Ken Motokura

List of Publications by Year
in descending order

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Version: 2024-02-01

123 papers	4,503 citations	109137 35 h-index	114278 63 g-index
157 all docs	157 docs citations	157 times ranked	3796 citing authors

#	Article	IF	Citations
1	Organic group decorated heterogeneous Pd complex on mesoporous silica toward catalytic allylation in aqueous media. Catalysis Today, 2023, 411-412, 113829.	2.2	1
2	Mesoporous silica-supported rhodium complexes alongside organic functional groups for catalysing the 1,4-addition reaction of arylboronic acid in water. Green Chemistry, 2022, 24, 3269-3276.	4.6	6
3	Montmorillonite-based heterogeneous catalysts for efficient organic reactions. Nano Express, 2022, 3, 014004.	1.2	12
4	Rhodiumâ€“Iodide Complex on a Catalytically Active SiO₂ Surface for Oneâ€Pot Hydrosilylationâ€“CO₂ Cycloaddition. Chemistry - A European Journal, 2022, 28, .	1.7	3
5	Coexistence of Fe Nanoclusters Boosting Fe Single Atoms to Generate Singlet Oxygen for Efficient Aerobic Oxidation of Primary Amines to Imines. ACS Catalysis, 2022, 12, 5595-5604.	5.5	58
6	Catalytic reduction and reductive functionalisation of carbon dioxide with waste silicon from solar panel as the reducing agent. Energy Advances, 2022, 1, 385-390.	1.4	3
7	Modulating the Oxidation State of Titanium via Dual Anions Substitution for Efficient N₂ Electroreduction. Small, 2022, 18, .	5.2	16
8	Transition-metal-free reaction sequence on solid base: One-pot synthesis of quinoline derivatives catalyzed by Mg-Al hydrotalcite. Molecular Catalysis, 2022, 528, 112419.	1.0	2
9	Heterogeneous Organocatalysts for the Reduction of Carbon Dioxide with Silanes. ChemSusChem, 2021, 14, 281-292.	3.6	28
10	Reusable Silicaâ€Supported Ammonium BINSate Catalysts for Enantioâ€and Diastereoselective Friedelâ€“Craftsâ€Type Double Aminoalkylation of N â€Alkylpyrroles with Aldimines. Asian Journal of Organic Chemistry, 2021, 10, 360-365.	1.3	5
11	Dehydrogenative Coupling of Alkanes and Benzene Enhanced by Slurry-Phase Interparticle Hydrogen Transfer. Jacs Au, 2021, 1, 124-129.	3.6	15
12	Recent Advances in Heterogeneous Ir Complex Catalysts for Aromatic Câ€“H Borylation. Synthesis, 2021, 53, 3227-3234.	1.2	2
13	Porous FeO(OH) Dispersed on Mgâ€Al Hydrotalcite Surface for Oneâ€Pot Synthesis of Quinoline Derivatives. ChemCatChem, 2021, 13, 2915-2921.	1.8	9
14	Highly Efficient and Stable Atomically Dispersed Cu Catalyst for Azideâ€Alkyne Cycloaddition Reaction. ChemCatChem, 2021, 13, 3960-3966.	1.8	9
15	Enhanced Catalysis Based on the Surface Environment of the Silica-Supported Metal Complex. ACS Catalysis, 2021, 11, 11985-12018.	5.5	42
16	Probing the temperature of supported platinum nanoparticles under microwave irradiation by in situ and operando XAFS. Communications Chemistry, 2020, 3, .	2.0	26
17	Heterogeneous Supported Palladium Catalysts for Liquidâ€Phase Allylation of Nucleophiles. ChemPlusChem, 2020, 85, 2428-2437.	1.3	7
18	Controllable Factors of Supported Ir Complex Catalysis for Aromatic Câ€“H Borylation. ACS Catalysis, 2020, 10, 14552-14559.	5.5	10

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19	Accumulation of Active Species in Silica Mesopore: Effect of the Pore Size and Free Base Additives on Pdâ€catalyzed Allylation using Allylic Alcohol. ChemCatChem, 2020, 12, 2783-2791.	1.8	10
20	Direct Alkylation of Benzene at Lower Temperatures in the Liquid Phase: Catalysis by Montmorillonites as Nobleâ€Metalâ€Free Solid Acids. ChemPlusChem, 2020, 85, 450-453.	1.3	13
21	Organic bases catalyze the synthesis of urea from ammonium salts derived from recovered environmental ammonia. Scientific Reports, 2020, 10, 2834.	1.6	19
22	Recent Advances on Heterogeneous Metal Catalysts for Hydrosilylation of Olefins. Journal of the Japan Petroleum Institute, 2020, 63, 1-9.	0.4	14
23	A Resinâ€Supported Formate Catalyst for the Transformative Reduction of Carbon Dioxide with Hydrosilanes. Chemistry - A European Journal, 2020, 26, 7937-7945.	1.7	10
24	Mechanistic Investigations of Liquid-phase Direct Alkylation of Benzene with <i>n</i>-Heptane Using Proton-exchanged Montmorillonite Catalysts. Journal of the Japan Petroleum Institute, 2020, 63, 289-296.	0.4	5
25	Unexpected Formation of Triphenylborane from Phenylboronic Acid and Its Use as an Intermediate in Palladiumâ€Catalyzed Cross Coupling Reaction. ChemistrySelect, 2019, 4, 10501-10505.	0.7	0
26	Silica-supported Alkylammonium Formate Catalyst for Hydrosilylation of Carbon Dioxide. Chemistry Letters, 2019, 48, 1417-1420.	0.7	6
27	Formate-Catalyzed Selective Reduction of Carbon Dioxide to Formate Products Using Hydrosilanes. ACS Sustainable Chemistry and Engineering, 2019, 7, 11056-11061.	3.2	29
28	Influence of a Co-immobilized Tertiary Amine on the Structure and Reactivity of a Rh Complex: Accelerating Effect on Heterogeneous Hydrosilylation. Journal of Physical Chemistry C, 2019, 123, 14556-14563.	1.5	10
29	Rh-catalyzed 1,4-addition reactions of arylboronic acids accelerated by co-immobilized tertiary amine in silica mesopores. Molecular Catalysis, 2019, 472, 1-9.	1.0	3
30	Carbon Dioxide to Organic Compounds Assisted by Silanes: Successive Transformation of Silyl Formate to Various Products. Journal of the Japan Petroleum Institute, 2019, 62, 255-263.	0.4	5
31	Multifunctional Catalytic Surface Design for Concerted Acceleration of One-Pot Hydrosilylationâ€“CO2 Cycloaddition. Organic Letters, 2019, 21, 9372-9376.	2.4	13
32	Efficient Conversion of Carbon Dioxide with Siâ€Based Reducing Agents Catalyzed by Metal Complexes and Salts. Chemical Record, 2019, 19, 1199-1209.	2.9	11
33	Silica Support-Enhanced Pd-Catalyzed Allylation Using Allylic Alcohols. ChemCatChem, 2018, 10, 4476-4476.	1.8	1
34	Variable-Temperature XAFS Analysis of SiO2-Supported Pdâ€“Bisphosphine Complexes With/Without Co-immobilized Organic Functionality. Topics in Catalysis, 2018, 61, 1408-1413.	1.3	1
35	Catalytic Conversion of Biomass-Derived Carbohydrates to Methyl Lactate by Acidâ€“Base Bifunctional Î³-Al₂O₃. ACS Sustainable Chemistry and Engineering, 2018, 6, 8113-8117.	3.2	62
36	Effects of Mesopore Internal Surfaces on the Structure of Immobilized Pd-Bisphosphine Complexes Analyzed by Variable-Temperature XAFS and Their Catalytic Performances. Catalysts, 2018, 8, 106.	1.6	4

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37	Transformative reduction of carbon dioxide through organocatalysis with silanes. Green Chemistry, 2018, 20, 4834-4843.	4.6	62
38	Silica Supportâ€Enhanced Pdâ€Catalyzed Allylation Using Allylic Alcohols. ChemCatChem, 2018, 10, 4536-4544.	1.8	16
39	Mechanistic Insight into Biomass Conversion to Fiveâ€“membered Lactone Based on Computational and Experimental Analysis. ChemistrySelect, 2017, 2, 591-597.	0.7	5
40	Determination of the positions of aluminum atoms introduced into SSZ-35 and the catalytic properties of the generated BrÃ¸nsted acid sites. Physical Chemistry Chemical Physics, 2017, 19, 6508-6518.	1.3	1
41	SiO₂-Supported Rh Catalyst for Efficient Hydrosilylation of Olefins Improved by Simultaneously Immobilized Tertiary Amines. ACS Catalysis, 2017, 7, 4637-4641.	5.5	29
42	Reductive transformation of CO 2 : Fluoride-catalyzed reactions with waste silicon-based reducing agents. Chinese Journal of Catalysis, 2017, 38, 434-439.	6.9	10
43	Concerted Catalysis in Tight Spaces: Palladiumâ€Catalyzed Allylation Reactions Accelerated by Accumulated Active Sites in Mesoporous Silica. ChemCatChem, 2017, 9, 2924-2929.	1.8	22
44	Development of Multiactive Site Catalysts for Surface Concerted Catalysis Aimed at One-Pot Synthesis. Bulletin of the Chemical Society of Japan, 2017, 90, 137-147.	2.0	17
45	Catalytic Processes for Utilizing Carbohydrates Derived from Algal Biomass. Catalysts, 2017, 7, 163.	1.6	8
46	Concerted Catalysis on Surface: Acceleration of Organic Reactions by Bifunctional Catalysts Possessing Metal Complex, Metal Cation, and Organic Molecules. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2017, 75, 200-208.	0.0	0
47	Cascade Synthesis of Fiveâ€Membered Lactones using Biomassâ€Derived Sugars as Carbon Nucleophiles. Chemistry - an Asian Journal, 2016, 11, 1731-1737.	1.7	8
48	Influence of the Interaction between a Tin Catalyst and an Accelerator on the Formoseâ€Inspired Synthesis of Î±â€Hydroxyâ€Î³â€butyrolactone. ChemCatChem, 2016, 8, 1386-1391.	1.8	9
49	A Pdâ€“bisphosphine complex and organic functionalities immobilized on the same SiO₂ surface: detailed characterization and its use as an efficient catalyst for allylation. Catalysis Science and Technology, 2016, 6, 5380-5388.	2.1	24
50	Relationship between the Catalytic Activities of Acidic Protons in Aluminosilicate and Silicoaluminophosphate Molecular Sieves for n-Butane Cracking and Their ¹H Chemical Shifts Measured at the Reaction Temperature. Journal of Physical Chemistry C, 2016, 120, 9207-9217.	1.5	2
51	Experimental and computational studies of the roles of MgO and Zn in talc for the selective formation of 1,3-butadiene in the conversion of ethanol. Physical Chemistry Chemical Physics, 2016, 18, 25191-25209.	1.3	42
52	Direct Estimation of the Surface Location of Immobilized Functional Groups for Concerted Catalysis Using a Probe Molecule. Chemistry - A European Journal, 2016, 22, 5113-5117.	1.7	18
53	Coâ€Immobilization of a Palladiumâ€“Bisphosphine Complex and Strong Organic Base on a Silica Surface for Heterogeneous Synergistic Catalysis. ChemCatChem, 2016, 8, 331-335.	1.8	22
54	Reductive Transformation of CO2 with Hydrosilanes Catalyzed by Simple Fluoride and Carbonate Salts. Chemistry Letters, 2015, 44, 1217-1219.	0.7	68

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55	Silicone Wastes as Reducing Agents for Carbon Dioxide Transformation: Fluoride-catalyzed Formic Acid Synthesis from CO₂, H₂O, and Disilanes. Chemistry Letters, 2015, 44, 1464-1466.	0.7	20
56	Mechanistic Insight into a Sugarâ€Accelerated Tinâ€Catalyzed Cascade Synthesis of Î±â€Hydroxyâ€Î³â€butyrolactone from Formaldehyde. ChemSusChem, 2015, 8, 3661-3667.	3.6	7
57	Heterogeneous double-activation catalysis: Rh complex and tertiary amine on the same solid surface for the 1,4-addition reaction of aryl- and alkylboronic acids. Catalysis Science and Technology, 2015, 5, 2714-2727.	2.1	30
58	Influence of zeolite pore structure on product selectivities for protolysis and hydride transfer reactions in the cracking of n-pentane. Physical Chemistry Chemical Physics, 2015, 17, 5014-5032.	1.3	22
59	Mechanistic Studies on the Cascade Conversion of 1,3â€Dihydroxyacetone and Formaldehyde into Î±â€Hydroxyâ€Î³â€butyrolactone. ChemSusChem, 2015, 8, 853-860.	3.6	22
60	Discrimination of the prochiral hydrogens at the C-2 position of n-alkanes by the methane/ammonia monooxygenase family proteins. Organic and Biomolecular Chemistry, 2015, 13, 8261-8270.	1.5	4
61	Designating Oxygen Anions in Alâ€“ITQ-21 as BrÃ¸nsted Acid Sites Using DFT Calculations. Journal of Physical Chemistry C, 2015, 119, 16568-16577.	1.5	0
62	One-step catalytic conversion of ethanol into 1,3-butadiene using zinc-containing talc. Catalysis Communications, 2015, 68, 20-24.	1.6	40
63	Synergistic Catalysis by Multifunctionalized Solid Surfaces for Nucleophilic Addition Reactions. Journal of the Japan Petroleum Institute, 2014, 57, 95-108.	0.4	7
64	Multifunctional Solid Surfaces for Enhanced Catalysis. ChemCatChem, 2014, 6, 3067-3068.	1.8	12
65	Allylsilylation of alkenes catalyzed by H + -exchanged montmorillonite with water. Catalysis Today, 2014, 226, 141-149.	2.2	4
66	Zinc-Accelerated Cycloaddition of Carbon Dioxide to Styrene Oxide Catalyzed by Pyrrolidinopyridinium Iodides. Topics in Catalysis, 2014, 57, 953-959.	1.3	9
67	Surface Functionalization for Synergistic Catalysis: Silicaâ€“Aluminaâ€Supported Cationic Indium and Organic Base for Cyanoethoxycarbonylation. ChemPlusChem, 2014, 79, 1053-1058.	1.3	13
68	A method for the cyanation of alkenes using nitromethane as a source of cyano group mediated by proton-exchanged montmorillonite. Tetrahedron Letters, 2014, 55, 7034-7038.	0.7	5
69	Tin-catalyzed conversion of biomass-derived triose sugar and formaldehyde to Î±-hydroxy-Î³-butyrolactone. Chemical Communications, 2014, 50, 4600.	2.2	24
70	Mechanistic studies on the N-formylation of amines with CO2 and hydrosilane catalyzed by a Cuâ€“diphosphine complex. Tetrahedron, 2014, 70, 6951-6956.	1.0	39
71	Efficient Allylation of Nucleophiles Catalyzed by a Bifunctional Heterogeneous Palladium Complexâ€Tertiary Amine System. Advanced Synthesis and Catalysis, 2013, 355, 973-980.	2.1	37
72	Copper-diphosphine complex catalysts for N-formylation of amines under 1 atm of carbon dioxide with polymethylhydrosiloxane. Catalysis Science and Technology, 2013, 3, 2392.	2.1	93

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73	Selective production of ethylene and propylene via monomolecular cracking of pentene over proton-exchanged zeolites: Pentene cracking mechanism determined by spatial volume of zeolite cavity. Journal of Catalysis, 2013, 302, 101-114.	3.1	49
74	Identification and Catalytic Behavior of BrÃ¸nsted Acid Sites on Al-Containing ITQ-21. Journal of Physical Chemistry C, 2013, 117, 18074-18083.	1.5	4
75	Highly Active and Selective Catalysis of Copper Diphosphine Complexes for the Transformation of Carbon Dioxide into Silyl Formate. Chemistry - A European Journal, 2013, 19, 10030-10037.	1.7	99
76	Water-Accelerated Allylsilylation of Alkenes Using a Proton-Exchanged Montmorillonite Catalyst. ACS Catalysis, 2012, 2, 1942-1946.	5.5	19
77	Shape-Selective Catalysis Determined by the Volume of a Zeolite Cavity and the Reaction Mechanism for Propylene Production by the Conversion of Butene Using a Proton-Exchanged Zeolite. Journal of Physical Chemistry C, 2012, 116, 5182-5196.	1.5	45
78	Temperature Effect on ¹H Chemical Shift of Hydroxyl Groups in Zeolites and Their Catalytic Activities as Solid Acids. Journal of Physical Chemistry C, 2012, 116, 14551-14560.	1.5	16
79	Proton Exchange Reaction between Hydroxyl Groups in the Supercage and Those in the Sodalitecage of Y Zeolite As Studied by Variable Temperature1H MAS NMR. Journal of Physical Chemistry C, 2012, 116, 17734-17738.	1.5	7
80	Copper-Catalyzed Formic Acid Synthesis from CO₂ with Hydrosilanes and H₂O. Organic Letters, 2012, 14, 2642-2645.	2.4	160
81	An atom-efficient synthetic method: carbosilylations of alkenes, alkynes, and cyclic acetals using Lewis and BrÃ¸nsted acid catalysts. Green Chemistry, 2012, 14, 565.	4.6	33
82	Heterogeneous Synergistic Catalysis by a Palladium Complex and an Amine on a Silica Surface for Acceleration of the Tsujiâ€“Trost Reaction. Angewandte Chemie - International Edition, 2012, 51, 8017-8020.	7.2	57
83	Effect of morphology and particle size of ZSM-5 on catalytic performance for ethylene conversion and heptane cracking. Journal of Catalysis, 2012, 289, 53-61.	3.1	103
84	Rhodium-grafted hydrotalcite catalyst for heterogeneous 1,4-addition reaction of organoboron reagents to electron deficient olefins. Green Chemistry, 2011, 13, 2416.	4.6	23
85	Catalytic synthesis of homoallyloxyalcohols and 1,2-bis(homoallyloxy)ethanes through ring-opening allylation of cyclic acetals with allylsilanes over solid acids. Catalysis Science and Technology, 2011, 1, 470.	2.1	8
86	Solvent-induced selectivity switching: intermolecular allylsilylation, arylsilylation, and silylation of alkynes over montmorillonite catalyst. Tetrahedron Letters, 2011, 52, 6687-6692.	0.7	13
87	â€œLigandâ€Consumingâ€•Formation of Rhodiumâ€Hydride Species from [Rh(OH)(cod)]₂ Without any Additional Hydride Sources for Catalytic Olefin Isomerizations and Cyclobutene Synthesis. ChemCatChem, 2011, 3, 1419-1421.	1.8	24
88	The substrate binding cavity of particulate methane monooxygenase from Methylosinus trichosporium OB3b expresses high enantioselectivity for n-butane and n-pentane oxidation to 2-alcohol. Biotechnology Letters, 2011, 33, 2241-2246.	1.1	18
89	Heterogeneous Allylsilylation of Aromatic and Aliphatic Alkenes Catalyzed by Proton-Exchanged Montmorillonite. Organic Letters, 2010, 12, 1508-1511.	2.4	34
90	Key role of the pore volume of zeolite for selective production of propylene from olefins. Physical Chemistry Chemical Physics, 2010, 12, 2541.	1.3	77

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91	Catalytic ring-opening allylation of cyclic acetals with allylsilanes using silica-alumina. Green Chemistry, 2010, 12, 1373.	4.6	11
92	Bifunctional Heterogeneous Catalysis of Silicaâ€“Aluminaâ€Supported Tertiary Amines with Controlled Acidâ€“Base Interactions for Efficient 1,4â€Addition Reactions. Chemistry - A European Journal, 2009, 15, 10871-10879.	1.7	35
93	Michael Reactions Catalyzed by Basic Alkylamines and Dialkylaminopyridine Immobilized on Acidic Silicaâ€“Alumina Surfaces. Topics in Catalysis, 2009, 52, 579-585.	1.3	17
94	Creation of acidâ€“base bifunctional catalysis for efficient CC coupling reactions by amines immobilization on SiO2, silica-alumina, and nano-H-ZSM-5. Catalysis Today, 2009, 141, 19-24.	2.2	21
95	Organofunctionalized catalyst surfaces highly active and selective for carbonâ€“carbon bond-forming reactions. Catalysis Today, 2009, 147, 203-210.	2.2	16
96	Layered Materials with Coexisting Acidic and Basic Sites for Catalytic One-Pot Reaction Sequences. Journal of the American Chemical Society, 2009, 131, 7944-7945.	6.6	122
97	Influence of Si distribution in framework of SAPO-34 and its particle size on propylene selectivity and production rate for conversion of ethylene to propylene. Physical Chemistry Chemical Physics, 2009, 11, 9268.	1.3	62
98	Silica-supported aminopyridinium halides for catalytic transformations of epoxides to cyclic carbonates under atmospheric pressure of carbon dioxide. Green Chemistry, 2009, 11, 1876.	4.6	156
99	Conceptual Integration of Homogeneous and Heterogeneous Catalyses. Topics in Catalysis, 2008, 48, 32-40.	1.3	25
100	Acidâ€“Base Bifunctional Catalysis of Silicaâ€“Aluminaâ€Supported Organic Amines for Carbonâ€“Carbon Bondâ€Forming Reactions. Chemistry - A European Journal, 2008, 14, 4017-4027.	1.7	73
101	Cooperative Catalysis of Primary and Tertiary Amines Immobilized on Oxide Surfaces for Oneâ€Pot Cï£¿C Bond Forming Reactions. Angewandte Chemie - International Edition, 2008, 47, 9230-9235.	7.2	101
102	Photoinduced Reversible Structural Transformation and Selective Oxidation Catalysis of Unsaturated Ruthenium Complexes Supported on SiO₂. Angewandte Chemie - International Edition, 2008, 47, 9252-9255.	7.2	24
103	Acidâ€“Base Bifunctional Catalytic Surfaces for Nucleophilic Addition Reactions. Chemistry - an Asian Journal, 2008, 3, 1230-1236.	1.7	61
104	Hydrotalcite-bound ruthenium as a multifunctional heterogeneous catalyst for one-pot synthesis of Î±-alkylated nitriles and quinolines. Research on Chemical Intermediates, 2008, 34, 475-486.	1.3	5
105	Recyclable indium catalysts for additions of 1,3-dicarbonyl compounds to unactivated alkynes affected by structure and acid strength of solid supports. Green Chemistry, 2008, 10, 1231.	4.6	17
106	Heterogeneous Organic Base-Catalyzed Reactions Enhanced by Acid Supports. Journal of the American Chemical Society, 2007, 129, 9540-9541.	6.6	136
107	Nucleophilic Substitution Reactions of Alcohols with Use of Montmorillonite Catalysts as Solid BrÃ¸nsted Acids. Journal of Organic Chemistry, 2007, 72, 6006-6015.	1.7	198
108	Efficient Câ^'N Bond Formations Catalyzed by a Proton-Exchanged Montmorillonite as a Heterogeneous BrÃ¸nsted Acid. Organic Letters, 2006, 8, 4617-4620.	2.4	111

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109	Reconstructed Hydrotalcite as a Highly Active Heterogeneous Base Catalyst for Carbonâ"Carbon Bond Formations in the Presence of Water. Journal of Organic Chemistry, 2006, 71, 5440-5447.	1.7	147
110	A rhodium-grafted hydrotalcite as a highly efficient heterogeneous catalyst for 1,4-addition of organoboron reagents to Î±,Î²-unsaturated carbonyl compounds. Tetrahedron Letters, 2006, 47, 5083-5087.	0.7	22
111	Highly efficient heterogeneous acylations of aromatic compounds with acid anhydrides and carboxylic acids by montmorillonite-enwrapped titanium as a solid acid catalyst. Research on Chemical Intermediates, 2006, 32, 305-315.	1.3	12
112	Environmentally Friendly One-Pot Synthesis of Î±-Alkylated Nitriles Using Hydrotalcite-Supported Metal Species as Multifunctional Solid Catalysts. Chemistry - A European Journal, 2006, 12, 8228-8239.	1.7	118
113	BrÃ¸nsted Acid Mediated Heterogeneous Addition Reaction of 1,3-Dicarbonyl Compounds to Alkenes and Alcohols. Angewandte Chemie - International Edition, 2006, 45, 2605-2609.	7.2	136
114	One-pot synthesis of Î±-alkylated nitriles with carbonyl compounds through consecutive aldol reaction/hydrogenation using a hydrotalcite-supported palladium nanoparticle as a multifunctional heterogeneous catalyst. Tetrahedron Letters, 2005, 46, 5507-5510.	0.7	56
115	Heterotrimetallic RuMnMn Species on a Hydrotalcite Surface as Highly Efficient Heterogeneous Catalysts for Liquid-Phase Oxidation of Alcohols with Molecular Oxygen. Angewandte Chemie - International Edition, 2005, 44, 3423-3426.	7.2	101
116	An Acidic Layered Clay Is Combined with a Basic Layered Clay for One-Pot Sequential Reactions.. ChemInform, 2005, 36, no.	0.1	0
117	One-Pot Synthesis of Î±-Alkylated Nitriles with Carbonyl Compounds Through Consecutive Aldol Reaction/Hydrogenation Using a Hydrotalcite-Supported Palladium Nanoparticle as a Multifunctional Heterogeneous Catalyst.. ChemInform, 2005, 36, no.	0.1	0
118	An Acidic Layered Clay Is Combined with A Basic Layered Clay for One-Pot Sequential Reactions. Journal of the American Chemical Society, 2005, 127, 9674-9675.	6.6	182
119	A Ruthenium-Grafted Hydrotalcite as a Multifunctional Catalyst for Direct Î±-Alkylation of Nitriles with Primary Alcohols.. ChemInform, 2004, 35, no.	0.1	0
120	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.. ChemInform, 2004, 35, no.	0.1	0
121	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. Tetrahedron Letters, 2004, 45, 6029-6032.	0.7	118
122	A Ruthenium-Grafted Hydrotalcite as a Multifunctional Catalyst for Direct Î±-Alkylation of Nitriles with Primary Alcohols. Journal of the American Chemical Society, 2004, 126, 5662-5663.	6.6	248
123	Fluoride Catalysts and Organic Additives for Conversion of CO ₂ to Formic Acid and Methanol using Powdered Silicon as Reducing Agent. Asian Journal of Organic Chemistry, 0, , .	1.3	1