Landong Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7659148/publications.pdf

Version: 2024-02-01

179 papers	10,555 citations	29994 54 h-index	38300 95 g-index
198 all docs	198 docs citations	198 times ranked	11486 citing authors

#	Article	IF	Citations
1	Zeolite-encaged palladium catalysts for heterogeneous Suzuki-Miyaura cross-coupling reactions. Catalysis Today, 2023, 410, 237-246.	2.2	16
2	Homogeneous-like Alkyne Selective Hydrogenation Catalyzed by Cationic Nickel Confined in Zeolite. CCS Chemistry, 2022, 4, 949-962.	4.6	20
3	Catalytic Hydration of Aromatic Alkynes to Ketones over H-MFI Zeolites. Chemical Research in Chinese Universities, 2022, 38, 173-180.	1.3	4
4	Progressive steps and catalytic cycles in methanol-to-hydrocarbons reaction over acidic zeolites. Fundamental Research, 2022, 2, 184-192.	1.6	28
5	Application of ammonia probe-assisted solid-state NMR technique in zeolites and catalysis. Magnetic Resonance Letters, 2022, 2, 28-37.	0.7	8
6	Direct Propylene Epoxidation with Molecular Oxygen over Cobalt-Containing Zeolites. Journal of the American Chemical Society, 2022, 144, 4260-4268.	6.6	37
7	Plate-Like ZSM-5 Zeolites as Robust Catalysts for the Cracking of Hydrocarbons. ACS Applied Materials & Interfaces, 2022, 14, 11415-11424.	4.0	20
8	Design of plate-like H[Ga]MFI zeolite catalysts for high-performance methanol-to-propylene reaction. Microporous and Mesoporous Materials, 2022, 333, 111767.	2.2	14
9	Zeolites for separation: Fundamental and application. Journal of Energy Chemistry, 2022, 71, 288-303.	7.1	45
10	Transfer printing platelike MFI crystals as seeds for the preparation of silicalite-1 membranes. Microporous and Mesoporous Materials, 2022, 336, 111895.	2.2	4
11	Cascade adsorptive separation of light hydrocarbons by commercial zeolites. Journal of Energy Chemistry, 2022, 72, 299-305.	7.1	5
12	Atomically dispersed Ptn+ species as highly active sites in Pt/In2O3 catalysts for methanol synthesis from CO2 hydrogenation. Journal of Catalysis, 2021, 394, 236-244.	3.1	124
13	Metal-seed assistant photodeposition of platinum over Ta3N5 photocatalyst for promoted solar hydrogen production under visible light. Journal of Energy Chemistry, 2021, 55, 444-448.	7.1	27
14	Optimizing zeolite stabilized Pt-Zn catalysts for propane dehydrogenation. Journal of Energy Chemistry, 2021, 57, 92-98.	7.1	54
15	Self-aldol condensation of aldehydes over Lewis acidic rare-earth cations stabilized by zeolites. Chinese Journal of Catalysis, 2021, 42, 595-605.	6.9	24
16	Platelike MFI Crystals with Controlled Crystal Faces Aspect Ratio. Journal of the American Chemical Society, 2021, 143, 1993-2004.	6.6	93
17	Efficient Separation of Acetylene and Carbon Dioxide in a Decorated Zeolite. Angewandte Chemie, 2021, 133, 6600-6606.	1.6	17
18	Efficient Separation of Acetylene and Carbon Dioxide in a Decorated Zeolite. Angewandte Chemie - International Edition, 2021, 60, 6526-6532.	7.2	62

#	Article	IF	Citations
19	Titelbild: Experimental and Theoretical Evidence for the Promotional Effect of Acid Sites on the Diffusion of Alkenes through Smallâ€Pore Zeolites (Angew. Chem. 18/2021). Angewandte Chemie, 2021, 133, 9813-9813.	1.6	1
20	Experimental and Theoretical Evidence for the Promotional Effect of Acid Sites on the Diffusion of Alkenes through Smallâ€Pore Zeolites. Angewandte Chemie, 2021, 133, 10104-10110.	1.6	10
21	Experimental and Theoretical Evidence for the Promotional Effect of Acid Sites on the Diffusion of Alkenes through Smallâ€Pore Zeolites. Angewandte Chemie - International Edition, 2021, 60, 10016-10022.	7.2	39
22	Synthesis of NUâ€87 Zeolite via Aging and Dualâ€Templating Methods. ChemistrySelect, 2021, 6, 3952-3957.	0.7	1
23	Propane dehydrogenation catalyzed by in-situ partially reduced zinc cations confined in zeolites. Journal of Energy Chemistry, 2021, 63, 262-269.	7.1	48
24	Stabilizing Isolated Rhodium Cations by MFI Zeolite for Heterogeneous Methanol Carbonylation. ACS Catalysis, 2021, 11, 7249-7256.	5.5	18
25	Water-involved methane-selective catalytic oxidation by dioxygen over copper zeolites. CheM, 2021, 7, 1557-1568.	5.8	63
26	Confinement in a Zeolite and Zeolite Catalysis. Accounts of Chemical Research, 2021, 54, 2894-2904.	7.6	159
27	Tandem Lewis acid catalysis for the conversion of alkenes to 1,2-diols in the confined space of bifunctional TiSn-Beta zeolite. Chinese Journal of Catalysis, 2021, 42, 1176-1184.	6.9	12
28	Stabilizing the framework of SAPO-34 zeolite toward long-term methanol-to-olefins conversion. Nature Communications, 2021, 12, 4661.	5.8	32
29	Methane combustion over palladium catalyst within the confined space of MFI zeolite. Chinese Journal of Catalysis, 2021, 42, 1689-1699.	6.9	36
30	Synthesis and catalytic application of nanorod-like FER-type zeolites. Journal of Materials Chemistry A, 2021, 9, 24922-24931.	5.2	15
31	Multifunctional heteroatom zeolites: construction and applications. Frontiers of Chemical Science and Engineering, 2021, 15, 1462-1486.	2.3	9
32	Zeolite-Encaged Isolated Platinum Ions Enable Heterolytic Dihydrogen Activation and Selective Hydrogenations. Journal of the American Chemical Society, 2021, 143, 20898-20906.	6.6	66
33	Methane Activation and Utilization: Current Status and Future Challenges. Energy Technology, 2020, 8, 1900826.	1.8	92
34	Reaction kinetics and mechanism of CH₄-SCR on Ruâ€“In/H-SSZ-13. Catalysis Science and Technology, 2020, 10, 6025-6034.	2.1	8
35	Spectroscopic Signature of Lewis Acidic Framework and Extraframework Sn Sites in Beta Zeolites. ACS Catalysis, 2020, 10, 14135-14146.	5.5	67
36	Reversed configuration of photocatalyst to exhibit improved properties of basic processes compared to conventional one. Science China Chemistry, 2020, 63, 771-776.	4.2	4

#	Article	IF	Citations
37	Control of zeolite pore interior for chemoselective alkyne/olefin separations. Science, 2020, 368, 1002-1006.	6.0	179
38	Entrapped NbOx clusters in MFI zeolite for sustainable acid catalysis. Microporous and Mesoporous Materials, 2020, 305, 110361.	2.2	9
39	Fabrication of Hierarchical Sn-Beta Zeolite as Efficient Catalyst for Conversion of Cellulosic Sugar to Methyl Lactate. ACS Sustainable Chemistry and Engineering, 2020, 8, 3796-3808.	3.2	50
40	Unexpectedly selective hydrogenation of phenylacetylene to styrene on titania supported platinum photocatalyst under 385 nm monochromatic light irradiation. Chinese Journal of Catalysis, 2020, 41, 598-603.	6.9	17
41	Zeolite Stabilized Isolated Molybdenum Species for Catalytic Oxidative Desulfurization. Acta Chimica Sinica, 2020, 78, 1404.	0.5	8
42	Coordinatively unsaturated sites in zeolite matrix: Construction and catalysis. Chinese Journal of Catalysis, 2019, 40, 1255-1281.	6.9	32
43	Noble Metal Particles Confined in Zeolites: Synthesis, Characterization, and Applications. Advanced Science, 2019, 6, 1900299.	5.6	127
44	Hollow Znâ^'Co Based Zeolitic Imidazole Framework as a Robust Heterogeneous Catalyst for Enhanced CO₂ Chemical Fixation. Chemistry - an Asian Journal, 2019, 14, 4375-4382.	1.7	11
45	Stabilizing copper species using zeolite for ethanol catalytic dehydrogenation to acetaldehyde. Chinese Journal of Catalysis, 2019, 40, 1375-1384.	6.9	50
46	Cascade Conversion of Acetic Acid to Isobutene over Yttrium-Modified Siliceous Beta Zeolites. ACS Catalysis, 2019, 9, 9726-9738.	5.5	36
47	Hierarchical FAU-Type Hafnosilicate Zeolite as a Robust Lewis Acid Catalyst for Catalytic Transfer Hydrogenation. ACS Sustainable Chemistry and Engineering, 2019, 7, 16329-16343.	3.2	29
48	Role of Acetaldehyde in the Roadmap from Initial Carbonâ€“Carbon Bonds to Hydrocarbons during Methanol Conversion. ACS Catalysis, 2019, 9, 6491-6501.	5.5	60
49	Acetylene-Selective Hydrogenation Catalyzed by Cationic Nickel Confined in Zeolite. Journal of the American Chemical Society, 2019, 141, 9920-9927.	6.6	112
50	Promoting the activity of Ce-incorporated MOR in dimethyl ether carbonylation through tailoring the distribution of BrÃ¸nsted acids. Applied Catalysis B: Environmental, 2019, 256, 117777.	10.8	46
51	Mechanistic Insights into One-Step Catalytic Conversion of Ethanol to Butadiene over Bifunctional Znâ€“Y/Beta Zeolite. ACS Catalysis, 2018, 8, 2760-2773.	5.5	109
52	Bimetallic Cr-In/H-SSZ-13 for selective catalytic reduction of nitric oxide by methane. Chinese Journal of Catalysis, 2018, 39, 1004-1011.	6.9	8
53	Polyoxometalate-Based Metalâ€“Organic Frameworks as Visible-Light-Induced Photocatalysts. Inorganic Chemistry, 2018, 57, 5030-5037.	1.9	130
54	Robust cobalt oxide catalysts for controllable hydrogenation of carboxylic acids to alcohols. Chinese Journal of Catalysis, 2018, 39, 250-257.	6.9	30

#	Article	IF	Citations
55	Lead-containing Beta zeolites as versatile Lewis acid catalysts for the aminolysis of epoxides. Microporous and Mesoporous Materials, 2018, 264, 230-239.	2.2	22
56	Effect of n-Butanol Cofeeding on the Methanol to Aromatics Conversion over Ga-Modified Nano H-ZSM-5 and Its Mechanistic Interpretation. ACS Catalysis, 2018, 8, 1352-1362.	5.5	88
57	Construction of Bifunctional Co/Hâ€ZSMâ€5 Catalysts for the Hydrodeoxygenation of Stearic Acid to Dieselâ€Range Alkanes. ChemSusChem, 2018, 11, 2179-2188.	3.6	34
58	On the deactivation mechanism of zeolite catalyst in ethanol to butadiene conversion. Journal of Catalysis, 2018, 367, 7-15.	3.1	66
59	Facile synthesis of Sn-containing MFI zeolites as versatile solid acid catalysts. Microporous and Mesoporous Materials, 2018, 270, 265-273.	2.2	35
60	Ru-In/H-SSZ-13 for the selective reduction of nitric oxide by methane: Insights from temperature-programmed desorption studies. Applied Catalysis B: Environmental, 2018, 236, 404-412.	10.8	21
61	Oxidative dehydrogenation of propane over Ptâ€“Sn/Si-beta catalysts: key role of Ptâ€“Sn interaction. Catalysis Science and Technology, 2018, 8, 3044-3051.	2.1	28
62	Selectivity Modulation of Encapsulated Palladium Nanoparticles by Zeolite Microenvironment for Biomass Catalytic Upgrading. ACS Catalysis, 2018, 8, 8578-8589.	5.5	114
63	Insights into the catalytic cycle and activity of methanol-to-olefin conversion over low-silica AlPO-34 zeolites with controllable BrÃ¸nsted acid density. Catalysis Science and Technology, 2017, 7, 607-618.	2.1	58
64	Fabrication of WO_{2.72}/RGO nano-composites for enhanced photocatalysis. RSC Advances, 2017, 7, 2606-2614.	1.7	30
65	High activity of hot electrons from bulk 3D graphene materials for efficient photocatalytic hydrogen production. Nano Research, 2017, 10, 1662-1672.	5.8	49
66	Zeolite Structural Confinement Effects Enhance One-Pot Catalytic Conversion of Ethanol to Butadiene. ACS Catalysis, 2017, 7, 3703-3706.	5.5	87
67	SnS₂ Nanoplates with Specific Facets Exposed for Enhanced Visibleâ€Lightâ€Driven Photocatalysis. ChemPhotoChem, 2017, 1, 60-69.	1.5	22
68	Heterostructured Ni/NiO composite as a robust catalyst for the hydrogenation of levulinic acid to Î³-valerolactone. Applied Catalysis B: Environmental, 2017, 217, 115-124.	10.8	182
69	One-pot construction of Fe/ZSM-5 zeolites for the selective catalytic reduction of nitrogen oxides by ammonia. Catalysis Science and Technology, 2017, 7, 3036-3044.	2.1	76
70	Meso-Zr-Al-beta zeolite as a robust catalyst for cascade reactions in biomass valorization. Applied Catalysis B: Environmental, 2017, 205, 393-403.	10.8	152
71	A simple synthesis of Ga₂O₃ and GaN nanocrystals. RSC Advances, 2017, 7, 47898-47903.	1.7	14
72	Robust ruthenium catalysts for the selective conversion of stearic acid to diesel-range alkanes. Applied Catalysis B: Environmental, 2017, 201, 137-149.	10.8	60

#	Article	IF	Citations
73	Upgrading of Biomass-Derived Furans into Value-Added Chemicals. Biofuels and Biorefineries, 2017, , 273-303.	0.5	1
74	Insight into the formation of the tert-butyl cation confined inside H-ZSM-5 zeolite from NMR spectroscopy and DFT calculations. Chemical Communications, 2016, 52, 10606-10608.	2.2	29
75	Lewis Acid Catalysis Confined in Zeolite Cages as a Strategy for Sustainable Heterogeneous Hydration of Epoxides. ACS Catalysis, 2016, 6, 2955-2964.	5.5	86
76	Diels-Alder and dehydration reactions of furan derivatives with ethylene catalyzed by liquid BrÃ¸nsted acids and Lewis acids. Journal of Molecular Catalysis A, 2016, 420, 134-141.	4.8	43
77	One-pot hydrothermal fabrication of layered Î²-Ni(OH) 2 /g-C 3 N 4 nanohybrids for enhanced photocatalytic water splitting. Applied Catalysis B: Environmental, 2016, 194, 74-83.	10.8	102
78	Al-free Fe-beta as a robust catalyst for selective reduction of nitric oxide by ammonia. Catalysis Science and Technology, 2016, 6, 8325-8335.	2.1	36
79	A swelling-changeful catalyst for glycerol acetylation with controlled acid concentration. Fuel Processing Technology, 2016, 142, 228-234.	3.7	14
80	Identification of tertâ€Butyl Cations in Zeolite Hâ€ZSMâ€5: Evidence from NMR Spectroscopy and DFT Calculations. Angewandte Chemie - International Edition, 2015, 54, 8783-8786.	7.2	63
81	Nanosheets: Tungsten Oxide Single Crystal Nanosheets for Enhanced Multichannel Solar Light Harvesting (Adv. Mater. 9/2015). Advanced Materials, 2015, 27, 1579-1579.	11.1	8
82	Hydrodeoxygenation of lignin-derived phenolic compounds over bi-functional Ru/H-Beta under mild conditions. Fuel, 2015, 150, 175-183.	3.4	179
83	Hydrothermal synthesis and photocatalytic properties of tantalum pentoxide nanorods. Chinese Journal of Catalysis, 2015, 36, 432-438.	6.9	18
84	Ultrafine metal nanoparticles loaded on TiO2 nanorods: Synthesis strategy and photocatalytic activity. Chinese Journal of Catalysis, 2015, 36, 1968-1975.	6.9	11
85	Sub-10â€‰nm rutile titanium dioxide nanoparticles for efficient visible-light-driven photocatalytic hydrogen production. Nature Communications, 2015, 6, 5881.	5.8	653
86	Mesoporous Zr-Beta zeolites prepared by a post-synthetic strategy as a robust Lewis acid catalyst for the ring-opening aminolysis of epoxides. Green Chemistry, 2015, 17, 1744-1755.	4.6	169
87	Intermediates and Dominating Reaction Mechanism During the Early Period of the Methanol-to-Olefin Conversion on SAPO-41. Journal of Physical Chemistry C, 2015, 119, 2637-2645.	1.5	31
88	Tungsten Oxide Single Crystal Nanosheets for Enhanced Multichannel Solar Light Harvesting. Advanced Materials, 2015, 27, 1580-1586.	11.1	436
89	Fabrication of Ta2O5 films on tantalum substrate for efficient photocatalysis. Catalysis Communications, 2015, 65, 24-29.	1.6	35
90	Evidence of rutile-to-anatase photo-induced electron transfer in mixed-phase TiO₂ by solid-state NMR spectroscopy. Chemical Communications, 2015, 51, 13779-13782.	2.2	32

#	Article	IF	Citations
91	Facile synthesis of an iron doped rutile TiO₂ photocatalyst for enhanced visible-light-driven water oxidation. Journal of Materials Chemistry A, 2015, 3, 21434-21438.	5.2	50
92	Incorporation of cerium atoms into Al-free Beta zeolite framework for catalytic application. Chinese Journal of Catalysis, 2015, 36, 801-805.	6.9	25
93	Selective Catalytic Hydrogenolysis of Carbonâ€“Carbon Ïƒ Bonds in Primary Aliphatic Alcohols over Supported Metals. ACS Catalysis, 2015, 5, 7199-7207.	5.5	19
94	Ru/TiO2 for the preferential oxidation of CO in H2-rich stream: Effects of catalyst pre-treatments and reconstruction of Ru sites. Fuel, 2015, 143, 318-326.	3.4	27
95	Understanding the Early Stages of the Methanol-to-Olefin Conversion on H-SAPO-34. ACS Catalysis, 2015, 5, 317-326.	5.5	193
96	ä»‹å”åˆ†å¸MCM-48çš„æ°®åŒ–ä¸Žè¡¨èƒºåŒ–åŽå…¶ç¢±å‚¬åŒ–åº”æ€§èƒ½. Scientia Sinica Chimica, 2015, 45(3), 396-404.		
97	Nb2O5/TiO2 heterojunctions: Synthesis strategy and photocatalytic activity. Applied Catalysis B: Environmental, 2014, 152-153, 280-288.	10.8	207
98	Cyclohexane oxidation: Small organic molecules as catalysts. Chinese Journal of Catalysis, 2014, 35, 279-285.	6.9	11
99	Solid-state NMR investigation of the 16/17O isotope exchange of oxygen species in pure-anatase and mixed-phase TiO2. Chemical Physics Letters, 2014, 594, 34-40.	1.2	7
100	Verifying the dominant catalytic cycle of the methanol-to-hydrocarbon conversion over SAPO-41. Catalysis Science and Technology, 2014, 4, 688-696.	2.1	22
101	A procedure for the preparation of Ti-Beta zeolites for catalytic epoxidation with hydrogen peroxide. Green Chemistry, 2014, 16, 2281-2291.	4.6	136
102	One-step hydrothermal amino-grafting of graphene oxide as an efficient solid base catalyst. Chemical Communications, 2014, 50, 4305.	2.2	19
103	Oxidative dehydrogenation of propane with nitrous oxide over Feâ€“Oâ€“Al species occluded in ZSM-5: Reaction and deactivation mechanisms. Microporous and Mesoporous Materials, 2014, 198, 82-91.	2.2	15
104	Improved Postsynthesis Strategy to Sn-Beta Zeolites as Lewis Acid Catalysts for the Ring-Opening Hydration of Epoxides. ACS Catalysis, 2014, 4, 2801-2810.	5.5	247
105	Synthetic Design of Gold Nanoparticles on Anatase TiO₂ {001} for Enhanced Visible Light Harvesting. ACS Sustainable Chemistry and Engineering, 2014, 2, 1940-1946.	3.2	42
106	Verifying the mechanism of the ethene-to-propene conversion on zeolite H-SSZ-13. Journal of Catalysis, 2014, 314, 10-20.	3.1	84
107	Understanding the effect of surface/bulk defects on the photocatalytic activity of TiO2: anatase versus rutile. Physical Chemistry Chemical Physics, 2013, 15, 10978.	1.3	549
108	Oxidative dehydrogenation of propane with nitrous oxide over Fe-ZSM-5 prepared by grafting: Characterization and performance. Applied Catalysis A: General, 2013, 468, 230-239.	2.2	25

#	Article	IF	Citations
109	Combination catalyst for the purification of automobile exhaust from lean-burn engine. Fuel Processing Technology, 2013, 108, 41-46.	3.7	13
110	Synergetic promotion of the photocatalytic activity of TiO2 by gold deposition under UV-visible light irradiation. Chemical Communications, 2013, 49, 11767.	2.2	61
111	Oxidative dehydrogenation of propane with nitrous oxide over Feâ€“MFI prepared by ion-exchange: effect of acid post-treatments. Catalysis Science and Technology, 2013, 3, 1333.	2.1	37
112	Palladium on graphene as efficient catalyst for solvent-free aerobic oxidation of aromatic alcohols: Role of graphene support. Applied Catalysis B: Environmental, 2013, 136-137, 177-185.	10.8	143
113	Mechanisms of the Deactivation of SAPO-34 Materials with Different Crystal Sizes Applied as MTO Catalysts. ACS Catalysis, 2013, 3, 588-596.	5.5	198
114	Recent Development of Nitrogen-Incorporated Molecular Sieves. Chinese Journal of Catalysis, 2013, 33, 51-59.	6.9	0
115	Investigation of Selective Catalytic Reduction of N₂O by NH₃ over an Feâ€“Mordenite Catalyst: Reaction Mechanism and O₂ Effect. ACS Catalysis, 2012, 2, 512-520.	5.5	68
116	Effect of the Methanol-to-Olefin Conversion on the PFG NMR Self-Diffusivities of Ethane and Ethene in Large-Crystalline SAPO-34. Journal of Physical Chemistry C, 2012, 116, 2469-2476.	1.5	49
117	Cobalt zeolites: Preparation, characterization and catalytic properties for N₂O decomposition. Asia-Pacific Journal of Chemical Engineering, 2012, 7, 502-509.	0.8	13
118	Methanolâ€toâ€Olefin Conversion Catalyzed by Lowâ€Silica AlPOâ€34 with Traces of BrÃ¸nsted Acid Sites: Combined Catalytic and Spectroscopic Investigations. ChemCatChem, 2012, 4, 1428-1435.	1.8	53
119	NO selective reduction by hydrogen over bimetallic Pdâ€“Ir/TiO2 catalyst. Catalysis Communications, 2012, 24, 38-43.	1.6	64
120	Supported Pd catalysts for solvent-free benzyl alcohol selective oxidation: Effects of calcination pretreatments and reconstruction of Pd sites. Applied Catalysis B: Environmental, 2012, 115-116, 7-15.	10.8	109
121	Scaling up of ethanol production from sugar molasses using yeast immobilized with alginate-based MCM-41 mesoporous zeolite composite carrier. Bioresource Technology, 2012, 115, 208-214.	4.8	18
122	Nitridation of MgO-loaded MCM-41 and its beneficial applications in base-catalyzed reactions. Microporous and Mesoporous Materials, 2012, 148, 184-190.	2.2	23
123	Phosphorus modified HMCM-22: Characterization and catalytic application in methanol-to-hydrocarbons conversion. Microporous and Mesoporous Materials, 2012, 151, 99-106.	2.2	32
124	Catalytic dehydration of methanol to dimethyl ether over aluminophosphate and silico-aluminophosphate molecular sieves. Catalysis Communications, 2011, 12, 535-538.	1.6	57
125	Methanol-to-Olefin Conversion on Silicoaluminophosphate Catalysts: Effect of BrÃ¸nsted Acid Sites and Framework Structures. ACS Catalysis, 2011, 1, 292-299.	5.5	140
126	Low temperature CO oxidation on Cuâ€“Cu2O/TiO2 catalyst prepared by photodeposition. Catalysis Science and Technology, 2011, 1, 601.	2.1	102

#	Article	IF	Citations
127	Solvent-free selective photocatalytic oxidation of benzyl alcohol over modified TiO2. Green Chemistry, 2011, 13, 3265.	4.6	119
128	Unexpected methanol-to-olefin conversion activity of low-silica aluminophosphate molecular sieves. Catalysis Communications, 2011, 16, 124-127.	1.6	24
129	Nitrate hydrogenation on Pdâ€“Cu/TiO2 catalyst prepared by photo-deposition. Catalysis Today, 2011, 175, 356-361.	2.2	15
130	Fate of BrÃ¸nsted Acid Sites and Benzeneâ€Based Carbenium Ions During Methanolâ€toâ€Olefin Conversion on SAPOâ€34. ChemCatChem, 2011, 3, 1130-1133.	1.8	49
131	Nitridation of BaO supported on mesoporous materials: Basicity characterization and catalytic properties. Applied Catalysis A: General, 2011, 391, 225-233.	2.2	27
132	Synthesis of Uniform TiO₂ Nanoparticles with Egg Albumen Proteins as Novel Biotemplate. Journal of Nanoscience and Nanotechnology, 2010, 10, 5767-5775.	0.9	22
133	The Effect of Organic Impurities Originating from the Incomplete Combustion of Organic Templates on the Methanolâ€toâ€Olefins Reaction over SAPOâ€46. ChemCatChem, 2010, 2, 1548-1551.	1.8	8
134	Confirmation of NH species in the framework of nitrogen-incorporated ZSM-5 zeolite by experimental and theoretical studies. Microporous and Mesoporous Materials, 2010, 127, 25-31.	2.2	20
135	Physico-chemical characterization of nitrided mesoporous silicon MCM-41. Microporous and Mesoporous Materials, 2010, 135, 2-8.	2.2	14
136	Catalytic oxidation of NO over TiO2 supported platinum clusters I. Preparation, characterization and catalytic properties. Applied Catalysis B: Environmental, 2010, 93, 259-266.	10.8	70
137	Low temperature H2-SCR over platinum catalysts supported on Ti-containing MCM-41. Applied Catalysis B: Environmental, 2010, 94, 254-262.	10.8	71
138	Study on Pt/Al-MCM-41 for NO selective reduction by hydrogen. Catalysis Today, 2010, 158, 228-234.	2.2	39
139	Catalytic oxidation of NO over TiO2 supported platinum clusters. II: Mechanism study by in situ FTIR spectra. Catalysis Today, 2010, 158, 361-369.	2.2	58
140	Selective catalytic reduction of NO by hydrogen over Pt/ZSM-35. Catalysis Today, 2010, 158, 452-458.	2.2	44
141	Preparation of binary washcoat deposited on cordierite substrate for catalytic applications. Ceramics International, 2010, 36, 529-534.	2.3	23
142	Fast Catalytic Reduction of NOx by H2 over Pd-Based Catalysts. Chinese Journal of Catalysis, 2010, 31, 261-263.	6.9	32
143	The promotional effect of Cr on catalytic activity of Pt/ZSM-35 for H2-SCR in excess oxygen. Catalysis Communications, 2010, 11, 955-959.	1.6	38
144	Progress in Selective Catalytic Reduction of NO_{<I>x</I>} by Hydrogen in Excess Oxygen. Chinese Journal of Catalysis, 2010, 31, 912-918.	6.9	4

#	Article	IF	Citations
145	Fast Catalytic Reduction of NO_{<I>x</I>} by H₂ over Pd-Based Catalysts. Chinese Journal of Catalysis, 2010, 31, 261-263.	6.9	1
146	Effect of pH on DDT degradation in aqueous solution using bimetallic Ni/Fe nanoparticles. Separation and Purification Technology, 2009, 66, 84-89.	3.9	126
147	Fe-mordenite/cordierite monolith for the catalytic decomposition of nitrous oxide. Ceramics International, 2009, 35, 3097-3101.	2.3	19
148	Catalytic Oxidation of Nitric Oxide to Nitrogen Dioxide on Ru-FAU. Catalysis Letters, 2009, 131, 656-662.	1.4	6
149	HC-SCR reaction pathways on ion exchanged ZSM-5 catalysts. Microporous and Mesoporous Materials, 2009, 117, 450-457.	2.2	67
150	A study on N2O catalytic decomposition over Co/MgO catalysts. Journal of Hazardous Materials, 2009, 163, 1332-1337.	6.5	68
151	NO decomposition, storage and reduction over novel mixed oxide catalysts derived from hydrotalcite-like compounds. Journal of Colloid and Interface Science, 2009, 333, 423-430.	5.0	37
152	Expanding mesoporosity of triblock-copolymer-templated silica under weak synthesis acidity. Journal of Colloid and Interface Science, 2009, 339, 160-167.	5.0	17
153	Dynamic adsorption of volatile organic compounds on organofunctionalized SBA-15 materials. Chemical Engineering Journal, 2009, 149, 281-288.	6.6	166
154	A comprehensive investigation of influences of NO and O2 on N2O-SCR by CH4 over Fe-USY zeolite. Applied Catalysis B: Environmental, 2009, 91, 262-268.	10.8	13
155	Oxidation of nitric oxide to nitrogen dioxide over Ru catalysts. Applied Catalysis B: Environmental, 2009, 88, 224-231.	10.8	81
156	Comparative Studies on Porous Material-Supported Pd Catalysts for Catalytic Oxidation of Benzene, Toluene, and Ethyl Acetate. Industrial & Engineering Chemistry Research, 2009, 48, 6930-6936.	1.8	101
157	Promoted and Controllable Self-Assembly of Hydrolyzed Siloxane and Triblock Copolymer under Organic Polyhydroxy Acids. Industrial & Engineering Chemistry Research, 2009, 48, 6308-6314.	1.8	2
158	Iron-exchanged FAU zeolites: Preparation, characterization and catalytic properties for N2O decomposition. Applied Catalysis A: General, 2008, 344, 131-141.	2.2	66
159	Highly active and stable bimetallic Ir/Fe-USY catalysts for direct and NO-assisted N2O decomposition. Applied Catalysis B: Environmental, 2008, 84, 734-741.	10.8	26
160	A new and generic preparation method of mesoporous clay composites containing dispersed metal oxide nanoparticles. Microporous and Mesoporous Materials, 2008, 114, 214-221.	2.2	30
161	Influences of Mesoporous Structure on the NO+H2+O2 Low Temperature Reaction over Pt/Si-MCM-41 Catalyst. Acta Physico-chimica Sinica, 2008, 24, 369-374.	0.6	4
162	Ir/ZSM-5/cordierite monolith for catalytic NOx reduction from automobile exhaust. Catalysis Communications, 2008, 9, 409-415.	1.6	12

#	Article	IF	Citations
163	Wet ion exchanged Fe-USY catalyst for effective N2O decomposition. Catalysis Communications, 2008, 9, 1745-1748.	1.6	9
164	NO selective reduction by hydrogen on potassium titanate supported palladium catalyst. Catalysis Communications, 2008, 9, 1827-1832.	1.6	51
165	Î²-Cyclodextrin-Assisted Synthesis of Superparamagnetic Magnetite Nanoparticles from a Single Fe(III) Precursor. Journal of Physical Chemistry C, 2008, 112, 17148-17155.	1.5	46
166	Novel CH₄ Combustion Catalysts Derived from Cuâ^'Co/Xâ^'Al (X = Fe, Mn, La, Ce) Hydrotalcite-like Compounds. Energy & Fuels, 2008, 22, 2131-2137.	2.5	65
167	Novel Ruâ^'Mgâ^'Alâ^'O Catalyst Derived from Hydrotalcite-like Compound for NO Storage/Decomposition/Reduction. Journal of Physical Chemistry C, 2007, 111, 10552-10559.	1.5	30
168	Feâ^'USY Zeolite Catalyst for Effective Decomposition of Nitrous Oxide. Environmental Science & Technology, 2007, 41, 7901-7906.	4.6	37
169	Selective catalytic reduction of NO by propane in excess oxygen over IrCu-ZSM-5 catalyst. Catalysis Communications, 2007, 8, 583-588.	1.6	42
170	Novel Multiâ€functional Mixedâ€oxide Catalysts for Effective NO_x Capture, Decomposition, and Reduction. Advanced Functional Materials, 2007, 17, 3598-3606.	7.8	46
171	Synthesis of Anatase TiO2 Nanoparticles with Î²-Cyclodextrin as a Supramolecular Shell. Chemistry - an Asian Journal, 2006, 1, 664-668.	1.7	23
172	Selective catalytic reduction of nitric oxide with propane over Ni-Al2O3: effect of Ni loading. Reaction Kinetics and Catalysis Letters, 2006, 89, 81-87.	0.6	11
173	High photocatalytic activity and selectivity for nitrogen in nitrate reduction on Ag/TiO catalyst with fine silver clusters. Journal of Catalysis, 2005, 232, 424-431.	3.1	236
174	Direct synthesis of zeolite coatings on cordierite supports by in situ hydrothermal method. Applied Catalysis A: General, 2005, 292, 312-321.	2.2	52
175	selective catalytic reduction of nitrogen oxides over Cu-TS-1/cordierite and LaCu-TS-1/cordierite. Reaction Kinetics and Catalysis Letters, 2005, 84, 115-120.	0.6	1
176	Selective Catalytic Reduction of Nitrogen Oxides from Exhaust of Lean Burn Engine over In-Situ Synthesized Cuâ^'ZSM-5/Cordierite. Environmental Science & Technology, 2005, 39, 2841-2847.	4.6	38
177	Improving the Si/Al ratio of zeolite omega by boron adulteration. Studies in Surface Science and Catalysis, 2004, 154, 217-223.	1.5	0
178	Study on metal-MFI/cordierite as promising catalysts for selective catalytic reduction of nitric oxide by propane in excess oxygen. Journal of Catalysis, 2004, 228, 12-22.	3.1	37
179	Selective catalytic reduction of nitrogen oxides from exhaust of lean burn engine over in situ synthesized monolithic Cuâ€“TS-1/cordierite. Catalysis Today, 2004, 90, 207-213.	2.2	32