

Nobuyuki Ichikuni

List of Publications by Year in descending order

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124
papers

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147801

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#	ARTICLE	IF	CITATIONS
1	Specific lift-up behaviour of acetate-intercalated layered yttrium hydroxide interlayer in water: application for heterogeneous Brønsted base catalysts toward Knoevenagel reactions. <i>Catalysis Science and Technology</i> , 2022, 12, 2061-2070.	4.1	3
2	Enhanced oxygen reduction activity of size-selected platinum subnanocluster catalysts: Pt _n (n = 3–9). <i>Catalysis Science and Technology</i> , 2022, 12, 1400-1407.	4.1	6
3	Creation of Highly Reducible CuO Species by High-Temperature Calcination of a Cu-Al Layered Double Hydroxide: Selective Hydrogenation of Furfural into Furfuryl Alcohol with Formic Acid. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 121-128.	3.2	9
4	In Situ Generation of Catalytically Active CuO Species Derived from Cu-Al Layered Double Hydroxides for Acceptorless Alcohol Dehydrogenation. <i>Chemistry Letters</i> , 2022, 51, 334-337.	1.3	7
5	The role of the shell in core-shell-structured La-doped NaTaO ₃ photocatalysts. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 8868-8879.	2.8	10
6	Chemoselective synthesis of imine and secondary amine from nitrobenzene and benzaldehyde by Ni ₃ Sn ₂ alloy catalyst supported on TiO ₂ . <i>Molecular Catalysis</i> , 2021, 505, 111503.	2.0	3
7	Dependence of Photoexcited Electron Behavior on Octahedral Distortion in Barium-Doped NaTaO ₃ Photocatalysts. <i>Journal of Physical Chemistry C</i> , 2021, 125, 16403-16412.	3.1	3
8	Synergistic Effect in Ir- or Pt-Doped Ru Nanoparticles: Catalytic Hydrogenation of Carbonyl Compounds under Ambient Temperature and H ₂ Pressure. <i>ACS Catalysis</i> , 2021, 11, 10502-10507.	11.2	5
9	Artificially Designed Compositionally Graded Sr-Doped NaTaO ₃ Single-Crystalline Thin Films and the Dynamics of Their Photoexcited Electron-Hole Pairs. <i>Chemistry of Materials</i> , 2021, 33, 226-233.	6.7	9
10	Lewis Acid and Base Catalysis of YNbO ₄ Toward Aqueous-Phase Conversion of Hexose and Triose Sugars to Lactic Acid in Water. <i>ChemCatChem</i> , 2020, 12, 350-359.	3.7	18
11	The catalytic oxidation of 1-phenylethanol over SiO ₂ supported manganese oxide nanocluster prepared by PVP stabilized colloidal Mn as precursor. <i>Catalysis Today</i> , 2020, 352, 250-254.	4.4	2
12	Visible light responsive La and Fe co-doped NaTaO ₃ photocatalysts: Local structure around dopants. <i>Chemical Physics</i> , 2020, 531, 110648.	1.9	15
13	Dopant site in indium-doped SrTiO ₃ photocatalysts. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 19178-19187.	2.8	19
14	One-pot synthesis of aniline N-alkylation from benzyl alcohol over Cu-Fe catalyst. <i>Applied Catalysis A: General</i> , 2020, 602, 117519.	4.3	11
15	Water-Splitting Activity of La-Doped NaTaO ₃ Photocatalysts Sensitive to Spatial Distribution of Dopants. <i>Journal of Physical Chemistry C</i> , 2020, 124, 15285-15294.	3.1	19
16	Electron Population and Water Splitting Activity Controlled by Strontium Cations Doped in KTaO ₃ Photocatalysts. <i>Journal of Physical Chemistry C</i> , 2019, 123, 18387-18397.	3.1	25
17	Double Doping of NaTaO ₃ Photocatalysts with Lanthanum and Manganese for Strongly Enhanced Visible-Light Absorption. <i>ACS Applied Energy Materials</i> , 2019, 2, 7518-7526.	5.1	26
18	Enhancement of Oxidative Dehydrogenation of Alcohols by Utilizing Hydrotalcite as Support of NiO Nanocluster Catalyst. <i>Chemistry Letters</i> , 2019, 48, 374-377.	1.3	0

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19	Chemoselective Hydrogenation of 4-Nitrostyrene to 4-Aminostyrene by Highly Efficient TiO ₂ Supported Ni ₃ Sn ₂ Alloy Catalyst. Bulletin of the Chemical Society of Japan, 2019, 92, 811-816.	3.2	11
20	One-pot selective conversion of C5-furan into 1,4-pentanediol over bulk Ni–Sn alloy catalysts in an ethanol/H ₂ O solvent mixture. Green Chemistry, 2019, 21, 2307-2315.	9.0	38
21	The atomic-scale structure of LaCrO ₃ –NaTaO ₃ solid solution photocatalysts with enhanced electron population. Physical Chemistry Chemical Physics, 2019, 21, 5148-5157.	2.8	23
22	Development of Supported NiO Nanocluster for Aerobic Oxidation of 1-Phenylethanol and Elucidation of Reaction Mechanism via X-ray Analysis. Bulletin of the Chemical Society of Japan, 2019, 92, 840-846.	3.2	3
23	Enhanced oxygen reduction activity of platinum subnanocluster catalysts through charge redistribution. Chemical Communications, 2019, 55, 12603-12606.	4.1	22
24	Local Environment of Strontium Cations Activating NaTaO ₃ Photocatalysts. ACS Catalysis, 2018, 8, 880-885.	11.2	29
25	Study on the promoting effect of nickel silicate for 1-phenylethanol oxidation on supported NiO nanocluster catalysts. Catalysis Today, 2018, 307, 29-34.	4.4	9
26	Hydrogenolysis of Tetrahydrofurfuryl Alcohol to 1,5-Pentanediol over a Nickel-Yttrium Oxide Catalyst Containing Ruthenium. Chemistry Letters, 2018, 47, 103-106.	1.3	12
27	Highly Selective Transfer Hydrogenation of Carbonyl Compounds Using La ₂ O ₃ . Bulletin of the Chemical Society of Japan, 2018, 91, 1561-1569.	3.2	8
28	Preparation of a Highly Stable Pd-Perovskite Catalyst for Suzuki Couplings via a Low-Temperature Hydrothermal Treatment. ACS Omega, 2018, 3, 17528-17531.	3.5	4
29	Recyclable Pd-contained perovskite catalyst synthesized by a low temperature hydrothermal method for aerobic alcohol oxidation. Molecular Catalysis, 2018, 453, 132-138.	2.0	13
30	Acceptorless dehydrogenation of alcohols using Cu–Fe catalysts prepared from Cu–Fe layered double hydroxides as precursors. Catalysis Science and Technology, 2018, 8, 3010-3014.	4.1	20
31	Photoexcited Electrons Driven by Doping Concentration Gradient: Flux-Prepared NaTaO ₃ Photocatalysts Doped with Strontium Cations. ACS Catalysis, 2018, 8, 9334-9341.	11.2	36
32	Kaolinite Catalyst for the Production of a Biodiesel-Based Compound from Biomass-Derived Furfuryl Alcohol. ACS Applied Energy Materials, 2018, 1, 2460-2463.	5.1	11
33	Chemoselective Hydrogenation of Unsaturated Nitro Compounds to Unsaturated Amines by Ni-Sn Alloy Catalysts. Chemistry Letters, 2018, 47, 971-974.	1.3	14
34	Synthesis of 1,5-Pentanediol by Hydrogenolysis of Furfuryl Alcohol over Ni–Y ₂ O ₃ Composite Catalyst. ChemCatChem, 2017, 9, 2869-2874.	3.7	40
35	Hydrogenolysis of Furfural into 1,5-Pentanediol by Employing Ni-M (M = Y or La) Composite Catalysts. Chemistry Letters, 2017, 46, 744-746.	1.3	21
36	Efficiently Recyclable and Easily Separable Ni-Fe Alloy Catalysts for Chemoselective Hydrogenation of Biomass-derived Furfural. Chemistry Letters, 2017, 46, 149-151.	1.3	15

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37	Highly Catalytic Performance of La ₂ O ₃ in the Selective Transfer Hydrogenation of Biomass-derived Furfural. <i>Chemistry Letters</i> , 2017, 46, 1580-1583.	1.3	13
38	Selective hydrogenation of unsaturated carbonyls by Ni-Fe-based alloy catalysts. <i>Catalysis Science and Technology</i> , 2017, 7, 3637-3646.	4.1	37
39	Study on the selectivity of propane photo-oxidation reaction on SBA-15 supported Mo oxide catalyst. <i>Catalysis Today</i> , 2016, 265, 90-94.	4.4	11
40	Efficient hydrogenation of levulinic acid in water using a supported Ni-Sn alloy on aluminium hydroxide catalysts. <i>Catalysis Science and Technology</i> , 2016, 6, 2955-2961.	4.1	37
41	Hydrophenylation of internal alkynes with boronic acids catalysed by a Ni-Zn hydroxy double salt-intercalated anionic rhodium complex. <i>Catalysis Science and Technology</i> , 2016, 6, 863-868.	4.1	9
42	Formation and dichroism of poly(vinyl alcohol)-iodine complex in photocurable film. <i>Polymers for Advanced Technologies</i> , 2015, 26, 338-344.	3.2	2
43	Epoxidation of cyclic enones with hydrogen peroxide catalysed by alkylcarboxylate-intercalated Ni-Zn mixed basic salts. <i>Catalysis Science and Technology</i> , 2015, 5, 578-583.	4.1	12
44	Development of Nanoporous Ni-Sn Alloy and Application for Chemoselective Hydrogenation of Furfural to Furfuryl Alcohol. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2014, 9, 53-59.	1.1	19
45	Recent progress in EXAFS/NEXAFS spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2014, 195, 375-381.	1.7	13
46	Lewis Acid Catalysis of TiO ₄ Tetrahedra on Mesoporous Silica in Water. <i>ACS Catalysis</i> , 2014, 4, 1198-1204.	11.2	45
47	Efficient 1,4-Addition of Enones and Boronic Acids Catalyzed by a Ni-Zn Hydroxyl Double Salt-Intercalated Anionic Rhodium(III) Complex. <i>ACS Catalysis</i> , 2014, 4, 4040-4046.	11.2	23
48	XAFS and HAADF STEM combined characterization for size regulated Ni nanocluster catalyst and its unique size dependence for water gas shift reaction. <i>Applied Catalysis A: General</i> , 2014, 478, 66-70.	4.3	12
49	Effect of Local Structure of Mo Oxide on Selective Photo-Oxidation of Propane to Acetone. <i>Catalysis Letters</i> , 2013, 143, 154-158.	2.6	6
50	Recyclable Pd-Incorporated Perovskite-Titanate Catalysts Synthesized in Molten Salts for the Liquid-Phase Oxidation of Alcohols with Molecular Oxygen. <i>Bulletin of the Chemical Society of Japan</i> , 2013, 86, 146-152.	3.2	8
51	Multinuclear Solid-State NMR Study of Allophane. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 372-375.	3.2	2
52	CaO-catalyzed Aerobic Oxidation of α -Hydroxy Ketones: Application to One-pot Synthesis of Quinoxaline Derivatives. <i>Chemistry Letters</i> , 2012, 41, 488-490.	1.3	9
53	A Novel Preparation Method of Ni-Sn Alloy Catalysts Supported on Aluminium Hydroxide: Application to Chemoselective Hydrogenation of Unsaturated Carbonyl Compounds. <i>Chemistry Letters</i> , 2012, 41, 769-771.	1.3	29
54	Selective synthesis of organogold magic clusters Au ₅₄ (Ct,CPh) ₂₆ . <i>Chemical Communications</i> , 2012, 48, 6085.	4.1	91

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55	Highly efficient and selective hydrogenation of unsaturated carbonyl compounds using Ni–Sn alloy catalysts. <i>Catalysis Science and Technology</i> , 2012, 2, 2139.	4.1	116
56	Preparation of clay-supported Sn catalysts and application to Baeyer–Villiger oxidation. <i>Green Chemistry</i> , 2012, 14, 771.	9.0	39
57	A New Binding Motif of Sterically Demanding Thiolates on a Gold Cluster. <i>Journal of the American Chemical Society</i> , 2012, 134, 14295-14297.	13.7	122
58	Preparation and Catalysis of Supported NiO Nanocluster for Oxidative Coupling of Thiophenol. <i>Transactions of the Materials Research Society of Japan</i> , 2012, 37, 177-180.	0.2	7
59	Oxidative cleavage of isoeugenol to vanillin under molecular oxygen catalysed by cobalt porphyrin intercalated into lithium taeniolite clay. <i>Journal of Molecular Catalysis A</i> , 2012, 361-362, 72-79.	4.8	31
60	High-yield synthesis of PVP-stabilized small Pt clusters by microfluidic method. <i>Catalysis Today</i> , 2012, 183, 101-107.	4.4	40
61	Size Control of Ni Nanocluster by the Carbon Chain Length of Secondary Alkoxide. <i>E-Journal of Surface Science and Nanotechnology</i> , 2012, 10, 648-650.	0.4	5
62	An anionic d-valine–palladium(ii) complex supported on a hydroxy double salt with a Brønsted basic phosphate anion: application for a heterogeneous catalyst toward aerobic alcohol oxidation. <i>Catalysis Science and Technology</i> , 2011, 1, 1376.	4.1	23
63	Characterization of Heat-Treated Synthetic Imogolite by ²⁷ Al MAS and ²⁷ Al MQMAS Solid-State NMR. <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 656-659.	3.2	10
64	Size-Controlled Synthesis of Gold Clusters as Efficient Catalysts for Aerobic Oxidation. <i>Catalysis Surveys From Asia</i> , 2011, 15, 230-239.	2.6	31
65	Selective Photocatalytic Oxidation of Alcohols to Aldehydes in Water by TiO ₂ Partially Coated with WO ₃ . <i>Chemistry - A European Journal</i> , 2011, 17, 9816-9824.	3.3	99
66	Hemicellulose decomposition and saccharides production from various plant biomass by sulfonated allophane catalyst. <i>Catalysis Today</i> , 2011, 164, 415-418.	4.4	25
67	Size Control of Catalytic Reaction Space by Intercalation of Alkylcarboxylate Anions into Ni–Zn Mixed Basic Salt Interlayer: Application for Knoevenagel Reaction in Water. <i>Chemistry Letters</i> , 2010, 39, 304-305.	1.3	17
68	Promotional Effect of Iron for the Nitridation of Niobium Oxide to Niobium Nitride. <i>Topics in Catalysis</i> , 2009, 52, 1517-1524.	2.8	7
69	Creation of highly stable monomeric Pd(II) species in an anion-exchangeable hydroxy double salt interlayer: Application to aerobic alcohol oxidation under an air atmosphere. <i>Green Chemistry</i> , 2009, 11, 2034.	9.0	51
70	Effect of Electronic Structures of Au Clusters Stabilized by Poly(<i>N</i> -vinyl-2-pyrrolidone) on Aerobic Oxidation Catalysis. <i>Journal of the American Chemical Society</i> , 2009, 131, 7086-7093.	13.7	615
71	Characterization of CuMn-spinel catalyst for methanol steam reforming. <i>Catalysis Communications</i> , 2009, 10, 1800-1803.	3.3	42
72	Selective Production of Xylose and Xylo-oligosaccharides from Bamboo Biomass by Sulfonated Allophane Solid Acid Catalyst. <i>Chemistry Letters</i> , 2009, 38, 1176-1177.	1.3	17

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73	Highly efficient alcohol oxidation catalyzed by palladium(II)-alkylamine complexes using atmospheric molecular oxygen. <i>Journal of Molecular Catalysis A</i> , 2008, 282, 28-33.	4.8	15
74	Preparation of supported NbC catalysts from peroxoniobic acid and in situ XAFS characterization. <i>Applied Catalysis A: General</i> , 2008, 343, 25-28.	4.3	7
75	Microfluidic Synthesis and Catalytic Application of PVP-Stabilized, 141 nm Gold Clusters. <i>Langmuir</i> , 2008, 24, 11327-11330.	3.5	132
76	In-Situ XAFS Characterization for Nitrifying Process of Silica Supported Nb Catalysts Under N ₂ -H ₂ Gas. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	1
77	Regioselective Ring Opening Reactions of Oxiranes with Acrylic Acid by Clay Supported Zirconium .BETA.-Diketonate Catalysts. <i>Journal of Ion Exchange</i> , 2007, 18, 584-589.	0.3	4
78	XAFS Study of the Photo-Active Site of Mo/MCM-41. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	1
79	Effect of Co addition for carburizing process of Ti-oxide/SiO ₂ into TiC/SiO ₂ . <i>Applied Catalysis A: General</i> , 2007, 323, 104-109.	4.3	5
80	Multiple Scattering Approach to Au L ₃ edge XANES of sprAuAl ₂ O ₃ Catalyst. <i>Physica Scripta</i> , 2005, , 756.	2.5	1
81	Structural Analysis of PhotoChemically Anchored Molybdenum Oxide Catalysts by EXAFS. <i>Physica Scripta</i> , 2005, , 825.	2.5	0
82	Studies on tris(β ² -diketonato)zirconium (IV); syntheses, characterization and catalytic activity for ring opening of oxiranes. <i>Catalysis Communications</i> , 2005, 6, 426-430.	3.3	15
83	Opening Mechanism of Internal Nanoporosity of Single-Wall Carbon Nanohorn. <i>Journal of Physical Chemistry B</i> , 2005, 109, 14319-14324.	2.6	130
84	Preparation of Mesoporous Silica Supported Nb Catalysts and in-situ XAFS Characterization During Carburization Process. <i>Physica Scripta</i> , 2005, , 807.	2.5	4
85	Activation of Bulk MoO ₃ Catalysts by Spray Reaction Method for Propene Photometathesis Reaction. <i>Catalysis Letters</i> , 2004, 93, 177-180.	2.6	6
86	Selective synthesis of primary methoxypropanol using clay supported tris(2,4-pentanedionato)zirconium(IV). <i>Journal of Molecular Catalysis A</i> , 2004, 221, 141-144.	4.8	6
87	Colloidal Gold Nanoparticles as Catalyst for Carbon-Carbon Bond Formation: Application to Aerobic Homocoupling of Phenylboronic Acid in Water. <i>Langmuir</i> , 2004, 20, 11293-11296.	3.5	356
88	Synthesis of Novel Nano-structured Clays: Unique Conformation of Pillar Complexes. <i>Chemistry Letters</i> , 2004, 33, 208-209.	1.3	9
89	X-ray absorption fine structure study on residue bromine in carbons with different degrees of graphitization. <i>Carbon</i> , 2003, 41, 2931-2938.	10.3	5
90	EXAFS study on interfacial structure between Pd cluster and n-octadecanethiolate monolayer: formation of mixed Pd-S interlayer. <i>Chemical Physics Letters</i> , 2003, 376, 26-32.	2.6	40

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91	Ni/SiO ₂ prepared by sol-gel process using citric acid. <i>Microporous and Mesoporous Materials</i> , 2003, 66, 197-208.	4.4	58
92	Preparation of Au/TiO ₂ catalysts by suspension spray reaction method and their catalytic property for CO oxidation. <i>Applied Catalysis A: General</i> , 2003, 246, 87-95.	4.3	94
93	Preparation of mesoporous silica anchored mo catalysts and in-situ XAFS characterization under propene photometathesis reaction. <i>Studies in Surface Science and Catalysis</i> , 2003, , 359-362.	1.5	3
94	Asymmetric Hydrogenation of Acetophenone by Rh(I)-BINAP Supported on Smectites with Various Interlayer Distances. <i>Journal of Ion Exchange</i> , 2003, 14, 397-400.	0.3	2
95	Nickel Oxide Particles Coated with Silica. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 2297-2304.	3.2	3
96	New application of spray reaction technique to the preparation of supported gold catalysts for environmental catalysis. <i>Journal of Molecular Catalysis A</i> , 2002, 182-183, 209-214.	4.8	11
97	Regioselective hydrogenation of dienes catalyzed by palladium-aminosilane complexes grafted on MCM-41. <i>Journal of Molecular Catalysis A</i> , 2002, 182-183, 343-350.	4.8	26
98	XAFS Analysis for Niobium Carbide Particle Growth on Silica Support During Preparation Process. <i>Topics in Catalysis</i> , 2002, 18, 101-104.	2.8	7
99	Characteristics of supported gold catalysts prepared by spray reaction method. <i>Studies in Surface Science and Catalysis</i> , 2001, , 769-772.	1.5	2
100	A novel effect of Li additive: dynamic control of Rh mobility during CO ₂ hydrogenation reaction. <i>Studies in Surface Science and Catalysis</i> , 2000, 130, 3759-3764.	1.5	1
101	Suspended Spray Reaction for Preparation of Ru/Al ₂ O ₃ Catalyst. <i>Chemistry Letters</i> , 2000, 29, 652-653.	1.3	3
102	Characterization and catalytic performance of designed surfaces. <i>Journal of Molecular Catalysis A</i> , 2000, 158, 67-83.	4.8	6
103	Promoting effect of NiAl ₂ O ₄ for supported Ni particles on sprayed Ni/Al ₂ O ₃ catalysts. <i>Catalysis Letters</i> , 2000, 69, 33-36.	2.6	30
104	Characterization of Rh Particles and Li-Promoted Rh Particles in Y Zeolite during CO ₂ Hydrogenation—A New Mechanism for Catalysis Controlled by the Dynamic Structure of Rh Particles and the Li Additive Effect. <i>Journal of Catalysis</i> , 2000, 194, 91-104.	6.2	22
105	The Effect of Li on Structure of Supported Rh Particles in Zeolite. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 341, 473-478.	0.3	2
106	Structure and catalytic combustion activity of atomically dispersed Pt species at MgO surface. <i>Applied Catalysis A: General</i> , 1999, 188, 313-324.	4.3	86
107	Asymmetric hydrogenation of itaconates by hectorite-intercalated Rh-DIOP complex. <i>Journal of Molecular Catalysis A</i> , 1999, 137, 263-267.	4.8	33
108	Hydrogenation of CO ₂ over sprayed Ru/TiO ₂ fine particles and strong metal-support interaction. <i>Applied Catalysis A: General</i> , 1999, 180, 227-235.	4.3	106

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109	CO ₂ hydrogenation over micro- and mesoporous oxides supported Ru catalysts. <i>Catalysis Letters</i> , 1999, 60, 125-132.	2.6	11
110	EXAFS Observation of Li Additive Effect on Structure of Rh Particles Supported on Zeolite. <i>Japanese Journal of Applied Physics</i> , 1999, 38, 81.	1.5	3
111	Capillary Condensation of N ₂ on Multiwall Carbon Nanotubes. <i>Journal of Physical Chemistry B</i> , 1998, 102, 4689-4692.	2.6	156
112	CO ₂ hydrogenation activity and surface structure of zeolite-supported Rh catalysts. <i>Applied Catalysis A: General</i> , 1998, 173, 47-60.	4.3	31
113	Catalytic properties of sprayed Ru/Al ₂ O ₃ and promoter effects of alkali metals in CO ₂ hydrogenation. <i>Applied Catalysis A: General</i> , 1998, 172, 351-358.	4.3	80
114	Hydrogenation of CO ₂ over Rh ion exchanged zeolite catalysts. <i>Studies in Surface Science and Catalysis</i> , 1998, , 455-458.	1.5	0
115	New Clay-Supported Chiral Rhodium Complexes: Interlayer Modification with Structural Tuning Guests and Asymmetric Hydrogenation. <i>Chemistry Letters</i> , 1998, 27, 1191-1192.	1.3	9
116	Reversible structural change of Rh particles supported on GeO ₂ submonolayers on SiO ₂ in reduction and oxidation by XAFS, XRD, TEM and FTIR. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 3217-3227.	1.7	4
117	Ni/MgO catalyst prepared using citric acid for hydrogenation of carbon dioxide. <i>Applied Catalysis A: General</i> , 1997, 158, 185-199.	4.3	78
118	Asymmetric hydrogenation of α,β -unsaturated carboxylic acid esters by rhodium(I) π -phosphine complexes supported on smectites. <i>Journal of Molecular Catalysis A</i> , 1996, 107, 297-303.	4.8	49
119	A new method for quantitative characterization of adsorbed hydrogen on Pt particles by means of Pt L-edge XANES. <i>Chemical Physics Letters</i> , 1996, 256, 445-448.	2.6	57
120	Surface structures and catalytic properties of supported niobium oxides. <i>Catalysis Today</i> , 1996, 28, 49-58.	4.4	28
121	Observation of the Structural Change in the Nb Sites during Ethanol Dehydration on a SiO ₂ -Attached Nb Dimer Catalyst by EXAFS. <i>The Journal of Physical Chemistry</i> , 1994, 98, 11576-11581.	2.9	9
122	In situ d electron density of Pt particles on supports by XANES. <i>Catalysis Letters</i> , 1993, 20, 87-95.	2.6	45
123	Structures and catalysis of new Nb dimers on SiO ₂ . <i>Catalysis Today</i> , 1993, 16, 427-434.	4.4	20
124	Preparation and catalytic properties of a new SiO ₂ -attached Nb-dimer catalyst: regulation of acidity/basicity by the number of metal atoms in surface active sites. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 112-113.	2.0	11