Sheng-ping Wang

List of Publications by Year
in descending order

142 papers	9,702 citations	57758 44 h-index	37204 96 g-index
142 all docs	142 docs citations	142 times ranked	9543 citing authors

#	Article	IF	Citations
1	Coupling effect of bifunctional ZnCe@SBA-15 catalyst in 1,3-butadiene production from bioethanol. Chinese Journal of Chemical Engineering, 2022, 45, 162-170.	3.5	2
2	The cooperation effect of Ni and Pt in the hydrogenation of acetic acid. Frontiers of Chemical Science and Engineering, 2022, 16, 397-407.	4.4	6
3	Effects of Intimacy between Acid and Metal Sites on the Isomerization of n-C16 at the Large/Minor Nanoscale and Atomic Scale. ACS Catalysis, 2022, 12, 4092-4102.	11.2	12
4	Copper Phyllosilicate Nanotube Catalysts for the Chemosynthesis of Cyclohexane via Hydrodeoxygenation of Phenol. ACS Catalysis, 2022, 12, 4724-4736.	11.2	35
5	Cascade hydrogenation of n-C16 to produce jet fuel over tandem catalysts of modified ZSM-22. Journal of Industrial and Engineering Chemistry, 2022, 111, 88-97.	5.8	2
6	Mechanistic insight into the electron-donation effect of modified ZIF-8 on Ru for CO2 hydrogenation to formic acid. Journal of CO2 Utilization, 2022, 60, 101992.	6.8	14
7	Enhanced Thermocatalytic Stability by Coupling Nickel Step Sites with Nitrogen Heteroatoms for Dry Reforming of Methane. ACS Catalysis, 2022, 12, 316-330.	11.2	16
8	Regulating electronic environment on alkali metal-doped Cu@NS-SiO2 for selective anisole hydrodeoxygenation. Green Chemical Engineering, 2022, , .	6.3	0
9	Influence of valence state of cerium ion on dimethyl carbonate synthesis from methanol and carbon dioxide over CeO 2. Asia-Pacific Journal of Chemical Engineering, 2021, 16, .	1.5	1
10	CeO 2 hollow nanosphere for catalytic synthesis of dimethyl carbonate from CO 2 and methanol: The effect of cavity effect on catalytic performance. Asia-Pacific Journal of Chemical Engineering, 2021, 16, .	1.5	3
11	Highly active Pd-Fe/Î±-Al2O3 catalyst with the bayberry tannin as chelating promoter for CO oxidative coupling to diethyl oxalate. Chinese Chemical Letters, 2021, 32, 796-800.	9.0	5
12	Enhanced synergy between Cu0 and Cu+ on nickel doped copper catalyst for gaseous acetic acid hydrogenation. Frontiers of Chemical Science and Engineering, 2021, 15, 666-678.	4.4	11
13	Kraft Lignin Ethanolysis over Zeolites with Different Acidity and Pore Structures for Aromatics Production. Catalysts, 2021, 11, 270.	3.5	7
14	Enhanced catalytic performance of Nix-V@HSS catalysts for the DRM reaction: The study of interfacial effects on Ni-VOx structure with a unique yolk-shell structure. Journal of Catalysis, 2021, 396, 65-80.	6.2	31
15	Pelletization and attrition of CaOâ€based adsorbent for CO₂ capture. Asia-Pacific Journal of Chemical Engineering, 2021, 16, e2656.	1.5	4
16	The hydrotreatment of nâ€C16 over Pt/HPMo/SBAâ€15 and the investigation of diffusion effect using a novel Wâ€P criterion. AICHE Journal, 2021, 67, e17330.	3.6	10
17	Effect of Ce doping on the catalytic performance of xNiCeO_y@SiO₂ catalysts for dry reforming of methane. Asia-Pacific Journal of Chemical Engineering, 2021, 16, e2678.	1.5	5
18	LDH derived MgAl2O4 spinel supported Pd catalyst for the low-temperature methane combustion: Roles of interaction between spinel and PdO. Applied Catalysis A: General, 2021, 621, 118211.	4.3	16

#	Article	IF	Citations
19	Double-Site Doping of a V Promoter on Ni_x-V-MgAl Catalysts for the DRM Reaction: Simultaneous Effect on CH₄ and CO₂ Activation. ACS Catalysis, 2021, 11, 8749-8765.	11.2	40
20	Enhanced performance of xNi@yMo-HSS catalysts for DRM reaction via the formation of a novel SiMoOx species. Applied Catalysis B: Environmental, 2021, 291, 120075.	20.2	23
21	Kilogram-scale production and pelletization of Al-promoted CaO-based sorbent for CO2 capture. Fuel, 2021, 301, 121049.	6.4	27
22	Attrition of CaO-based adsorbent in a laboratory-scale fluidized system. Powder Technology, 2021, 393, 368-379.	4.2	2
23	Hydrodeoxygenation of aliphatic acid over NiFe intermetallic compounds: Insights into the mechanism via model compound study. Fuel, 2021, 305, 121545.	6.4	11
24	Efficient MgO-doped CaO sorbent pellets for high temperature CO2 capture. Frontiers of Chemical Science and Engineering, 2021, 15, 698-708.	4.4	18
25	Promotional effect of indium on Cu/SiO₂ catalysts for the hydrogenation of dimethyl oxalate to ethylene glycol. Catalysis Science and Technology, 2021, 11, 6854-6865.	4.1	9
26	Confined high dispersion of Ni nanoparticles derived from nickel phyllosilicate structure in silicalite-2 shell for dry reforming of methane with enhanced performance. Microporous and Mesoporous Materials, 2021, 313, 110842.	4.4	16
27	Fabrication of a NiFe Alloy Oxide Catalyst via Surface Reconstruction for Selective Hydrodeoxygenation of Fatty Acid to Fatty Alcohol. ACS Sustainable Chemistry and Engineering, 2021, 9, 15027-15041.	6.7	12
28	New ZnCe catalyst encapsulated in SBA-15 in the production of 1,3-butadiene from ethanol. Chinese Chemical Letters, 2020, 31, 535-538.	9.0	15
29	Partial hydrogenation of dimethyl oxalate on Cu/SiO2 catalyst modified by sodium silicate. Catalysis Today, 2020, 358, 68-73.	4.4	20
30	Scaleâ€up production and process optimization of Zrâ€doped CaOâ€based sorbent for CO₂ capture. Asia-Pacific Journal of Chemical Engineering, 2020, 15, e2502.	1.5	6
31	Determining Roles of Cu 0 in the Chemosynthesis of Diols via Condensed Diester Hydrogenation on Cu/SiO 2 Catalyst. ChemCatChem, 2020, 12, 3849-3852.	3.7	3
32	Deactivation Mechanism of Cu/SiO₂ Catalysts in the Synthesis of Ethylene Glycol via Methyl Glycolate Hydrogenation. Industrial & Engineering Chemistry Research, 2020, 59, 12381-12388.	3.7	18
33	Improved Catalytic Performance in Dimethyl Ether Carbonylation over Hierarchical Mordenite by Enhancing Mass Transfer. Industrial & Engineering Chemistry Research, 2020, 59, 13861-13869.	3.7	18
34	Effects of extrinsic defects originating from the interfacial reaction of CeO2-x-nickel silicate on catalytic performance in methane dry reforming. Applied Catalysis B: Environmental, 2020, 277, 119278.	20.2	58
35	Roles of Cu+ and Cu0 sites in liquid-phase hydrogenation of esters on core-shell CuZnx@C catalysts. Applied Catalysis B: Environmental, 2020, 267, 118698.	20.2	68
36	Interface tuning of Cu+/Cu0 by zirconia for dimethyl oxalate hydrogenation to ethylene glycol over Cu/SiO2 catalyst. Journal of Energy Chemistry, 2020, 49, 248-256.	12.9	46

#	Article	IF	Citations
37	Mesoporous LaAl0.25Ni0.75O3 perovskite catalyst using SBA-15 as templating agent for methane dry reforming. Microporous and Mesoporous Materials, 2020, 303, 110278.	4.4	30
38	Supported heteropolyacids catalysts for the selective hydrocracking and isomerization of n-C16 to produce jet fuel. Applied Catalysis A: General, 2020, 598, 117556.	4.3	23
39	Insight into the nature of BrÃ¶nsted acidity of Pt-(WOx)n-H model catalysts in glycerol hydrogenolysis. Journal of Catalysis, 2020, 388, 154-163.	6.2	46
40	RuCl3 anchored onto post-synthetic modification MIL-101(Cr)-NH2 as heterogeneous catalyst for hydrogenation of CO2 to formic acid. Chinese Chemical Letters, 2019, 30, 398-402.	9.0	56
41	The synergistic effect between Ni sites and Ni-Fe alloy sites on hydrodeoxygenation of lignin-derived phenols. Applied Catalysis B: Environmental, 2019, 253, 348-358.	20.2	155
42	The Mn-promoted double-shelled CaCO3 hollow microspheres as high efficient CO2 adsorbents. Chemical Engineering Journal, 2019, 372, 53-64.	12.7	42
43	Carbonylation of dimethyl ether over MOR and Cu/H-MOR catalysts: Comparative investigation of deactivation behavior. Applied Catalysis A: General, 2019, 576, 1-10.	4.3	22
44	Preferential synthesis of ethanol from syngas via dimethyl oxalate hydrogenation over an integrated catalyst. Chemical Communications, 2019, 55, 5555-5558.	4.1	15
45	Ruthenium Complexes Immobilized on an Azolium Based Metal Organic Framework for Highly Efficient Conversion of CO₂ into Formic Acid. ChemCatChem, 2019, 11, 1256-1263.	3.7	45
46	Influence of water vapor on cyclic CO2 capture performance in both carbonation and decarbonation stages for Ca-Al mixed oxide. Chemical Engineering Journal, 2019, 359, 542-551.	12.7	23
47	Oxycarbonylation of methanol over modified CuY: Enhanced activity by improving accessibility of active sites. Chinese Chemical Letters, 2019, 30, 775-778.	9.0	7
48	Effect of Ti on Ag catalyst supported on spherical fibrous silica for partial hydrogenation of dimethyl oxalate. Applied Surface Science, 2019, 466, 592-600.	6.1	24
49	WOx domain size, acid properties and mechanistic aspects of glycerol hydrogenolysis over Pt/WOx/ZrO2. Applied Catalysis B: Environmental, 2019, 242, 410-421.	20.2	98
50	Silica supported potassium oxide catalyst for dehydration of 2-picolinamide to form 2-cyanopyridine. Chinese Chemical Letters, 2019, 30, 494-498.	9.0	10
51	Hydrogenation of diesters on copper catalyst anchored on ordered hierarchical porous silica: Pore size effect. Journal of Catalysis, 2018, 357, 223-237.	6.2	44
52	Facile one-pot synthesis of Ni@HSS as a novel yolk-shell structure catalyst for dry reforming of methane. Journal of CO2 Utilization, 2018, 24, 190-199.	6.8	69
53	CO2 sorbents derived from capsule-connected Ca-Al hydrotalcite-like via low-saturated coprecipitation. Fuel Processing Technology, 2018, 177, 210-218.	7.2	19
54	An Effective CuZnâ€“SiO₂ Bimetallic Catalyst Prepared by Hydrolysis Precipitation Method for the Hydrogenation of Methyl Acetate to Ethanol. Industrial & Engineering Chemistry Research, 2018, 57, 4526-4534.	3.7	57

#	Article	IF	Citations
55	Adsorption of CO₂ on MgAl-CO₃ LDHs-Derived Sorbents with 3D Nanoflower-like Structure. Energy & Fuels, 2018, 32, 5313-5320.	5.1	27
56	Effect of synergistic interaction between Ce and Mn on the CO2 capture of calcium-based sorbent: Textural properties, electron donation, and oxygen vacancy. Chemical Engineering Journal, 2018, 334, 237-246.	12.7	83
57	Role of microstructure, electron transfer, and coordination state in the CO2 capture of calcium-based sorbent by doping (Zr-Mn). Chemical Engineering Journal, 2018, 336, 376-385.	12.7	28
58	MOF-derived Cu@C Catalyst for the Liquid-phase Hydrogenation of Esters. Chemistry Letters, 2018, 47, 883-886.	1.3	11
59	Synergy between Cu and BrÃ¸nsted acid sites in carbonylation of dimethyl ether over Cu/H-MOR. Journal of Catalysis, 2018, 365, 440-449.	6.2	36
60	Effect of the addition of Ce and Zr over a flower-like NiO-MgO (111) solid solution for CO2 reforming of methane. Journal of CO2 Utilization, 2018, 26, 123-132.	6.8	31
61	Al-Stabilized Double-Shelled Hollow CaO-Based Microspheres with Superior CO₂ Adsorption Performance. Energy & Fuels, 2018, 32, 9692-9700.	5.1	20
62	An in situ infrared study of dimethyl carbonate synthesis from carbon dioxide and methanol over well-shaped CeO 2. Chinese Chemical Letters, 2017, 28, 65-69.	9.0	56
63	Hydrogenation of methyl acetate to ethanol by Cu/ZnO catalyst encapsulated in SBAâ€15. AICHE Journal, 2017, 63, 2839-2849.	3.6	46
64	Structure evolution of mesoporous silica supported copper catalyst for dimethyl oxalate hydrogenation. Applied Catalysis A: General, 2017, 539, 59-69.	4.3	73
65	Insight into the reaction mechanism of CO 2 activation for CH 4 reforming over NiO-MgO: A combination of DRIFTS and DFT study. Applied Surface Science, 2017, 416, 59-68.	6.1	79
66	Fabrication of multi-shelled hollow Mg-modified CaCO 3 microspheres and their improved CO 2 adsorption performance. Chemical Engineering Journal, 2017, 321, 401-411.	12.7	47
67	Ordered Mesoporous CuZn/HPS Catalysts for the Chemoselective Hydrogenation of Dimethyl Adipate to 1,6-Hexanediol. Chemistry Letters, 2017, 46, 1079-1082.	1.3	12
68	Effect of micro-structure and oxygen vacancy on the stability of (Zr-Ce)-additive CaO-based sorbent in CO 2 adsorption. Journal of CO2 Utilization, 2017, 19, 165-176.	6.8	60
69	Efficient tuning of surface copper species of Cu/SiO2 catalyst for hydrogenation of dimethyl oxalate to ethylene glycol. Chemical Engineering Journal, 2017, 313, 759-768.	12.7	104
70	The effect of metal properties on the reaction routes of glycerol hydrogenolysis over platinum and ruthenium catalysts. Catalysis Today, 2017, 298, 2-8.	4.4	33
71	Hydrodeoxygenation of furans over Pd-FeOx/SiO2 catalyst under atmospheric pressure. Applied Catalysis B: Environmental, 2017, 201, 266-277.	20.2	91
72	Modifying the acidity of H-MOR and its catalytic carbonylation of dimethyl ether. Chinese Journal of Catalysis, 2016, 37, 1530-1537.	14.0	64

#	Article	IF	Citations
73	Effect of thermal pretreatment on the surface structure of PtSn/SiO2 catalyst and its performance in acetic acid hydrogenation. Frontiers of Chemical Science and Engineering, 2016, 10, 417-424.	4.4	6
74	Hydrogenation of scCO₂ to Formic Acid Catalyzed by Heterogeneous Ruthenium(III)/Al₂O₃ Catalysts. Chemistry Letters, 2016, 45, 555-557.	1.3	11
75	Glycerol Hydrogenolysis to 1,3â€Propanediol on Tungstate/Zirconiaâ€Supported Platinum: Hydrogen Spillover Facilitated by Pt(1â€‰1â€‰1) Formation. ChemCatChem, 2016, 8, 3663-3671.	3.7	44
76	Enhancement of Dimethyl Carbonate Synthesis with In Situ Hydrolysis of 2,2â€Dimethoxy Propane. Chemical Engineering and Technology, 2016, 39, 723-729.	1.5	15
77	A well fabricated PtSn/SiO₂ catalyst with enhanced synergy between Pt and Sn for acetic acid hydrogenation to ethanol. RSC Advances, 2016, 6, 51005-51013.	3.6	29
78	Incorporation of Zr into Calcium Oxide for CO₂ Capture by a Simple and Facile Solâ€“Gel Method. Industrial & Engineering Chemistry Research, 2016, 55, 7873-7879.	3.7	49
79	Three dimensional Ag/KCC-1 catalyst with a hierarchical fibrous framework for the hydrogenation of dimethyl oxalate. RSC Advances, 2016, 6, 12788-12791.	3.6	49
80	Infrared spectra of methanol desorption in a He stream and under vacuum on CeO2 and ZrO2 catalyst surfaces. RSC Advances, 2016, 6, 19792-19793.	3.6	2
81	Ni-containing Cu/SiO2 catalyst for the chemoselective synthesis of ethanol via hydrogenation of dimethyl oxalate. Catalysis Today, 2016, 276, 28-35.	4.4	46
82	Kinetics Study of Hydrogenation of Dimethyl Oxalate over Cu/SiO₂ Catalyst. Industrial & Engineering Chemistry Research, 2015, 54, 1243-1250.	3.7	72
83	Enhanced CuCl dispersion by regulating acidity of MCM-41 for catalytic oxycarbonylation of ethanol to diethyl carbonate. Frontiers of Chemical Science and Engineering, 2015, 9, 224-231.	4.4	7
84	Recent advances in dialkyl carbonates synthesis and applications. Chemical Society Reviews, 2015, 44, 3079-3116.	38.1	262
85	Elucidating the nature and role of Cu species in enhanced catalytic carbonylation of dimethyl ether over Cu/H-MOR. Catalysis Science and Technology, 2015, 5, 4378-4389.	4.1	72
86	Effect of Cerium Oxide Doping on the Performance of CaO-Based Sorbents during Calcium Looping Cycles. Environmental Science & Technology, 2015, 49, 5021-5027.	10.0	120
87	Enhancements of dimethyl carbonate synthesis from methanol and carbon dioxide: The in situ hydrolysis of 2-cyanopyridine and crystal face effect of ceria. Chinese Chemical Letters, 2015, 26, 1096-1100.	9.0	42
88	Insight into the Balancing Effect of Active Cu Species for Hydrogenation of Carbonâ€“Oxygen Bonds. ACS Catalysis, 2015, 5, 6200-6208.	11.2	203
89	Propane Dehydrogenation over Pt/TiO₂â€“Al₂O₃ Catalysts. ACS Catalysis, 2015, 5, 438-447.	11.2	243
90	CaO-based meshed hollow spheres for CO 2 capture. Chemical Engineering Science, 2015, 135, 532-539.	3.8	31

#	Article	IF	Citations
91	Ti incorporation in MCM-41 mesoporous molecular sieves using hydrothermal synthesis. Frontiers of Chemical Science and Engineering, 2014, 8, 95-103.	4.4	6
92	Insight into the Tunable CuY Catalyst for Diethyl Carbonate by Oxycarbonylation: Preparation Methods and Precursors. Industrial & Engineering Chemistry Research, 2014, 53, 5838-5845.	3.7	25
93	Controllable synthesis of nanotube-type graphitic C3N4 and their visible-light photocatalytic and fluorescent properties. Journal of Materials Chemistry A, 2014, 2, 2885.	10.3	265
94	Porous Spherical CaO-based Sorbents via PSS-Assisted Fast Precipitation for CO₂ Capture. ACS Applied Materials & Interfaces, 2014, 6, 18072-18077.	8.0	37
95	Reduced Graphene Oxide (rGO)/BiVO₄ Composites with Maximized Interfacial Coupling for Visible Lght Photocatalysis. ACS Sustainable Chemistry and Engineering, 2014, 2, 2253-2258.	6.7	159
96	Photocatalysts: Monoclinic Porous BiVO4Networks Decorated by Discrete g-C3N4Nano-Islands with Tunable Coverage for Highly Efficient Photocatalysis (Small 14/2014). Small, 2014, 10, 2782-2782.	10.0	7
97	Dimethyl carbonate synthesis from carbon dioxide and methanol over CeO₂versus over ZrO₂: comparison of mechanisms. RSC Advances, 2014, 4, 30968-30975.	3.6	61
98	Carbonation Condition and Modeling Studies of Calcium-Based Sorbent in the Fixed-Bed Reactor. Industrial & Engineering Chemistry Research, 2014, 53, 10457-10464.	3.7	11
99	Catalytic Oxidative Carbonylation over Cu₂O Nanoclusters Supported on Carbon Materials: The Role of the Carbon Support. ChemCatChem, 2014, 6, 2671-2679.	3.7	39
100	Synthesis of Dimethyl Carbonate through Vaporâ€Phase Carbonylation Catalyzed by Pdâ€Doped Zeolites: Interaction of Lewis Acidic Sites and Pd Species. ChemCatChem, 2013, 5, 2174-2177.	3.7	28
101	Ordered mesoporous carbons supported wackerâ€type catalyst for catalytic oxidative carbonylation. AICHE Journal, 2013, 59, 3797-3805.	3.6	15
102	Enhanced CO₂ adsorption capacity and stability using CaOâ€based adsorbents treated by hydration. AICHE Journal, 2013, 59, 3586-3593.	3.6	52
103	Morphology control of ceria nanocrystals for catalytic conversion of CO2 with methanol. Nanoscale, 2013, 5, 5582.	5.6	237
104	Chemoselective synthesis of ethanol via hydrogenation of dimethyl oxalate on Cu/SiO 2 : Enhanced stability with boron dopant. Journal of Catalysis, 2013, 297, 142-150.	6.2	200
105	Hydrogenation of dimethyl oxalate to ethylene glycol over mesoporous <scp><scp>Cu</scp></scp>â€<scp>MCM</scp>â€41 catalysts. AICHE Journal, 2013, 59, 2530-2539.	3.6	85
106	Modification of Y Zeolite with Alkaline Treatment: Textural Properties and Catalytic Activity for Diethyl Carbonate Synthesis. Industrial & Engineering Chemistry Research, 2013, 52, 6349-6356.	3.7	44
107	Photocatalysis: Selective Deposition of Ag₃PO₄ on Monoclinic BiVO₄(040) for Highly Efficient Photocatalysis (Small 23/2013). Small, 2013, 9, 3950-3950.	10.0	15
108	Influence of crystalline phase of Li-Al-O oxides on the activity of Wacker-type catalysts in dimethyl carbonate synthesis. Frontiers of Chemical Science and Engineering, 2012, 6, 415-422.	4.4	22

#	Article	IF	Citations
109	Hydrogenation of Dimethyl Oxalate Using Extruded Cu/SiO₂ Catalysts: Mechanical Strength and Catalytic Performance. Industrial & Engineering Chemistry Research, 2012, 51, 13935-13943.	3.7	39
110	DFT and DRIFTS studies of the oxidative carbonylation of methanol over Î³-Cu2Cl(OH)3: the influence of Cl. RSC Advances, 2012, 2, 8752.	3.6	7
111	Effect of Sulfate Modification on Structure Properties, Surface Acidity, and Transesterification Catalytic Performance of Titanium-Submitted Mesoporous Molecular Sieve. Industrial & Engineering Chemistry Research, 2012, 51, 5737-5742.	3.7	8
112	Reaction mechanism of dimethyl carbonate synthesis on Cu/Î² zeolites: DFT and AIM investigations. RSC Advances, 2012, 2, 7109.	3.6	23
113	Synthesis of Ethanol via Syngas on Cu/SiO₂ Catalysts with Balanced Cu⁰â€“Cu⁺ Sites. Journal of the American Chemical Society, 2012, 134, 13922-13925.	13.7	614
114	Pd-Fe/Î±-Al2O3/cordierite monolithic catalysts for the synthesis of dimethyl oxalate: effects of calcination and structure. Frontiers of Chemical Science and Engineering, 2012, 6, 259-269.	4.4	12
115	Sorption enhanced steam reforming of ethanol on Niâ€“CaOâ€“Al2O3 multifunctional catalysts derived from hydrotalcite-like compounds. Energy and Environmental Science, 2012, 5, 8942.	30.8	168
116	Hydrogenation of dimethyl oxalate to ethylene glycol on a Cu/SiO₂/cordierite monolithic catalyst: Enhanced internal mass transfer and stability. AICHE Journal, 2012, 58, 2798-2809.	3.6	125
117	Cu-doped zeolites for catalytic oxidative carbonylation: The role of BrÃ¸nsted acids. Applied Catalysis A: General, 2012, 417-418, 236-242.	4.3	37
118	Microwave synthesis, characterization and transesterification activities of Ti-MCM-41. Microporous and Mesoporous Materials, 2012, 156, 22-28.	4.4	33
119	Enhanced oxygen mobility and reactivity for ethanol steam reforming. AICHE Journal, 2012, 58, 516-525.	3.6	70
120	Recent advances in catalytic hydrogenation of carbon dioxide. Chemical Society Reviews, 2011, 40, 3703.	38.1	2,713
121	Recent advances in capture of carbon dioxide using alkali-metal-based oxides. Energy and Environmental Science, 2011, 4, 3805.	30.8	318
122	Tuning Porosity of Ti-MCM-41: Implication for Shape Selective Catalysis. ACS Applied Materials & Interfaces, 2011, 3, 2154-2160.	8.0	29
123	Microwave preparation of Ti-containing mesoporous materials. Application as catalysts for transesterification. Chemical Engineering Journal, 2011, 166, 744-750.	12.7	23
124	Hydrogenation of CO2 to formic acid on supported ruthenium catalysts. Catalysis Today, 2011, 160, 184-190.	4.4	150
125	A Pdâ€“Fe/Î±-Al2O3/cordierite monolithic catalyst for CO coupling to oxalate. Chemical Engineering Science, 2011, 66, 3513-3522.	3.8	52
126	Gas phase decarbonylation of diethyl oxalate to diethyl carbonate over alkali-containing catalyst. Journal of Molecular Catalysis A, 2009, 306, 130-135.	4.8	23

#	Article	IF	Citations
127	Dispersion and catalytic activity of MoO₃on TiO₂â€SiO₂binary oxide support. AIChE Journal, 2008, 54, 741-749.	3.6	7
128	Transesterification of dimethyl oxalate with phenol over TiO₂/SiO₂: Catalyst screening and reaction optimization. AIChE Journal, 2008, 54, 3260-3272.	3.6	10
129	A new type of catalyst PdCl2/Cu-HMS for synthesis of diethyl carbonate by oxidative carbonylation of ethanol. Catalysis Communications, 2007, 8, 21-26.	3.3	24
130	Investigations of Catalytic Activity, Deactivation, and Regeneration of Pb(OAc)2for Methoxycarbonylation of 2,4-Toluene Diamine with Dimethyl Carbonate. Industrial & Engineering Chemistry Research, 2007, 46, 6858-6864.	3.7	20
131	Phosgene-free approaches to catalytic synthesis of diphenyl carbonate and its intermediates. Applied Catalysis A: General, 2007, 316, 1-21.	4.3	123
132	The nature of surface acidity and reactivity of MoO3/SiO2 and MoO3/TiO2â€“SiO2 for transesterification of dimethyl oxalate with phenol: A comparative investigation. Applied Catalysis B: Environmental, 2007, 77, 125-134.	20.2	56
133	Effect of crystal structure of copper species on the rate and selectivity in oxidative carbonylation of ethanol for diethyl carbonate synthesis. Journal of Molecular Catalysis A, 2005, 227, 141-146.	4.8	44
134	Comparative preparation of MoO3/SiO2 catalysts using conventional and slurry impregnation method and activity in transesterification of dimethy oxalate with phenol. Catalysis Letters, 2005, 99, 187-191.	2.6	8
135	Effect of Mo loading on transesterification activities of MoO<Subscript>3</Subscript>/g-Al<Subscript>2</Subscript>O<Subscript>3</Subscript> catalysts prepared by conventional and slurry impregnation methods. Reaction Kinetics and Catalysis Letters, 2005, 84, 79-86.	0.6	2
136	Effect of Mo loading on transesterification activities of MoO3/Î³-Al2O3 catalysts prepared by conventional and slurry impregnation methods. Reaction Kinetics and Catalysis Letters, 2005, 84, 79-86.	0.6	2
137	Effect of Mo content in MoO3/g-Al2O3on the catalytic activity for transesterification of dimethyl oxalate with phenol. Reaction Kinetics and Catalysis Letters, 2004, 83, 113-120.	0.6	7
138	Characterization and catalytic activity of TiO2/SiO2 for transesterification of dimethyl oxalate with phenol. Journal of Molecular Catalysis A, 2004, 214, 273-279.	4.8	33
139	Transesterification of dimethyl oxalate with phenol over TS-1 catalyst. Fuel Processing Technology, 2003, 83, 275-286.	7.2	28
140	Adsorption of CO₂on Mixed Oxides Derived from Caâ€“Alâ€“ClO₄-Layered Double Hydroxide. Energy & Fuels, 0, , .	5.1	2
141	Catalytic oxidative dehydrogenation of ethane using carbon dioxide as a soft oxidant over Coâ€HMS catalysts toÂethylene. Asia-Pacific Journal of Chemical Engineering, 0, , .	1.5	3
142	Roles of N on the N-doped Ru/AC catalyst in the hydrogenation of phthalate esters. Research on Chemical Intermediates, 0, , .	2.7	2