Jie Chang

List of Publications by Year
in descending order

23 papers	1,603 citations	394421 19 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	1822 citing authors

#	Article	IF	Citations
1	Hydrogenation of Furfural as Model Reaction of Bio-Oil Stabilization under Mild Conditions Using Multiwalled Carbon Nanotube (MWNT)-Supported Pt Catalysts. Industrial & Engineering Chemistry Research, 2014, 53, 11284-11291.	3.7	38
2	Hydrodeoxygenation of Guaiacol over Carbonâ€Supported Metal Catalysts. ChemCatChem, 2013, 5, 3041-3049.	3.7	165
3	Toward the decoration of Pt nanoparticles supported on carbon nanotubes with Fe oxides and its effect on the catalytic reaction. Applied Catalysis A: General, 2012, 435-436, 131-140.	4.3	29
4	Liquid phase aerobic oxidation of benzyl alcohol over Pd and Rh catalysts on N-doped mesoporous carbon: Effect of the surface acido-basicity. Catalysis Communications, 2012, 25, 96-101.	3.3	38
5	Morphology and composition controllable synthesis of Mgâ€“Alâ€“CO3 hydrotalcites by tuning the synthesis pH and the CO2 capture capacity. Applied Clay Science, 2012, 55, 18-26.	5.2	190
6	Ethanol dehydration activity on hydrothermally stable LaPxOy catalysts synthesized using CTAB template. Journal of Porous Materials, 2012, 19, 423-431.	2.6	13
7	Effect of boron promotion on the stability of cobalt Fischerâ€“Tropsch catalysts. Journal of Catalysis, 2011, 280, 50-59.	6.2	65
8	High temperature adsorption of CO2 on Mgâ€“Al hydrotalcite: Effect of the charge compensating anions and the synthesis pH. Catalysis Today, 2011, 164, 198-203.	4.4	143
9	Carbon deposition on Co catalysts during Fischerâ€“Tropsch synthesis: A computational and experimental study. Journal of Catalysis, 2010, 274, 121-129.	6.2	99
10	The Effect of Trivalent Cations on the Performance of Mgâ€Mâ€CO₃ Layered Double Hydroxides for Highâ€Temperature CO₂ Capture. ChemSusChem, 2010, 3, 965-973.	6.8	139
11	Improving the Stability of Cobalt Fischerâ€“Tropsch Catalysts by Boron Promotion. Industrial & Engineering Chemistry Research, 2010, 49, 11098-11100.	3.7	36
12	Synthesis, Characterization, and Catalytic Activity of Phosphorus Modified H-ZSM-5 Catalysts in Selective Ethanol Dehydration. Industrial & Engineering Chemistry Research, 2010, 49, 4080-4090.	3.7	88
13	Kinetic Model of Product Distribution over Fe Catalyst for Fischerâ€“Tropsch Synthesis^{â€}. Energy & Fuels, 2009, 23, 4740-4747.	5.1	31
14	Effect of reduction temperature on a spray-dried iron-based catalyst for slurry Fischerâ€“Tropsch synthesis. Journal of Molecular Catalysis A, 2007, 261, 104-111.	4.8	23
15	A Corrected Comprehensive Kinetic Model of Fischerâ€“Tropsch Synthesis. Chinese Journal of Catalysis, 2007, 28, 687-695.	14.0	16
16	Kinetic modeling of Fischerâ€“Tropsch synthesis overFeâ€“Cuâ€“Kâ€“SiO2catalyst in slurry phase reactor. Chemical Engineering Science, 2007, 62, 4983-4991.	3.8	77
17	Effect of reaction conditions on the catalytic performance of Fe-Mn catalyst for Fischer-Tropsch synthesis. Journal of Molecular Catalysis A, 2007, 272, 182-190.	4.8	83
18	A comprehensive kinetics model of Fischerâ€“Tropsch synthesis over an industrial Feâ€“Mn catalyst. Applied Catalysis A: General, 2006, 301, 39-50.	4.3	90

#	Article	IF	Citations
19	Isothermal Kinetics Modelling of the Fischer-Tropsch Synthesis over the Spray-Dried Fe-Cu-K Catalyst. Journal of Natural Gas Chemistry, 2006, 15, 105-114.	1.8	16
20	Water gas shift reaction kinetics in Fischer?Tropsch synthesis over an industrial Fe?Mn catalyst. Fuel, 2005, 84, 917-926.	6.4	44
21	Oxygenate kinetics in Fischer?Tropsch synthesis over an industrial Fe?Mn catalyst. Fuel, 2005, 84, 791-800.	6.4	26
22	New Insight for Reaction Route of Hydrogenation of Maleic Anhydride to Î³-Butyrolactone. Catalysis Letters, 2004, 96, 123-127.	2.6	15
23	Detailed Kinetics of Fischerâ˜Tropsch Synthesis on an Industrial Feâ˜Mn Catalyst. Industrial & Engineering Chemistry Research, 2003, 42, 5066-5090.	3.7	139