

# Jianyi Shen

## List of Publications by Year in descending order

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133  
papers

3,741  
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117571

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#	ARTICLE	IF	CITATIONS
1	Ionic Liquid-Assisted Synthesis of Vanadium Phosphate Catalysts from Phosphorous Acid for Selective Oxidation Reactions. <i>Catalysis Letters</i> , 2021, 151, 2366.	1.4	1
2	Microcalorimetric adsorption and infrared spectroscopic studies of supported Pd, Ru and Pd@Ru catalysts for the hydrogenation of aromatic rings with carboxyl groups. <i>Catalysis Science and Technology</i> , 2021, 11, 3070-3083.	2.1	12
3	Understanding the effects of solvents on the hydrogenation of toluene over supported Pd and Ru catalysts. <i>Catalysis Communications</i> , 2021, 157, 106330.	1.6	14
4	Tuning the sorption ability of hydroxyapatite/carbon composites for the simultaneous remediation of wastewaters containing organic-inorganic pollutants. <i>Journal of Hazardous Materials</i> , 2021, 420, 126656.	6.5	15
5	Effects of surface functional groups of the N-containing carbon support on the catalytic properties of supported palladium. <i>Microporous and Mesoporous Materials</i> , 2021, 327, 111400.	2.2	3
6	Preparation of high surface area mesoporous melamine formaldehyde resins. <i>Microporous and Mesoporous Materials</i> , 2020, 309, 110591.	2.2	10
7	Hydrodeoxygenation of Guaiacol Catalyzed by ZrO <sub>2</sub> @CeO <sub>2</sub> -Supported Nickel Catalysts with High Loading. <i>Energy &amp; Fuels</i> , 2020, 34, 4685-4692.	2.5	21
8	High-Loading Nickel Phosphide Catalysts Supported on SiO <sub>2</sub> @TiO <sub>2</sub> for Hydrodeoxygenation of Guaiacol. <i>Energy &amp; Fuels</i> , 2019, 33, 7696-7704.	2.5	28
9	Highly Loaded and Dispersed Cobalt Catalysts for the Hydrogenation of Toluene with Triethylamine. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 19456-19464.	1.8	6
10	Effects of acetone on the hydrogenation of diisopropylimine over supported nickel catalysts. <i>Catalysis Communications</i> , 2019, 122, 24-27.	1.6	7
11	Selective Synthesis of Bisphenol F from Phenol and PODE <sub>2</sub> over an Acidic Resin@Carbon Composite Material. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 9223-9230.	1.8	1
12	Synthesis of nickel phosphide nanorods for hydrotreating reactions. <i>Catalysis Communications</i> , 2019, 124, 67-70.	1.6	4
13	Hydrodeoxygenation of Guaiacol Catalyzed by High-Loading Ni Catalysts Supported on SiO <sub>2</sub> @TiO <sub>2</sub> Binary Oxides. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 1513-1524.	1.8	55
14	Preparation of Fe <sub>2</sub> P/Al <sub>2</sub> O <sub>3</sub> and FeP/Al <sub>2</sub> O <sub>3</sub> catalysts for the hydrotreating reactions. <i>Journal of Energy Chemistry</i> , 2019, 29, 116-121.	7.1	8
15	Effect of surface acidity/basicity on the selective hydrogenation of maleic anhydride to succinic anhydride over supported nickel catalysts. <i>Catalysis Communications</i> , 2018, 110, 93-96.	1.6	19
16	Microcalorimetric adsorption and infrared spectroscopic studies of supported nickel catalysts for the hydrogenation of diisopropylimine to diisopropylamine. <i>Journal of Catalysis</i> , 2018, 362, 35-45.	3.1	17
17	Effect of Ethylamines on the Hydrogenation of Toluene over Supported Nickel Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, , .	1.8	1
18	Hydrogenation of Diisopropylimine over Mesoporous Carbon Supported Metal Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 13275-13282.	1.8	4

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19	On the nature of spillover hydrogen species on platinum/nitrogen-doped mesoporous carbon composites: A temperature-programmed nitrobenzene desorption study. <i>Journal of Catalysis</i> , 2018, 365, 55-62.	3.1	35
20	Decomposition of polyoxymethylene dimethyl ethers and synthesis of bisphenol F. <i>Catalysis Today</i> , 2017, 298, 263-268.	2.2	13
21	Amination of isopropanol to isopropylamine over a highly basic and active Ni/LaAlSiO catalyst. <i>Journal of Catalysis</i> , 2017, 350, 141-148.	3.1	42
22	Preparation of Fe <sub>2</sub> P and FeP catalysts for the hydrotreating reactions. <i>Catalysis Communications</i> , 2017, 100, 202-205.	1.6	13
23	Hydrodeoxygenation of Guaiacol on Ru Catalysts: Influence of TiO <sub>2</sub> and ZrO <sub>2</sub> Composite Oxide Supports. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 12070-12079.	1.8	56
24	Preparation of NiAlO <sub>x</sub> and NiSiO <sub>x</sub> Complex Oxides with High Surface Areas for the Isomerization Reactions of 1-Hexene. <i>Catalysis Letters</i> , 2016, 146, 1934-1942.	1.4	6
25	Formation and self-assembly of 3D nanofibrous networks based on oppositely charged jets. <i>Materials and Design</i> , 2016, 97, 126-130.	3.3	34
26	Optimization of MgO/Al <sub>2</sub> O <sub>3</sub> ratio for the maximization of active site densities in the Ni <sub>2</sub> P/MgAlO catalysts for the hydrotreating reactions. <i>Journal of Energy Chemistry</i> , 2016, 25, 571-576.	7.1	4
27	Preparation of hydrothermally stable, basic, and highly active nano nickel catalysts for the hydrodeoxygenation of N,N-dimethylformamide. <i>Journal of Catalysis</i> , 2016, 338, 1-11.	3.1	22
28	Preparation of highly active and hydrothermally stable nickel catalysts. <i>Journal of Colloid and Interface Science</i> , 2015, 447, 68-76.	5.0	19
29	Highly Efficient Photocatalysts for Surface Hybridization of TiO <sub>2</sub> Nanofibers with Carbon Films. <i>ChemPlusChem</i> , 2015, 80, 827-831.	1.3	5
30	Hydrogenation induced deviation of temperature and concentration dependences of polymer-solvent interactions in poly(vinyl chloride) and a new eco-friendly plasticizer. <i>European Physical Journal Plus</i> , 2015, 130, 1.	1.2	2
31	Effects of water on the hydrogenation of acetone over Ni/MgAlO catalysts. <i>Chinese Journal of Catalysis</i> , 2015, 36, 380-388.	6.9	25
32	Effect of supports on the supported Ni <sub>2</sub> P catalysts prepared by the phosphidation using triphenylphosphine in liquid phase. <i>Chemical Engineering Journal</i> , 2015, 275, 89-101.	6.6	18
33	Influence of N addition in mesoporous carbons used as supports of Pt, Pd and Ru for toluene hydrogenation and iron oxide for benzene oxidation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2015, 115, 263-282.	0.8	10
34	Effect of ZrO <sub>2</sub> in Ni <sub>2</sub> P/ZrO <sub>2</sub> and Al <sub>2</sub> O <sub>3</sub> catalysts on hydrotreating reactions. <i>RSC Advances</i> , 2015, 5, 74312-74319.	1.7	7
35	Effect of loading on the Ni <sub>2</sub> P/Al <sub>2</sub> O <sub>3</sub> catalysts for the hydrotreating reactions. <i>Journal of Energy Chemistry</i> , 2015, 24, 441-447.	7.1	4
36	Synthesis of high-surface-area Co-O-Si complex oxide for skeletal isomerization of 1-hexene and hydrodesulfurization of thiophene. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1402-1409.	6.9	6

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37	Study of Phenol and Nicotine Adsorption on Nitrogen-Modified Mesoporous Carbons. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	17
38	Sulfonated carbon materials with hydrophilic and lipophilic properties. <i>Journal of Energy Chemistry</i> , 2014, 23, 156-163.	7.1	8
39	The strong interaction between poly(vinyl chloride) and a new eco-friendly plasticizer: A combined experiment and calculation study. <i>Polymer</i> , 2014, 55, 2831-2840.	1.8	13
40	Highly active Ni <sub>2</sub> P/SiO <sub>2</sub> catalysts phosphorized by triphenylphosphine in liquid phase for the hydrotreating reactions. <i>Applied Catalysis B: Environmental</i> , 2014, 160-161, 344-355.	10.8	17
41	Effect of acidic promoters on the titania-nanotubes supported V <sub>2</sub> O <sub>5</sub> catalysts for the selective oxidation of methanol to dimethoxymethane. <i>Chinese Journal of Catalysis</i> , 2013, 34, 2110-2117.	6.9	12
42	Mechanism of chain propagation for the synthesis of polyoxymethylene dimethyl ethers. <i>Journal of Energy Chemistry</i> , 2013, 22, 833-836.	7.1	78
43	Microcalorimetric adsorption and infrared spectroscopic studies of KNi/MgAlO catalysts for the hydrogenation of acetonitrile. <i>Journal of Catalysis</i> , 2013, 298, 161-169.	3.1	28
44	Effect of Surface Acidic and Basic Properties of the Supported Nickel Catalysts on the Hydrogenation of Pyridine to Piperidine. <i>Journal of Physical Chemistry C</i> , 2013, 117, 10573-10580.	1.5	59
45	Morphology control of nanohelix by electrospinning. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	13
46	The effect of surface acidic and basic properties of highly loaded Co catalysts on the Fischer-Tropsch synthesis. <i>Catalysis Communications</i> , 2012, 28, 155-158.	1.6	12
47	Effect of Resorcinol Formaldehyde Resin Gel on the Preparation of Co/SiO <sub>2</sub> Catalysts for Fischer-Tropsch Synthesis. <i>Chinese Journal of Catalysis</i> , 2012, 33, 621-628.	6.9	7
48	The effect of surface acidic and basic properties on the hydrogenation of laurionitrile over the supported nickel catalysts. <i>Chemical Engineering Journal</i> , 2012, 181-182, 677-684.	6.6	32
49	The effects of promoters of K and Zr on the mesoporous carbon supported cobalt catalysts for Fischer-Tropsch synthesis. <i>Journal of Colloid and Interface Science</i> , 2012, 368, 456-461.	5.0	22
50	Mesoporous Carbon Supported Pd Catalysts for the Hydrogenation of $\hat{1}^2$ -Sitosterol to $\hat{1}^2$ -Sitostanol. <i>Chinese Journal of Catalysis</i> , 2011, 32, 1771-1781.	6.9	3
51	Preparation of highly loaded and dispersed Ni/SiO <sub>2</sub> catalysts. <i>Catalysis Communications</i> , 2011, 12, 332-336.	1.6	29
52	Preparation of Highly Loaded and Active Ni/Al <sub>2</sub> O <sub>3</sub> Catalysts for the Hydrogenation of Aromatic Rings. <i>Chinese Journal of Catalysis</i> , 2011, 32, 917-925.	6.9	25
53	Microcalorimetric adsorption studies of highly loaded Co-ZrO <sub>2</sub> /SiO <sub>2</sub> catalysts for Fischer-Tropsch synthesis. <i>Journal of Catalysis</i> , 2011, 279, 246-256.	3.1	18
54	Nitrogen-containing mesoporous carbons prepared from melamine formaldehyde resins with CaCl <sub>2</sub> as a template. <i>Journal of Colloid and Interface Science</i> , 2011, 363, 193-198.	5.0	51

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55	Hydrogenation of dioctyl phthalate over supported Ni catalysts. <i>Catalysis Communications</i> , 2011, 16, 30-34.	1.6	32
56	Synthesis of nickel phosphide nano-particles in a eutectic mixture for hydrotreating reactions. <i>Journal of Materials Chemistry</i> , 2011, 21, 8137.	6.7	70
57	Helical Nanoribbons Fabricated by Electrospinning. <i>Macromolecular Materials and Engineering</i> , 2011, 296, 1071-1074.	1.7	22
58	High Electron Transfer Efficiency of Titania Dioxide Nanotube for Low Potential Electrochemiluminescent Biosensing. <i>Electroanalysis</i> , 2011, 23, 2629-2632.	1.5	12
59	A highly loaded and dispersed Ni <sub>2</sub> P/SiO <sub>2</sub> catalyst for the hydrotreating reactions. <i>Applied Catalysis B: Environmental</i> , 2011, 104, 229-233.	10.8	29
60	Preparation of Acidic Resin-Carbon Composite Material through the Sulfonation and Carbonization of Polyphenyl. <i>Chinese Journal of Catalysis</i> , 2011, 32, 688-692.	6.9	2
61	Preparation and characterization of thermally stable high surface area mesoporous vanadium oxides. <i>Microporous and Mesoporous Materials</i> , 2010, 131, 37-44.	2.2	17
62	Dispersion of Nano Nickel Particles over SBA-15 Modified by Carbon Films on Pore Walls. <i>Catalysis Letters</i> , 2010, 134, 93-101.	1.4	11
63	Surface Properties of Ni/MgO Catalysts for the Hydrogenation of Lauronitrile. <i>Catalysis Letters</i> , 2010, 135, 246-255.	1.4	22
64	Nature of surface sites of V <sub>2</sub> O <sub>5</sub> /TiO <sub>2</sub> /SO <sub>4</sub> <sup>2-</sup> catalysts and reactivity in selective oxidation of methanol to dimethoxymethane. <i>Journal of Catalysis</i> , 2010, 272, 176-189.	3.1	107
65	Fabrication of Microropes via Electrospinning with a Rotating Needle Collector. <i>Macromolecular Rapid Communications</i> , 2010, 31, 2151-2154.	2.0	26
66	Influence of the host oxide of sulfated-titania catalysts on partial oxidation methanol reaction. <i>Applied Catalysis A: General</i> , 2010, 385, 224-231.	2.2	9
67	Dispersion of iron nano-particles on expanded graphite for the shielding of electromagnetic radiation. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 3084-3087.	1.0	12
68	Preparation and characterization of V-Ag-O catalysts for the selective oxidation of toluene. <i>Applied Catalysis A: General</i> , 2010, 379, 7-14.	2.2	22
69	The effect of surface acidic and basic properties on the hydrogenation of aromatic rings over the supported nickel catalysts. <i>Chemical Engineering Journal</i> , 2010, 162, 371-379.	6.6	74
70	Mesoporous Carbon Supported Co-Mo and Ni-Mo Catalysts for Hydrodesulfurization. <i>Chinese Journal of Catalysis</i> , 2010, 31, 961-964.	6.9	7
71	Preparation of a novel sulfonated carbon catalyst for the etherification of isopentene with methanol to produce tert-amyl methyl ether. <i>Catalysis Communications</i> , 2010, 11, 824-828.	1.6	30
72	Surface Acidic and Redox Properties of V-Ag-O/TiO <sub>2</sub> Catalysts for the Selective Oxidation of Toluene to Benzaldehyde. <i>Catalysis Letters</i> , 2009, 128, 373-378.	1.4	19

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73	Characterization and Catalytic Activities of Al <sub>2</sub> O <sub>3</sub> -Promoted Sulfated Tin Oxides. <i>Catalysis Letters</i> , 2009, 133, 119-124.	1.4	12
74	Photocatalytic degradation of dodecyl-benzenesulfonate over TiO <sub>2</sub> @Cu <sub>2</sub> O under visible irradiation. <i>Journal of Hazardous Materials</i> , 2009, 168, 215-219.	6.5	73
75	Hydroisomerization of model FCC naphtha over sulfided Co(Ni)@Mo(W)/MCM-41 catalysts. <i>Microporous and Mesoporous Materials</i> , 2009, 120, 339-345.	2.2	27
76	Preparation and characterization of mesoporous VO <sub>x</sub> @TiO <sub>2</sub> complex oxides for the selective oxidation of methanol to dimethoxymethane. <i>Journal of Colloid and Interface Science</i> , 2009, 335, 216-221.	5.0	37
77	New synthesis method for nickel phosphide nanoparticles: solid phase reaction of nickel cations with hypophosphites. <i>Journal of Materials Chemistry</i> , 2009, 19, 2295.	6.7	68
78	Skeletal Isomerization of 1-Hexene over Sulfided Co/Co-MCM-41 Catalysts. <i>Energy &amp; Fuels</i> , 2009, 23, 320-326.	2.5	12
79	Mesoporous carbon materials prepared from carbohydrates with a metal chloride template. <i>Journal of Materials Chemistry</i> , 2009, 19, 7759.	6.7	49
80	Mesoporous carbon supported nickel phosphide catalysts prepared by solid phase reaction. <i>Catalysis Communications</i> , 2009, 10, 1693-1696.	1.6	24
81	Effect of silica on the selective oxidation of methanol to dimethoxymethane over vanadia@titania catalysts. <i>Catalysis Communications</i> , 2009, 11, 47-50.	1.6	17
82	Preparation of Mesoporous V@Ce@Ti@O for the Selective Oxidation of Methanol to Dimethoxymethane. <i>Catalysis Letters</i> , 2008, 126, 155-163.	1.4	11
83	Structural, acidic and redox properties of V <sub>2</sub> O <sub>5</sub> -TiO <sub>2</sub> -SO <sub>4</sub> catalysts. <i>Applied Catalysis A: General</i> , 2008, 334, 26-34.	2.2	72
84	TiO <sub>2</sub> nanotubes supported V <sub>2</sub> O <sub>5</sub> for the selective oxidation of methanol to dimethoxymethane. <i>Microporous and Mesoporous Materials</i> , 2008, 116, 614-621.	2.2	47
85	High surface area carbons as acidic components with Cu@ZnO/Al <sub>2</sub> O <sub>3</sub> for the reforming of dimethoxymethane. <i>Catalysis Communications</i> , 2008, 9, 801-806.	1.6	12
86	Effect of Solvents on the Hydrogenation and Isomerization of 1-Hexene over Sulfided Co@Mo/Al <sub>2</sub> O <sub>3</sub> Catalysts for Hydrodesulfurization. <i>Energy &amp; Fuels</i> , 2008, 22, 2450-2454.	2.5	10
87	Selective oxidation of methanol to dimethoxymethane under mild conditions over V <sub>2</sub> O <sub>5</sub> /TiO <sub>2</sub> with enhanced surface acidity. <i>Chemical Communications</i> , 2007, , 2172.	2.2	77
88	Dispersion of magnetic metals on expanded graphite for the shielding of electromagnetic radiations. <i>Applied Physics Letters</i> , 2007, 90, 133117.	1.5	17
89	Tribological and mechanical properties of carbon-nanofiber-filled polytetrafluoroethylene composites. <i>Journal of Applied Polymer Science</i> , 2007, 104, 2430-2437.	1.3	38
90	Structural, acidic and redox properties of V <sub>2</sub> O <sub>5</sub> /NbP catalysts. <i>Applied Catalysis A: General</i> , 2007, 327, 218-225.	2.2	11

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91	Surface acidic and redox properties of V-Ag-Ni-O catalysts for the selective oxidation of toluene to benzaldehyde. <i>Applied Catalysis A: General</i> , 2007, 330, 117-126.	2.2	42
92	Surface acidic and redox properties of V-Zr-O catalysts for the selective oxidation of toluene to benzaldehyde. <i>Journal of Molecular Catalysis A</i> , 2007, 278, 209-214.	4.8	19
93	Dehydration of methanol to dimethyl ether over Nb <sub>2</sub> O <sub>5</sub> and NbOPO <sub>4</sub> catalysts: Microcalorimetric and FT-IR studies. <i>Journal of Molecular Catalysis A</i> , 2007, 275, 183-193.	4.8	62
94	Structural, redox and acid-base properties of V <sub>2</sub> O <sub>5</sub> /CeO <sub>2</sub> catalysts. <i>Thermochimica Acta</i> , 2006, 451, 84-93.	1.2	58
95	Reduction of Ni <sup>2+</sup> by hydrazine in solution for the preparation of nickel nano-particles. <i>Journal of Materials Science</i> , 2006, 41, 3473-3480.	1.7	37
96	Surface acidity of niobium phosphate and steam reforming of dimethoxymethane over CuZnO/Al <sub>2</sub> O <sub>3</sub> -NbP complex catalysts. <i>Journal of Catalysis</i> , 2006, 244, 1-9.	3.1	51
97	Thermal characterization of carbon-nanofiber-reinforced tetraglycidyl-4,4'-diaminodiphenylmethane/4,4'-diaminodiphenylsulfone epoxy composites. <i>Journal of Applied Polymer Science</i> , 2006, 100, 295-298.	1.3	34
98	Surface acidity and the dehydration of methanol to dimethyl ether. <i>Thermochimica Acta</i> , 2005, 434, 22-26.	1.2	148
99	Characterization of acidic and redox properties of Ce-Mo-O catalysts for the selective oxidation of toluene. <i>Thermochimica Acta</i> , 2005, 434, 50-54.	1.2	27
100	Thermal decomposition of dimethoxymethane and dimethyl carbonate catalyzed by solid acids and bases. <i>Thermochimica Acta</i> , 2005, 434, 88-92.	1.2	73
101	Cure kinetic study of carbon nanofibers/epoxy composites by isothermal DSC. <i>Journal of Applied Polymer Science</i> , 2005, 96, 329-335.	1.3	59
102	Modification of Cr/SiO <sub>2</sub> for the dehydrogenation of propane to propylene in carbon dioxide. <i>Reaction Kinetics and Catalysis Letters</i> , 2005, 85, 253-260.	0.6	18
103	The determination of acidity in fluid cracking catalysts (FCCs) from adsorption microcalorimetry of probe molecules. <i>Studies in Surface Science and Catalysis</i> , 2004, 149, 35-70.	1.5	15
104	Cure kinetics of carbon nanotube/tetrafunctional epoxy nanocomposites by isothermal differential scanning calorimetry. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 3701-3712.	2.4	134
105	Microkinetic analysis for the selective oxidation of propylene to acetone over vanadia/titania. <i>Applied Catalysis A: General</i> , 2003, 246, 351-363.	2.2	6
106	A Mössbauer study of In-Fe <sub>2</sub> O <sub>3</sub> /HZSM-5 catalysts for the selective catalytic reduction of NO by methane. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 2846-2851.	1.3	17
107	Microcalorimetric Adsorption Characterizations of Supported Vanadia Catalysts for the Selective Oxidation of Propylene to Acetone. <i>Journal of Catalysis</i> , 2002, 205, 248-258.	3.1	38
108	Title is missing!. <i>Reaction Kinetics and Catalysis Letters</i> , 2002, 77, 103-108.	0.6	38

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109	Microcalorimetric studies of O <sub>2</sub> and C <sub>2</sub> H <sub>4</sub> adsorption on Pd/SiO <sub>2</sub> catalysts modified by Cu and Ag. <i>Thermochimica Acta</i> , 2001, 379, 45-50.	1.2	27
110	Characterization and catalytic performance of supported molybdophosphoric acid catalysts for the oxidation of propylene to acetone. <i>Applied Catalysis A: General</i> , 2001, 206, 161-169.	2.2	26
111	Selective Oxidation of Propylene to Acetone over Supported Vanadia Catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 2001, 72, 263-267.	0.6	12
112	Microcalorimetric and infrared spectroscopic studies of CO and C <sub>2</sub> H <sub>4</sub> adsorption on Pd/SiO <sub>2</sub> and Pd-Ag/SiO <sub>2</sub> catalysts. <i>Materials Chemistry and Physics</i> , 2001, 68, 204-209.	2.0	28
113	Microcalorimetric and infrared spectroscopic studies of $\gamma$ -Al <sub>2</sub> O <sub>3</sub> modified by zinc oxide. <i>Thermochimica Acta</i> , 2000, 351, 165-170.	1.2	30
114	Microcalorimetric and infrared spectroscopic studies of C <sub>2</sub> H <sub>4</sub> adsorption on Ni/SiO <sub>2</sub> and NiBi/SiO <sub>2</sub> catalysts. <i>Thermochimica Acta</i> , 2000, 345, 19-23.	1.2	6
115	Methane Aromatization in the Absence of Oxygen Over Mo/H[B]ZSM-5 Catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 2000, 70, 349-356.	0.6	9
116	Microcalorimetric, Infrared Spectroscopic, and DFT Studies of Ethylene Adsorption on Pd and Pd/Sn Catalysts. <i>Langmuir</i> , 2000, 16, 2213-2219.	1.6	52
117	Microcalorimetric, Infrared Spectroscopic, and DFT Studies of Ethylene Adsorption on Pt/SiO <sub>2</sub> and Pt-Sn/SiO <sub>2</sub> Catalysts. <i>Journal of Physical Chemistry B</i> , 1999, 103, 3923-3934.	1.2	112
118	A study on the reduction behavior of silica supported iron and platinum-iron catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 1998, 64, 255-260.	0.6	1
119	Studies of the roles of Sn or Fe on $\gamma$ -Al <sub>2</sub> O <sub>3</sub> -supported Pt catalysts by CO adsorption microcalorimetry and dehydrogenation reaction of C <sub>4</sub> alkanes. <i>Science in China Series B: Chemistry</i> , 1998, 41, 606-615.	0.8	7
120	Formation of Surface Basicity through the Decomposition of Alkali Metal Nitrates on $\gamma$ -Al <sub>2</sub> O <sub>3</sub> . <i>Langmuir</i> , 1998, 14, 2756-2760.	1.6	7
121	A Preferable Probe Molecule for Evaluating the Surface Acidic Properties of Sulfated Zirconium and Iron Oxides by Microcalorimetric Adsorption Measurement. <i>Chemistry Letters</i> , 1998, 27, 1179-1180.	0.7	3
122	Title is missing!. <i>Journal of Materials Science</i> , 1997, 32, 749-753.	1.7	9
123	Microcalorimetric Studies of Surface Acid/Base Properties of Magnesium Iron Catalysts Prepared from Hydrotalcite-Type Precursors. <i>Journal of Solid State Chemistry</i> , 1997, 128, 73-79.	1.4	18
124	Chemical reaction for the preparation of Ni-P ultrafine amorphous alloy particles from aqueous solution. <i>Journal of Materials Science Letters</i> , 1996, 15, 715-717.	0.5	21
125	Structural and Acid/Base Properties of Supported Europium Oxides. <i>The Journal of Physical Chemistry</i> , 1995, 99, 2384-2392.	2.9	41
126	Microcalorimetric and Infrared Spectroscopic Studies of $\gamma$ -Al <sub>2</sub> O <sub>3</sub> Modified by Basic Metal Oxides. <i>The Journal of Physical Chemistry</i> , 1994, 98, 8067-8073.	2.9	96



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127	Preparation of Fe-B ultrafine amorphous alloy particles by the reaction of ferric chloride and potassium borohydride in aqueous solution. <i>Journal of Materials Science Letters</i> , 1994, 13, 1208-1210.	0.5	5
128	Formation of ultrafine amorphous alloy particles with uniform size by autocatalytic method. <i>Journal of Materials Science Letters</i> , 1993, 12, 1020-1021.	0.5	15
129	Reactions of bivalent metal ions with borohydride in aqueous solution for the preparation of ultrafine amorphous alloy particles. <i>The Journal of Physical Chemistry</i> , 1993, 97, 8504-8511.	2.9	114
130	Surface state and catalytic activity of ultrafine amorphous NiB alloy particles prepared by chemical reduction. <i>Journal of Materials Science Letters</i> , 1993, 12, 596-597.	0.5	2
131	Investigation of Ni-Fe ultrafine amorphous alloy particles produced by chemical reduction. <i>Journal of Applied Physics</i> , 1992, 71, 5217-5221.	1.1	37
132	A study of Fe-Ni-B ultrafine alloy particles produced by reduction with borohydride. <i>Journal of Applied Physics</i> , 1991, 70, 436-438.	1.1	34
133	The preparation of Ni-P ultrafine amorphous alloy particles by chemical reduction. <i>Applied Physics Letters</i> , 1991, 59, 3545-3546.	1.5	25