

Kiyotomi Kaneda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6936863/publications.pdf>

Version: 2024-02-01

166
papers

13,914
citations

14644

66
h-index

22808

112
g-index

212
all docs

212
docs citations

212
times ranked

10183
citing authors

#	ARTICLE	IF	CITATIONS
1	Air-stable and reusable cobalt ion-doped titanium oxide catalyst for alkene hydrosilylation. <i>Green Chemistry</i> , 2019, 21, 4566-4570.	4.6	14
2	Design of high-performance heterogeneous catalysts using hydrotalcite for selective organic transformations. <i>Green Chemistry</i> , 2019, 21, 1361-1389.	4.6	61
3	Development of High Performance Heterogeneous Catalysts for Selective Cleavage of C=O and C=C Bonds of Biomass-Derived Oxygenates. <i>Chemical Record</i> , 2019, 19, 1179-1198.	2.9	22
4	A Titanium Dioxide Supported Gold Nanoparticle Catalyst for the Selective N-Formylation of Functionalized Amines with Carbon Dioxide and Hydrogen. <i>ChemCatChem</i> , 2017, 9, 3632-3636.	1.8	53
5	Design of High-Performance Heterogeneous Catalysts using Apatite Compounds for Liquid-Phase Organic Syntheses. <i>ACS Catalysis</i> , 2017, 7, 920-935.	5.5	33
6	New Routes for Refinery of Biogenic Platform Chemicals Catalyzed by Cerium Oxide-supported Ruthenium Nanoparticles in Water. <i>Scientific Reports</i> , 2017, 7, 14007.	1.6	15
7	Mild Hydrogenation of Amides to Amines over a Platinum-Vanadium Bimetallic Catalyst. <i>Angewandte Chemie</i> , 2017, 129, 9509-9513.	1.6	20
8	Mild Hydrogenation of Amides to Amines over a Platinum-Vanadium Bimetallic Catalyst. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9381-9385.	7.2	73
9	Metal-Support Cooperative Catalysts for Environmentally Benign Molecular Transformations. <i>Chemical Record</i> , 2017, 17, 4-26.	2.9	25
10	On-demand Hydrogen Production from Organosilanes at Ambient Temperature Using Heterogeneous Gold Catalysts. <i>Scientific Reports</i> , 2016, 6, 37682.	1.6	14
11	One-Pot Transformation of Levulinic Acid to 2-Methyltetrahydrofuran Catalyzed by Pt-Mo/H ₂ in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 682-685.	3.2	71
12	Green, Multi-Gram One-Step Synthesis of Core-Shell Nanocomposites in Water and Their Catalytic Application to Chemoselective Hydrogenations. <i>Chemistry - A European Journal</i> , 2016, 22, 17962-17966.	1.7	20
13	Design of Core-Pd/Shell-Ag Nanocomposite Catalyst for Selective Semihydrogenation of Alkynes. <i>ACS Catalysis</i> , 2016, 6, 666-670.	5.5	138
14	O ₂ -enhanced Catalytic Activity of Gold Nanoparticles in Selective Oxidation of Hydrosilanes to Silanols. <i>Chemistry Letters</i> , 2015, 44, 1062-1064.	0.7	21
15	Highly Efficient Dehydrogenative Coupling of Hydrosilanes with Amines or Amides Using Supported Gold Nanoparticles. <i>Chemistry - A European Journal</i> , 2015, 21, 3202-3205.	1.7	19
16	Selective C=C Coupling Reaction of Dimethylphenol to Tetramethyldiphenoquinone Using Molecular Oxygen Catalyzed by Cu Complexes Immobilized in Nanospaces of Structurally-Ordered Materials. <i>Molecules</i> , 2015, 20, 3089-3106.	1.7	7
17	One-step Synthesis of Core-Gold/Shell-Ceria Nanomaterial and Its Catalysis for Highly Selective Semihydrogenation of Alkynes. <i>Journal of the American Chemical Society</i> , 2015, 137, 13452-13455.	6.6	185
18	Highly Efficient and Selective Transformations of Glycerol Using Reusable Heterogeneous Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 574-578.	3.2	22

#	ARTICLE	IF	CITATIONS
19	Hydrogenation of Sulfoxides to Sulfides under Mild Conditions Using Ruthenium Nanoparticle Catalysts. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8348-8351.	7.2	54
20	Selective synthesis of Rh ₅ carbonyl clusters within a polyamine dendrimer for chemoselective reduction of nitro aromatics. <i>Chemical Communications</i> , 2014, 50, 6526.	2.2	17
21	Direct Transformation of Furfural to 1,2-Pentanediol Using a Hydrotalcite-Supported Platinum Nanoparticle Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 2243-2247.	3.2	131
22	Highly Efficient Deoxygenation of Sulfoxides Using Hydroxyapatite-supported Ruthenium Nanoparticles. <i>Chemistry Letters</i> , 2014, 43, 420-422.	0.7	19
23	Development of Environmentally-friendly Molecular Transformation System Based on Cooperative Catalysis between Metal Nanoparticles and Inorganic Metal Oxides. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2014, 72, 268-279.	0.0	0
24	Highly atom-efficient and chemoselective reduction of ketones in the presence of aldehydes using heterogeneous catalysts. <i>Green Chemistry</i> , 2013, 15, 2695.	4.6	11
25	Gold nanoparticle catalysts for selective hydrogenations. <i>Green Chemistry</i> , 2013, 15, 2636.	4.6	267
26	Regioselective oxidative coupling of 2,6-dimethylphenol to tetramethyldiphenoquinone using polyamine dendrimer-encapsulated Cu catalysts. <i>RSC Advances</i> , 2013, 3, 9662.	1.7	8
27	Highly Efficient Etherification of Silanes by Using a Gold Nanoparticle Catalyst: Remarkable Effect of O ₂ . <i>Chemistry - A European Journal</i> , 2013, 19, 14398-14402.	1.7	30
28	Gold nanoparticle-catalyzed cyclocarbonylation of 2-aminophenols. <i>Green Chemistry</i> , 2013, 15, 608.	4.6	24
29	Metal-Ligand Core-Shell Nanocomposite Catalysts for the Selective Semihydrogenation of Alkynes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1481-1485.	7.2	140
30	Simple and clean synthesis of ketones from internal olefins using PdCl ₂ /N,N-dimethylacetamide catalyst system. <i>Tetrahedron Letters</i> , 2013, 54, 1596-1598.	0.7	33
31	Advanced Core-Shell Nanoparticle Catalysts for Efficient Organic Transformations. <i>ChemCatChem</i> , 2013, 5, 1681-1691.	1.8	50
32	Investigation of size-dependent properties of sub-nanometer palladium clusters encapsulated within a polyamine dendrimer. <i>Chemical Communications</i> , 2013, 49, 167-169.	2.2	31
33	Highly Atom-Efficient Oxidation of Electron-Deficient Internal Olefins to Ketones Using a Palladium Catalyst. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5961-5964.	7.2	49
34	Simple and Efficient 1,3-Isomerization of Allylic Alcohols using a Supported Monomeric Vanadium-Oxide Catalyst. <i>ChemCatChem</i> , 2013, 5, 2879-2882.	1.8	2
35	Highly Selective Hydrogenolysis of Glycerol to 1,3-Propanediol over a Boehmite-Supported Platinum/Tungsten Catalyst. <i>ChemSusChem</i> , 2013, 6, 1345-1347.	3.6	155
36	Core-Shell AgNP@CeO ₂ Nanocomposite Catalyst for Highly Chemoselective Reductions of Unsaturated Aldehydes. <i>Chemistry - A European Journal</i> , 2013, 19, 5255-5258.	1.7	60

#	ARTICLE	IF	CITATIONS
37	Size Selective Synthesis of Subnano Pd Clusters Using Core [Poly(propylene imine)]-Shell [Poly(benzyl)] Tj ETQq1,1,0.784314 rgBT	0.7	1
38	Selective Hydrogenolysis of Glycerol to 1,2-Propanediol Using Heterogeneous Copper Nanoparticle Catalyst Derived from Cu-Al Hydrotalcite. <i>Chemistry Letters</i> , 2013, 42, 729-731.	0.7	24
39	Remarkable Effect of Bases on Core-Shell AgNP@CeO ₂ Nanocomposite-catalyzed Highly Chemoselective Reduction of Unsaturated Aldehydes. <i>Chemistry Letters</i> , 2013, 42, 660-662.	0.7	14
40	Selective Hydrogenolysis of Glycerol to 1,3-Propanediol Catalyzed by Pt Nanoparticles@Al ₂ O ₃ /WO ₃ . <i>Chemistry Letters</i> , 2012, 41, 1720-1722.	0.7	56
41	Highly Efficient Condensation of Glycerol to Cyclic Acetals Catalyzed by Titanium-Exchanged Montmorillonite. <i>Heterocycles</i> , 2012, 84, 371.	0.4	13
42	Unique catalysis of gold nanoparticles in the chemoselective hydrogenolysis with H ₂ : cooperative effect between small gold nanoparticles and a basic support. <i>Chemical Communications</i> , 2012, 48, 6723.	2.2	26
43	Highly efficient double-carbonylation of amines to oxamides using gold nanoparticle catalysts. <i>Chemical Communications</i> , 2012, 48, 11733.	2.2	20
44	Titanium cation-exchanged montmorillonite as an active heterogeneous catalyst for the Beckmann rearrangement under mild reaction conditions. <i>Tetrahedron Letters</i> , 2012, 53, 5211-5214.	0.7	19
45	Direct synthesis of unsymmetrical ethers from alcohols catalyzed by titanium cation-exchanged montmorillonite. <i>Green Chemistry</i> , 2012, 14, 610.	4.6	33
46	Design of a Silver-Cerium Dioxide Core-Shell Nanocomposite Catalyst for Chemoselective Reduction Reactions. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 136-139.	7.2	258
47	Back Cover: Design of a Silver-Cerium Dioxide Core-Shell Nanocomposite Catalyst for Chemoselective Reduction Reactions (<i>Angew. Chem. Int. Ed.</i> 1/2012). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 278-278.	7.2	2
48	Rhodium-grafted hydrotalcite catalyst for heterogeneous 1,4-addition reaction of organoboron reagents to electron deficient olefins. <i>Green Chemistry</i> , 2011, 13, 2416.	4.6	23
49	Subnanoscale Size Effect of Dendrimer-encapsulated Pd Clusters on Catalytic Hydrogenation of Olefin. <i>Chemistry Letters</i> , 2011, 40, 180-181.	0.7	17
50	Highly Efficient Pd/SiO ₂ -Dimethyl Sulfoxide Catalyst System for Selective Semihydrogenation of Alkynes. <i>Chemistry Letters</i> , 2011, 40, 405-407.	0.7	51
51	Gold Nanoparticle-Catalyzed Environmentally Benign Deoxygenation of Epoxides to Alkenes. <i>Molecules</i> , 2011, 16, 8209-8227.	1.7	20
52	Selective Deoxygenation of Epoxides to Alkenes with Molecular Hydrogen Using a Hydrotalcite-Supported Gold Catalyst: A Concerted Effect between Gold Nanoparticles and Basic Sites on a Support. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2986-2989.	7.2	124
53	Highly Efficient Gold Nanoparticle Catalyzed Deoxygenation of Amides, Sulfoxides, and Pyridine Oxides. <i>Chemistry - A European Journal</i> , 2011, 17, 1768-1772.	1.7	97
54	Wacker-Type Oxidation of Internal Olefins Using a PdCl ₂ /N,N-Dimethylacetamide Catalyst System under Copper-Free Reaction Conditions. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1238-1240.	7.2	99

#	ARTICLE	IF	CITATIONS
55	Oxidant-Free Lactonization of Diols Using a Hydrotalcite-Supported Copper Catalyst. <i>Heterocycles</i> , 2010, 80, 855.	0.4	21
56	Fine Tuning of Pd0 Nanoparticle Formation on Hydroxyapatite and Its Application for Regioselective Quinoline Hydrogenation. <i>Chemistry Letters</i> , 2010, 39, 832-834.	0.7	49
57	Complete Hydrodechlorination of DDT and Its Derivatives Using a Hydroxyapatite-supported Pd Nanoparticle Catalyst. <i>Chemistry Letters</i> , 2010, 39, 49-51.	0.7	14
58	Highly Chemoselective Reduction of Nitroaromatic Compounds Using a Hydrotalcite-supported Silver-nanoparticle Catalyst under a CO Atmosphere. <i>Chemistry Letters</i> , 2010, 39, 223-225.	0.7	42
59	Room-Temperature Deoxygenation of Epoxides with CO Catalyzed by Hydrotalcite-Supported Gold Nanoparticles in Water. <i>Chemistry - A European Journal</i> , 2010, 16, 11818-11821.	1.7	51
60	Titelbild: Wacker-Type Oxidation of Internal Olefins Using a PdCl ₂ /N,N-Dimethylacetamide Catalyst System under Copper-Free Reaction Conditions (<i>Angew. Chem.</i> 7/2010). <i>Angewandte Chemie</i> , 2010, 122, 1189-1189.	1.6	0
61	Innentitelbild: Supported Gold and Silver Nanoparticles for Catalytic Deoxygenation of Epoxides into Alkenes (<i>Angew. Chem.</i> 32/2010). <i>Angewandte Chemie</i> , 2010, 122, 5518-5518.	1.6	0
62	Cover Picture: Wacker-Type Oxidation of Internal Olefins Using a PdCl ₂ /N,N-Dimethylacetamide Catalyst System under Copper-Free Reaction Conditions (<i>Angew. Chem. Int. Ed.</i> 7/2010). <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1169-1169.	7.2	0
63	Supported Gold and Silver Nanoparticles for Catalytic Deoxygenation of Epoxides into Alkenes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5545-5548.	7.2	117
64	Inside Cover: Supported Gold and Silver Nanoparticles for Catalytic Deoxygenation of Epoxides into Alkenes (<i>Angew. Chem. Int. Ed.</i> 32/2010). <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5390-5390.	7.2	1
65	Selective deoxygenation of styrene oxides under a CO atmosphere using silver nanoparticle catalyst. <i>Tetrahedron Letters</i> , 2010, 51, 5466-5468.	0.7	41
66	Creation of a monomeric vanadate species in an apatite framework as an active heterogeneous base catalyst for Michael reactions in water. <i>Catalysis Today</i> , 2010, 152, 93-98.	2.2	19
67	Development of Heterogeneous Olympic Medal Metal Nanoparticle Catalysts for Environmentally Benign Molecular Transformations Based on the Surface Properties of Hydrotalcite. <i>Molecules</i> , 2010, 15, 8988-9007.	1.7	40
68	Supported monomeric vanadium catalyst for dehydration of amides to form nitriles. <i>Chemical Communications</i> , 2010, 46, 8243.	2.2	58
69	Creation of a high-valent manganese species on hydrotalcite and its application to the catalytic aerobic oxidation of alcohols. <i>Green Chemistry</i> , 2010, 12, 2142.	4.6	26
70	Efficient Aerobic Oxidation of Alcohols using a Hydrotalcite-Supported Gold Nanoparticle Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1890-1896.	2.1	188
71	Supported silver nanoparticle catalyst for selective hydration of nitriles to amides in water. <i>Chemical Communications</i> , 2009, , 3258.	2.2	164
72	Development of concerto metal catalysts using apatite compounds for green organic syntheses. <i>Energy and Environmental Science</i> , 2009, 2, 655.	15.6	107

#	ARTICLE	IF	CITATIONS
73	Supported gold nanoparticles as a reusable catalyst for synthesis of lactones from diols using molecular oxygen as an oxidant under mild conditions. <i>Green Chemistry</i> , 2009, 11, 793.	4.6	121
74	Supported gold nanoparticle catalyst for the selective oxidation of silanes to silanols in water. <i>Chemical Communications</i> , 2009, , 5302.	2.2	139
75	Controlled Synthesis of Pd Clusters in Subnanometer Range Using Poly(propylene imine) Dendrimers. <i>Chemistry Letters</i> , 2009, 38, 1118-1119.	0.7	19
76	Oxidant-Free Alcohol Dehydrogenation Using a Reusable Hydrotalcite-Supported Silver Nanoparticle Catalyst. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 138-141.	7.2	274
77	Supported Silver Nanoparticle-Catalyzed Highly Efficient Aqueous Oxidation of Phenylsilanes to Silanols. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7938-7940.	7.2	177
78	Reusable montmorillonite-entrapped organocatalyst for asymmetric Diels-Alder reaction. <i>Tetrahedron Letters</i> , 2008, 49, 5464-5466.	0.7	50
79	Hydrotalcite-bound ruthenium as a multifunctional heterogeneous catalyst for one-pot synthesis of β -alkylated nitriles and quinolines. <i>Research on Chemical Intermediates</i> , 2008, 34, 475-486.	1.3	5
80	PAMAM dendron-stabilised palladium nanoparticles: effect of generation and peripheral groups on particle size and hydrogenation activity. <i>Chemical Communications</i> , 2008, , 241-243.	2.2	60
81	Copper nanoparticles on hydrotalcite as a heterogeneous catalyst for oxidant-free dehydrogenation of alcohols. <i>Chemical Communications</i> , 2008, , 4804.	2.2	180
82	Recyclable indium catalysts for additions of 1,3-dicarbonyl compounds to unactivated alkynes affected by structure and acid strength of solid supports. <i>Green Chemistry</i> , 2008, 10, 1231.	4.6	17
83	Cation-Exchanged Montmorillonites as Solid Acid Catalysts for Organic Synthesis. <i>Synlett</i> , 2007, 2007, 0999-1015.	1.0	68
84	Nucleophilic Substitution Reactions of Alcohols with Use of Montmorillonite Catalysts as Solid Brønsted Acids. <i>Journal of Organic Chemistry</i> , 2007, 72, 6006-6015.	1.7	198
85	Magnetically recoverable heterogeneous catalyst: Palladium nanocluster supported on hydroxyapatite-encapsulated γ -Fe ₂ O ₃ nanocrystallites for highly efficient dehalogenation with molecular hydrogen. <i>Green Chemistry</i> , 2007, 9, 1246.	4.6	126
86	Development of Ruthenium-γ-Hydroxyapatite-Encapsulated Superparamagnetic γ -Fe ₂ O ₃ Nanocrystallites as an Efficient Oxidation Catalyst by Molecular Oxygen. <i>Chemistry of Materials</i> , 2007, 19, 1249-1256.	3.2	139
87	Montmorillonite-Entrapped Sub-nanoordered Pd Clusters as a Heterogeneous Catalyst for Allylic Substitution Reactions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3288-3290.	7.2	77
88	Creation of monomeric La complexes on apatite surfaces and their application as heterogeneous catalysts for Michael reactions. <i>New Journal of Chemistry</i> , 2006, 30, 44-52.	1.4	52
89	Highly Efficient C-C Bond-Forming Reactions in Aqueous Media Catalyzed by Monomeric Vanadate Species in an Apatite Framework. <i>Journal of Organic Chemistry</i> , 2006, 71, 7455-7462.	1.7	98
90	Efficient C-N Bond Formations Catalyzed by a Proton-Exchanged Montmorillonite as a Heterogeneous Brønsted Acid. <i>Organic Letters</i> , 2006, 8, 4617-4620.	2.4	111

#	ARTICLE	IF	CITATIONS
91	Reconstructed Hydrotalcite as a Highly Active Heterogeneous Base Catalyst for Carbon-Carbon Bond Formations in the Presence of Water. <i>Journal of Organic Chemistry</i> , 2006, 71, 5440-5447.	1.7	147
92	Design of High-Performance Heterogeneous Metal Catalysts for Green and Sustainable Chemistry. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 981-1016.	2.0	141
93	Highly efficient Wacker oxidation catalyzed by heterogeneous Pd montmorillonite under acid-free conditions. <i>Tetrahedron Letters</i> , 2006, 47, 1425-1428.	0.7	37
94	A rhodium-grafted hydrotalcite as a highly efficient heterogeneous catalyst for 1,4-addition of organoboron reagents to α,β -unsaturated carbonyl compounds. <i>Tetrahedron Letters</i> , 2006, 47, 5083-5087.	0.7	22
95	Highly efficient heterogeneous acylations of aromatic compounds with acid anhydrides and carboxylic acids by montmorillonite-enwrapped titanium as a solid acid catalyst. <i>Research on Chemical Intermediates</i> , 2006, 32, 305-315.	1.3	12
96	Environmentally Friendly One-Pot Synthesis of α -Alkylated Nitriles Using Hydrotalcite-Supported Metal Species as Multifunctional Solid Catalysts. <i>Chemistry - A European Journal</i> , 2006, 12, 8228-8239.	1.7	118
97	Convenient and Efficient Pd-Catalyzed Regioselective Oxyfunctionalization of Terminal Olefins by Using Molecular Oxygen as Sole Reoxidant. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 481-485.	7.2	241
98	Brønsted Acid Mediated Heterogeneous Addition Reaction of 1,3-Dicarbonyl Compounds to Alkenes and Alcohols. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2605-2609.	7.2	136
99	Palladium-Platinum Bimetallic Nanoparticle Catalysts Using Dendron Assembly for Selective Hydrogenation of Dienes and Their Application to Thermomorphic System. <i>Chemistry Letters</i> , 2005, 34, 272-273.	0.7	23
100	Liquid-phase Epoxidation of Alkenes Using Molecular Oxygen Catalyzed by Vanadium Cation-exchanged Montmorillonite. <i>Chemistry Letters</i> , 2005, 34, 1626-1627.	0.7	20
101	Dendritic Nanoreactor Encapsulating Rh Complex Catalyst for Hydroformylation. <i>Chemistry Letters</i> , 2005, 34, 286-287.	0.7	17
102	Michael reaction of 1,3-dicarbonyls with enones catalyzed by a hydroxyapatite-bound La complex. <i>Tetrahedron Letters</i> , 2005, 46, 4283-4286.	0.7	26
103	One-pot synthesis of α -alkylated nitriles with carbonyl compounds through consecutive aldol reaction/hydrogenation using a hydrotalcite-supported palladium nanoparticle as a multifunctional heterogeneous catalyst. <i>Tetrahedron Letters</i> , 2005, 46, 5507-5510.	0.7	56
104	Heterotrimetallic RuMnMn Species on a Hydrotalcite Surface as Highly Efficient Heterogeneous Catalysts for Liquid-Phase Oxidation of Alcohols with Molecular Oxygen. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3423-3426.	7.2	101
105	Monomeric Metal Aqua Complexes in the Interlayer Space of Montmorillonites as Strong Lewis Acid Catalysts for Heterogeneous Carbon-Carbon Bond-Forming Reactions. <i>Chemistry - A European Journal</i> , 2005, 11, 288-297.	1.7	64
106	An Acidic Layered Clay Is Combined with A Basic Layered Clay for One-Pot Sequential Reactions. <i>Journal of the American Chemical Society</i> , 2005, 127, 9674-9675.	6.6	182
107	Catalytic investigations of carbon-carbon bond-forming reactions by a hydroxyapatite-bound palladium complex. <i>New Journal of Chemistry</i> , 2005, 29, 1174.	1.4	46
108	A single-site hydroxyapatite-bound zinc catalyst for highly efficient chemical fixation of carbon dioxide with epoxides. <i>Chemical Communications</i> , 2005, , 3331.	2.2	92

#	ARTICLE	IF	CITATIONS
109	Design of hydroxyapatite-bound transition metal catalysts for environmentally-benign organic syntheses. <i>Catalysis Surveys From Asia</i> , 2004, 8, 231-239.	1.0	32
110	Multifunctional Catalysis of a Ruthenium-Grafted Hydrotalcite: One-Pot Synthesis of Quinolines from 2-Aminobenzyl Alcohol and Various Carbonyl Compounds via Aerobic Oxidation and Aldol Reaction.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
111	Highly active trimetallic Ru/CeO ₂ /CoO(OH) catalyst for oxidation of alcohols in the presence of molecular oxygen. <i>Journal of Molecular Catalysis A</i> , 2004, 212, 161-170.	4.8	74
112	Multifunctional catalysis of a ruthenium-grafted hydrotalcite: one-pot synthesis of quinolines from 2-aminobenzyl alcohol and various carbonyl compounds via aerobic oxidation and aldol reaction. <i>Tetrahedron Letters</i> , 2004, 45, 6029-6032.	0.7	118
113	Highly efficient dehalogenation using hydroxyapatite-supported palladium nanocluster catalyst with molecular hydrogen. <i>Green Chemistry</i> , 2004, 6, 507.	4.6	60
114	Supramolecular Catalysts by Encapsulating Palladium Complexes within Dendrimers. <i>Journal of the American Chemical Society</i> , 2004, 126, 1604-1605.	6.6	118
115	A Ruthenium-Grafted Hydrotalcite as a Multifunctional Catalyst for Direct α -Alkylation of Nitriles with Primary Alcohols. <i>Journal of the American Chemical Society</i> , 2004, 126, 5662-5663.	6.6	248
116	Hydroxyapatite-Supported Palladium Nanoclusters: A Highly Active Heterogeneous Catalyst for Selective Oxidation of Alcohols by Use of Molecular Oxygen. <i>Journal of the American Chemical Society</i> , 2004, 126, 10657-10666.	6.6	904
117	Oxidation of benzyl alcohol aiming at a greener reaction. <i>Reaction Kinetics and Catalysis Letters</i> , 2003, 78, 73-80.	0.6	24
118	Highly Efficient Dehydrogenation of Indolines to Indoles Using Hydroxyapatite-Bound Pd Catalyst.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
119	Highly efficient esterification of carboxylic acids with alcohols by montmorillonite-enwrapped titanium as a heterogeneous acid catalyst. <i>Tetrahedron Letters</i> , 2003, 44, 9205-9208.	0.7	80
120	Efficient deprotection of N-benzyloxycarbonyl group from amino acids by hydroxyapatite-bound Pd catalyst in the presence of molecular hydrogen. <i>Tetrahedron Letters</i> , 2003, 44, 4981-4984.	0.7	36
121	Highly efficient dehydrogenation of indolines to indoles using hydroxyapatite-bound Pd catalyst. <i>Tetrahedron Letters</i> , 2003, 44, 6207-6210.	0.7	99
122	A Novel Montmorillonite-Enwrapped Scandium as a Heterogeneous Catalyst for Michael Reaction. <i>Journal of the American Chemical Society</i> , 2003, 125, 10486-10487.	6.6	89
123	Hydroxyapatite-Bound Cationic Ruthenium Complexes as Novel Heterogeneous Lewis Acid Catalysts for Diels-Alder and Aldol Reactions. <i>Journal of the American Chemical Society</i> , 2003, 125, 11460-11461.	6.6	131
124	Highly selective oxidation of allylic alcohols catalysed by monodispersed 8-shell Pd nanoclusters in the presence of molecular oxygen. <i>New Journal of Chemistry</i> , 2003, 27, 324-328.	1.4	70
125	Nanoscale Palladium Cluster Immobilized on a TiO ₂ Surface as an Efficient Catalyst for Liquid-phase Wacker Oxidation of Higher Terminal Olefins. <i>Chemistry Letters</i> , 2003, 32, 180-181.	0.7	36
126	Clean Synthesis of 3,5-Di-tert-butyl-4-diphenylquinone from the Oxidative Coupling of 2,6-Di-tert-butylphenol Catalyzed by Alkali-promoted Cu-Mg-Al Hydrotalcites in the Presence of Molecular Oxygen. <i>Chemistry Letters</i> , 2003, 32, 58-59.	0.7	16

#	ARTICLE	IF	CITATIONS
127	Highly Efficient Deprotection of Acetals by Titanium Cation-exchanged Montmorillonite as a Strong Solid Acid Catalyst. <i>Chemistry Letters</i> , 2003, 32, 648-649.	0.7	32
128	Controlled Synthesis of Hydroxyapatite-Supported Palladium Complexes as Highly Efficient Heterogeneous Catalysts. <i>Journal of the American Chemical Society</i> , 2002, 124, 11572-11573.	6.6	390
129	Efficient heterogeneous oxidation of organosilanes to silanols catalysed by a hydroxyapatite-bound Ru complex in the presence of water and molecular oxygen. <i>New Journal of Chemistry</i> , 2002, 26, 1536-1538.	1.4	110
130	Creation of a chain-like cationic iron species in montmorillonite as a highly active heterogeneous catalyst for alkane oxygenations using hydrogen peroxide. <i>Chemical Communications</i> , 2002, , 690-691.	2.2	40
131	Environmentally friendly alcohol oxidation using heterogeneous catalyst in the presence of air at room temperature. <i>Catalysis Communications</i> , 2002, 3, 511-517.	1.6	63
132	Dendritic Nanoreactors Encapsulating Pd Particles for Substrate-Specific Hydrogenation of Olefins. <i>Nano Letters</i> , 2002, 2, 999-1002.	4.5	130
133	Highly efficient epoxidation of α,β -unsaturated ketones by hydrogen peroxide with a base hydrotalcite catalyst prepared from metal oxides. <i>Tetrahedron Letters</i> , 2002, 43, 6229-6232.	0.7	53
134	Highly efficient oxidation of alcohols to carbonyl compounds in the presence of molecular oxygen using a novel heterogeneous ruthenium catalyst. <i>Tetrahedron Letters</i> , 2002, 43, 7179-7183.	0.7	118
135	Catalysis of a hydroxyapatite-bound Ru complex: efficient heterogeneous oxidation of primary amines to nitriles in the presence of molecular oxygen. <i>Chemical Communications</i> , 2001, , 461-462.	2.2	212
136	Highly efficient heterogeneous acetalization of carbonyl compounds catalyzed by a titanium cation-exchanged montmorillonite. <i>Tetrahedron Letters</i> , 2001, 42, 8329-8332.	0.7	75
137	Dimethylaminoethylated hydroxypropyl-chitosan: Preparation and application as polymeric ligand to form Rh ₆ cluster complexes for the reduction of benzaldehyde and nitrobenzene. <i>Journal of Applied Polymer Science</i> , 2001, 80, 447-453.	1.3	6
138	Synthesis of dimethylaminoethyl chitin and applications as a polymeric ligand to form Rh cluster complexes for the reduction of benzaldehyde and nitrobenzene. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 1431-1435.	1.1	4
139	Catalyst design of hydrotalcite compounds for efficient oxidations. <i>Catalysis Surveys From Asia</i> , 2000, 4, 31-38.	1.2	51
140	Epoxidation of α,β -Unsaturated Ketones Using Hydrogen Peroxide in the Presence of Basic Hydrotalcite Catalysts. <i>Journal of Organic Chemistry</i> , 2000, 65, 6897-6903.	1.7	120
141	Simple and clean synthesis of 9,9-bis[4-(2-hydroxyethoxy)phenyl]fluorene from the aromatic alkylation of phenoxyethanol with fluorene-9-one catalysed by titanium cation-exchanged montmorillonite. <i>Green Chemistry</i> , 2000, 2, 157-160.	4.6	56
142	Preparation of a zeolite X-encapsulated copper(ii) chloride complex and its catalysis for liquid-phase oxygenation of enamines in the presence of molecular oxygen. <i>Chemical Communications</i> , 2000, , 869-870.	2.2	19
143	Creation of a Monomeric Ru Species on the Surface of Hydroxyapatite as an Efficient Heterogeneous Catalyst for Aerobic Alcohol Oxidation. <i>Journal of the American Chemical Society</i> , 2000, 122, 7144-7145.	6.6	436
144	Hydrotalcite-Catalyzed Epoxidation of Olefins Using Hydrogen Peroxide and Amide Compounds. <i>Journal of Organic Chemistry</i> , 1999, 64, 2966-2968.	1.7	91

#	ARTICLE	IF	CITATIONS
145	Highly efficient oxidation of alcohols and aromatic compounds catalysed by the Ru-Co-Al hydrotalcite in the presence of molecular oxygen. <i>Chemical Communications</i> , 1999, , 265-266.	2.2	152
146	Heterogeneous N-oxidation of pyridines using a combined oxidant of hydrogen peroxide and nitriles catalysed by basic hydrotalcites. <i>New Journal of Chemistry</i> , 1999, 23, 799-801.	1.4	25
147	Mg~Al Mixed Oxides as Highly Active Acid~Base Catalysts for Cycloaddition of Carbon Dioxide to Epoxides. <i>Journal of the American Chemical Society</i> , 1999, 121, 4526-4527.	6.6	674
148	Hydrotalcite catalysis: heterogeneous epoxidation of olefins using hydrogen peroxide in the presence of nitriles. <i>Chemical Communications</i> , 1998, , 295-296.	2.2	96
149	Chemoselective Transfer Hydrogenation of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehydes to Allylic Alcohols Using Formic Acid Catalyzed by Polymer-Bound Rh Carbonyl Clusters. <i>Journal of Organic Chemistry</i> , 1998, 63, 2378-2381.	1.7	45
150	Heterogeneous Oxidation of Allylic and Benzylic Alcohols Catalyzed by Ru~Al~Mg Hydrotalcites in the Presence of Molecular Oxygen. <i>Journal of Organic Chemistry</i> , 1998, 63, 1750-1751.	1.7	198
151	Catalysis of giant palladium cluster complexes. Highly selective oxidations of primary allylic alcohols to $\hat{1}\pm, \hat{1}^2$ -unsaturated aldehydes in the presence of molecular oxygen. <i>Tetrahedron Letters</i> , 1997, 38, 9023-9026.	0.7	79
152	Catalysis by polymer-bound Rh ₆ carbonyl clusters Selective hydrogenation of carbonyl compounds in the presence of CO and H ₂ O. <i>Applied Surface Science</i> , 1997, 121-122, 360-365.	3.1	7
153	The active sites in the heterogeneous Baeyer-Villiger oxidation of cyclopentanone by hydrotalcite catalysts. <i>Applied Surface Science</i> , 1997, 121-122, 366-371.	3.1	44
154	Highly Selective Oxidation of Allylic Alcohols to $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehydes Using Pd Cluster Catalysts in the Presence of Molecular Oxygen. <i>Journal of Organic Chemistry</i> , 1996, 61, 4502-4503.	1.7	94
155	Catalysis by Polymer-Bound Rhodium Carbonyl Clusters. Selective Hydrogenation of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehydes to Allylic Alcohols in the Presence of H ₂ and CO. <i>Organometallics</i> , 1996, 15, 3247-3249.	1.1	21
156	Development of Hydrotalcite Catalysts in Heterogeneous Baeyer~Villiger Oxidation. <i>ACS Symposium Series</i> , 1996, , 300-318.	0.5	13
157	Catalysis of transition metal-functionalized hydrotalcites for the Baeyer-Villiger oxidation of ketones in the presence of molecular oxygen and benzaldehyde. <i>Journal of Molecular Catalysis A</i> , 1995, 102, 135-138.	4.8	78
158	Chemoselective reduction of nitro groups in the presence of olefinic, ester, and halogeno functions using a reducing agent of CO and H ₂ O catalyzed by Rh carbonyl clusters. <i>Journal of Molecular Catalysis</i> , 1994, 88, L267-L270.	1.2	34
159	Heterogeneous Baeyer~Villiger oxidation of ketones using an oxidant consisting of molecular oxygen and aldehydes in the presence of hydrotalcite catalysts. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 797-798.	2.0	63
160	Development of Organic Polymer-bound Metal Complex Catalysts.. <i>Sekiyu Gakkaishi (Journal of the)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.1	3
161	Selective generation of various rhodium carbonyl cluster anions in aminated polymers and their use as catalysts for the water-gas shift reaction and deoxygenation of various nitrogen-oxygen bonds. <i>Organometallics</i> , 1991, 10, 846-850.	1.1	22
162	Selective Deoxygenation of Various N~O Bonds Catalyzed by Rhodium Carbonyl Clusters in the Presence of H ₂ O and CO and Their Heterogenization Using Amino-Substituted Polystyrenes. <i>Bulletin of the Chemical Society of Japan</i> , 1991, 64, 602-612.	2.0	23

#	ARTICLE	IF	CITATIONS
163	Zr-CATALYZED OXIDATION OF ALCOHOLS TO ALDEHYDES IN THE PRESENCE OF <i>t</i> BuOOH. HIGH REACTIVITY FOR PRIMARY AND ALLYLIC HYDROXYL FUNCTIONS. <i>Chemistry Letters</i> , 1984, 13, 1481-1482.	0.7	33
164	Facile reduction of nitrobenzene using carbon monoxide and water catalyzed by rhodium carbonyl cluster-amine systems. <i>Journal of Molecular Catalysis</i> , 1981, 12, 385-387.	1.2	48
165	Vanadium-catalyzed epoxidation of cyclic allylic alcohols. Stereoselectivity and stereocontrol mechanism. <i>Journal of the American Chemical Society</i> , 1979, 101, 159-169.	6.6	255
166	Design of Well-Defined Active Sites on Crystalline Materials for Liquid-Phase Oxidations. , 0, , 157-183.		4