4.5	2
39	Photothermal CO ₂ hydrogenation to methanol over a CoO/Co/TiO ₂ catalyst in aqueous media under atmospheric pressure. <i>Catalysis Today</i> , 2020, 356, 579-588.	4.4	32
40	Photoresponsive Shape Memory Hydrogels for Complex Deformation and Solvent-Driven Actuation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 6407-6418.	8.0	46
41	Reversible aerobic oxidative dehydrogenation/hydrogenation of N-heterocycles over AlN supported redox cobalt catalysts. <i>Molecular Catalysis</i> , 2020, 496, 111192.	2.0	7
42	Catalytic Behavior of Alkali Treated H-MOR in Selective Synthesis of Ethylenediamine via Condensation Amination of Monoethanolamine. <i>Catalysts</i> , 2020, 10, 386.	3.5	3
43	Catalytic hydrodeoxygenation of biomass-derived oxygenates to bio-fuels over Co-based bimetallic catalysts. <i>Sustainable Energy and Fuels</i> , 2020, 4, 4558-4569.	4.9	21
44	Balancing free and confined metallic Ni for an active and stable catalyst—A case study of CO methanation over Ni/NiO/Al ₂ O ₃ . <i>Journal of Energy Chemistry</i> , 2020, 50, 73-84.	12.9	19
45	Facile synthesis of SiO ₂ supported GaN as an active catalyst for CO ₂ enhanced dehydrogenation of propane. <i>Journal of CO₂ Utilization</i> , 2020, 38, 306-313.	6.8	28
46	Iminoboronate Backbone-Based Hyperbranched Polymeric Micelles with Fenton-Like Enhanced ROS Response. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000022.	2.2	5
47	A combined experimental and theoretical study of the thermal decomposition mechanism and kinetics of ammonium dinitramide (ADN). <i>New Journal of Chemistry</i> , 2020, 44, 6833-6844.	2.8	9
48	The Active Nature of Crystal MoS ₂ for Converting Sulfur-Containing Syngas. <i>ChemCatChem</i> , 2019, 11, 1112-1122.	3.7	5
49	Defect-rich Ce _{1-x} Zr _x O ₂ solid solutions for oxidative dehydrogenation of ethylbenzene with CO ₂ . <i>Catalysis Today</i> , 2019, 324, 39-48.	4.4	29
50	Insights into the long-term stability of the magnesia modified H-ZSM-5 as an efficient solid acid for steam reforming of dimethyl ether. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 21481-21494.	7.1	13
51	Controlled 3D Shape Transformation Activated by Room Temperature Stretching and Release of a Flat Polymer Sheet. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30308-30316.	8.0	8
52	Catalytic Oxidative Dehydrogenation of n-Butane on Gallium Nitride-Containing Titanosilicate Catalyst. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 3115-3124.	1.7	13
53	Two-step hydrothermally synthesized Ce _{1-x} Zr _x O ₂ for oxidative dehydrogenation of ethylbenzene with carbon dioxide. <i>Journal of CO₂ Utilization</i> , 2019, 34, 99-107.	6.8	12
54	Understanding the active-site nature of vanadia-based catalysts for oxidative dehydrogenation of ethylbenzene with CO ₂ via atomic layer deposited VO _x on γ -Al ₂ O ₃ . <i>Journal of Catalysis</i> , 2019, 380, 195-203.	6.2	23

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55	The formation and physicochemical properties of PEGylated deep eutectic solvents. <i>New Journal of Chemistry</i> , 2019, 43, 8804-8810.	2.8	51
56	Backbone- ϵ -Hydrolyzable Poly(oligo(ethylene glycol) bis(glycidyl ether)- α -ketoglutaric acid) with Tunable LCST Behavior. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900004.	2.2	1
57	Selective hydrogenation of quinolines over a CoCu bimetallic catalyst at low temperature. <i>Molecular Catalysis</i> , 2019, 470, 120-126.	2.0	31
58	Precious metal nanoparticles supported on KOH pretreated activated carbon under microwave radiation as a catalyst for selective hydrogenation of cinnamaldehyde. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 2505-2515.	1.7	5
59	Insights into the Oxidative Dehydrogenation of Ethylbenzene with CO ₂ Catalyzed by the Ordered Mesoporous V ₂ O ₅ -Ce _{0.5} Zr _{0.5} O ₂ -Al ₂ O ₃ . <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 21372-21381.	3.7	5
60	A Thermo- and Moisture-Responsive Zwitterionic Shape Memory Polymer for Novel Self-Healable Wound Dressing Applications. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800603.	3.6	29
61	Acid activated montmorillonite for gas-phase catalytic dehydration of monoethanolamine. <i>Applied Clay Science</i> , 2019, 168, 116-124.	5.2	15
62	Cobalt nanoparticles confined in carbon matrix for probing the size dependence in Fischer-Tropsch synthesis. <i>Journal of Catalysis</i> , 2019, 369, 143-156.	6.2	72
63	Controllable and scalable synthesis of hollow-structured porous aromatic polymer for selective adsorption and separation of HMF from reaction mixture of fructose dehydration. <i>Chemical Engineering Journal</i> , 2019, 358, 467-479.	12.7	29
64	Impact of the acidic group on the hydrolysis of 2-dinitromethylene-5,5-dinitropyrimidine-4,6-dione. <i>RSC Advances</i> , 2018, 8, 13301-13309.	3.6	1
65	Metal-support interactions regulated via carbon coating - A case study of Co/SiO ₂ for Fischer-Tropsch synthesis. <i>Fuel</i> , 2018, 226, 213-220.	6.4	27
66	Direct Synthesis of the Reduced Co ₂ /SiO ₂ As an Efficient Catalyst for Fischer-Tropsch Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 1137-1145.	3.7	7
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73	2D-to-3D Shape Transformation of Room-Temperature-Programmable Shape-Memory Polymers through Selective Suppression of Strain Relaxation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40189-40197.	8.0	30
74	Catalytic function of VO _x /Al ₂ O ₃ for oxidative dehydrogenation of propane: support microstructure-dependent mass transfer and diffusion. <i>Catalysis Science and Technology</i> , 2018, 8, 4864-4876.	4.1	19
75	Investigation of the optimal treatment condition for flax rove in supercritical CO ₂ . <i>Thermal Science</i> , 2018, 22, 1613-1619.	1.1	0
76	Nickel-catalyzed carbonylation of arylboronic acids with DMF as a CO source. <i>Organic Chemistry Frontiers</i> , 2017, 4, 569-572.	4.5	25
77	Hydrogen production by sorption-enhanced steam reforming of acetic acid over Ni/Ce x Zr 1âˆ² x O 2 -CaO catalysts. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 7786-7797.	7.1	34
78	Fabricating Triple-Sensitive Polymer Nano-Aggregates via an Aqueous Iminoboronate Multicomponent Reaction. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600805.	3.9	9
79	Construction of Î²-Trifluoromethyl Enol Ether via Base-Promoted Câ€“O Coupling and Rearrangement of Hydrogen Atom. <i>Journal of Organic Chemistry</i> , 2017, 82, 4721-4728.	3.2	8
80	Modeling and simulation of an improved ammonia-based desulfurization process for Claus tail gas treatment. <i>RSC Advances</i> , 2017, 7, 23591-23599.	3.6	5
81	Cobalt supported on Zr-modified SiO ₂ as an efficient catalyst for Fischerâ€™Tropsch synthesis. <i>RSC Advances</i> , 2017, 7, 24157-24162.	3.6	6
82	Catalytic behavior of manganese oxides for oxidative dehydrogenation of ethylbenzene with carbon dioxide. <i>Journal of CO₂ Utilization</i> , 2017, 22, 63-70.	6.8	13
83	Immobilization of Cyclometalated Iridium Complex onto Multiwalled Carbon Nanotubes for Dehydrogenation of Indolines in Aqueous Solution. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 11413-11421.	3.7	8
84	Amphiphilic Imbalance and Stabilization of Block Copolymer Micelles onâ€™Demand through Combinational Photoâ€™Cleavage and Photoâ€™Crosslinking. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600543.	3.9	17
85	2-Nitrobenzyl Borate Based Photolabile Linker for Breakable Polymer Vesicles. <i>Macromolecular Rapid Communications</i> , 2016, 37, 514-520.	3.9	10
86	Controlled radical polymerization of fluorinated methacrylates in supercritical <sc>CO</sc>₂: Synthesis and application of a novel <sc>RAFT</sc> agent. <i>Journal of Polymer Science Part A</i> , 2016, 54, 825-834.	2.3	7
87	Copperâ€™Catalyzed Coupling of Indoles with Dimethylformamide as a Methylenating Reagent. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 539-542.	4.3	44
88	One-step green approach for synthesizing highly ordered pillaring materials via ultrafast transportation. <i>Applied Clay Science</i> , 2016, 124-125, 137-142.	5.2	2
89	The delaminating and pillaring of MCM-22 for Fischerâ€™Tropsch synthesis over cobalt. <i>Catalysis Today</i> , 2016, 274, 109-115.	4.4	21
90	Palladium-catalyzed Suzukiâ€™Miyaura reaction of fluorinated vinyl chloride: a new approach for synthesis of 1,1,1-trifluoromethylstyrenes. <i>Tetrahedron</i> , 2016, 72, 5684-5690.	1.9	9

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91	Palladium catalyzed mono and difunctionalization of hexafluorobut-2-yne. <i>Tetrahedron Letters</i> , 2016, 57, 4345-4347.	1.4	6
92	Insight into the acidic group-induced nitration mechanism of 2-methyl-4,6-dihydropyrimidine (MDP) with nitronium. <i>RSC Advances</i> , 2016, 6, 80145-80157.	3.6	1
93	Palladium-Catalyzed Direct Cross-Coupling of Carboranylithium with (Hetero)Aryl Halides. <i>Chemistry - A European Journal</i> , 2016, 22, 17542-17546.	3.3	24
94	A superhydrophobic hyper-cross-linked polymer synthesized at room temperature used as an efficient adsorbent for volatile organic compounds. <i>RSC Advances</i> , 2016, 6, 97048-97054.	3.6	26
95	Diethanol ammonium-borate based polybetaine with tunable UCST phase transition. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016, 34, 777-784.	3.8	3
96	Amphiphilic Polymer Micellar Disruption Based on Main-Chain Photodegradation. <i>Langmuir</i> , 2016, 32, 12-18.	3.5	16
97	Oxidative Heck Reaction of Fluorinated Olefins with Arylboronic Acids by Palladium Catalysis. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4340-4343.	2.4	28
98	Density functional theory study on the reaction of triazol-3-one with nitronium: direct nitration versus acidic group-induced nitration. <i>RSC Advances</i> , 2015, 5, 25183-25191.	3.6	8
99	Effective activation of montmorillonite and its application for Fischer-Tropsch synthesis over ruthenium promoted cobalt. <i>Fuel Processing Technology</i> , 2015, 136, 87-95.	7.2	26
100	Insights into CeO ₂ -modified Ni-Mg-Al oxides for pressurized carbon dioxide reforming of methane. <i>Chemical Engineering Journal</i> , 2015, 259, 581-593.	12.7	50
101	Photo-induced dynamic association of coumarin pendants within amphiphilic random copolymer micelles. <i>Colloid and Polymer Science</i> , 2015, 293, 823-831.	2.1	13
102	Cobalt-supported carbon and alumina co-pillared montmorillonite for Fischer-Tropsch synthesis. <i>Fuel Processing Technology</i> , 2015, 138, 116-124.	7.2	17
103	Synthesis of novel hyper-cross-linked polymers as adsorbent for removing organic pollutants from humid streams. <i>Chemical Engineering Journal</i> , 2015, 281, 34-41.	12.7	72
104	Light-Triggered Disruption of PAG-Based Amphiphilic Random Copolymer Micelles. <i>Langmuir</i> , 2015, 31, 7758-7763.	3.5	14
105	Insight into the role of intermolecular interactions on the enhanced solubility of fluorinated epoxide oligomers in supercritical CO ₂ . <i>Green Chemistry</i> , 2015, 17, 4489-4498.	9.0	14
106	Vanadium Oxide Supported on Titanosilicates for the Oxidative Dehydrogenation of <i>n</i> -Butane. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 3602-3610.	3.7	17
107	Effect of Fe(III) on hydrogenation of citral over Pt supported multiwalled carbon nanotube. <i>Catalysis Communications</i> , 2015, 68, 105-109.	3.3	17
108	Key Factors on the Pressurized Tri-Reforming of Methane over Ni-SiO ₂ . <i>ACS Symposium Series</i> , 2015, , 155-169.	0.5	9

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109	Regioisomerized atom transfer radical addition (ATRA) of olefins with dichlorofluorocarbons. <i>RSC Advances</i> , 2015, 5, 101412-101415.	3.6	6
110	Palladium-Catalyzed Oxidative Carbonylation for the Synthesis of Symmetrical Diaryl Ketones at Atmospheric CO Pressure. <i>Synlett</i> , 2014, 25, 1097-1100.	1.8	12
111	Highly Efficient Rhodium-Catalyzed Transfer Hydrogenation of Nitroarenes into Amines and Formanilides. <i>Synlett</i> , 2014, 25, 1295-1298.	1.8	25
112	Perfectly Alternating Copolymerization of Propylene Oxide and CO ₂ over SalenCo/SalenCr Complexes. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2014, 51, 589-597.	2.2	7
113	Highly Active and Stable Ni@SiO ₂ Prepared by a Complex-Decomposition Method for Pressurized Carbon Dioxide Reforming of Methane. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 19077-19086.	3.7	25
114	Equilibrating Immigration and Anthracene-Maleimide-Based Diels-Alder-Trapping of Octylmaleimide in Mixed Photo-Cross-Linked Polymer Micelles. <i>Langmuir</i> , 2014, 30, 14782-14788.	3.5	2
115	DMF as Carbon Source: Rh-Catalyzed α -Methylation of Ketones. <i>Organic Letters</i> , 2014, 16, 66-69.	4.6	101
116	Catalyst-free transformation of levulinic acid into pyrrolidinones with formic acid. <i>Green Chemistry</i> , 2014, 16, 1093-1096.	9.0	75
117	The photodimerization characteristics of anthracene pendants within amphiphilic polymer micelles in aqueous solution. <i>RSC Advances</i> , 2014, 4, 25912-25915.	3.6	21
118	Hydrophobic conjugated microporous polymer as a novel adsorbent for removal of volatile organic compounds. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14028-14037.	10.3	52
119	A General Method for α -Methylation of Amines and Nitro Compounds with Dimethylsulfoxide. <i>Chemistry - A European Journal</i> , 2014, 20, 58-63.	3.3	124
120	Removal of cobalt(II) ion from aqueous solution by chitosan@montmorillonite. <i>Journal of Environmental Sciences</i> , 2014, 26, 1879-1884.	6.1	81
121	Insights into the vanadia catalyzed oxidative dehydrogenation of isobutane with CO ₂ . <i>Chinese Journal of Catalysis</i> , 2014, 35, 1329-1336.	14.0	13
122	Adsorption-template preparation of polyanilines with different morphologies and their capacitance. <i>Electrochimica Acta</i> , 2014, 145, 99-108.	5.2	43
123	Synthesis, characterization, and catalytic application of ordered mesoporous carbon@niobium oxide composites. <i>Materials Research Bulletin</i> , 2014, 59, 131-136.	5.2	13
124	High-performance Ni@SiO ₂ for pressurized carbon dioxide reforming of methane. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 11592-11605.	7.1	29
125	Effects of various factors on the modification of carbon nanotubes with polyvinyl alcohol in supercritical CO ₂ and their application in electrospun fibers. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 690-697.	2.6	5
126	Sutures modified by silver-loaded montmorillonite with antibacterial properties. <i>Applied Clay Science</i> , 2014, 93-94, 102-106.	5.2	41

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127	Synthesis of TiO ₂ /ramie fiber composite and its photocatalytic effect on the degradation of a dye in wastewater. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2013, 110, 515-528.	1.7	0
128	Synthesis of graphene@NiFe ₂ O ₄ nanocomposites and their electrochemical capacitive behavior. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6393.	10.3	160
129	Preparation and capacitance properties of graphene/NiAl layered double-hydroxide nanocomposite. <i>Journal of Colloid and Interface Science</i> , 2013, 396, 251-257.	9.4	73
130	Cobalt Supported on Alkaline-Activated Montmorillonite as an Efficient Catalyst for Fischer-Tropsch Synthesis. <i>Energy & Fuels</i> , 2013, 27, 6362-6371.	5.1	22
131	One-Step, Continuous-Flow, Highly Catalytic Hydrogenation-Isomerization of Dicyclopentadiene to <i>cis</i> -Tetrahydrodicyclopentadiene over Ni-Supported Catalysts for the Production of High-Energy-Density Fuel. <i>Energy & Fuels</i> , 2013, 27, 6339-6347.	5.1	23
132	Highly enantioselective catalytic domino reaction: Synthesis of (R)-2-phenyl-2H-thiochromene-3-carbaldehyde in supercritical carbon dioxide. <i>Russian Journal of Organic Chemistry</i> , 2013, 49, 1854-1856.	0.8	4
133	Insights into the unexpected formation of hexamethylbenzene during steam reforming of dimethyl ether over zeolite-based bifunctional catalysts. <i>Catalysis Today</i> , 2013, 210, 75-80.	4.4	2
134	Promotional effects and mechanism of second cations on activity and stability of Co-MOR for nitrous oxide decomposition: UV-Vis spectroscopy and EXAFS analysis. <i>Chemical Engineering Journal</i> , 2013, 226, 95-104.	12.7	10
135	Magnesia modified H-ZSM-5 as an efficient acidic catalyst for steam reforming of dimethyl ether. <i>Applied Catalysis B: Environmental</i> , 2013, 134-135, 381-388.	20.2	52
136	Fischer-Tropsch synthesis over cobalt/montmorillonite promoted with different interlayer cations. <i>Fuel</i> , 2013, 109, 33-42.	6.4	19
137	Ultraclean Fuels Production and Utilization for the Twenty-First Century: Advances toward Sustainable Transportation Fuels. <i>Energy & Fuels</i> , 2013, 27, 6335-6338.	5.1	43
138	(S)-5-prolylamide-triazole Organocatalyst for Direct Asymmetric Aldol Reactions. <i>Current Organic Chemistry</i> , 2013, 17, 1563-1568.	1.6	4
139	Carbon Fibers/Poly(trifluoroethyl methacrylate) Composites Synthesized under Supercritical CO ₂ . <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012, 49, 828-833.	2.2	3
140	Alumina Grafted to SBA-15 in Supercritical CO ₂ as a Support of Cobalt for Fischer-Tropsch Synthesis. <i>Energy & Fuels</i> , 2012, 26, 6567-6575.	5.1	23
141	Selective Hydrogenation of Cinnamaldehyde over Pt and Pd Supported on Multiwalled Carbon Nanotubes in a CO ₂ -Expanded Alcoholic Medium. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 11112-11121.	3.7	46
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