# Katsutoshi Nagaoka

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 112 papers | 4,072 citations | 136740 32 h-index | 123241 61 g-index |
| 120 all docs | 120 docs citations | 120 times ranked | 4084 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Titania-supported cobalt and nickel bimetallic catalysts for carbon dioxide reforming of methane. Journal of Catalysis, 2005, 232, 268-275. | 3.1 | 396 |
| 2 | Discovery of Face-Centered-Cubic Ruthenium Nanoparticles: Facile Size-Controlled Synthesis Using the Chemical Reduction Method. Journal of the American Chemical Society, 2013, 135, 5493-5496. | 6.6 | 290 |
| 3 | Solid Solution Alloy Nanoparticles of Immiscible Pd and Ru Elements Neighboring on Rh: Changeover of the Thermodynamic Behavior for Hydrogen Storage and Enhanced CO-Oxidizing Ability. Journal of the American Chemical Society, 2014, 136, 1864-1871. | 6.6 | 229 |
| 4 | Carbon Deposition during Carbon Dioxide Reforming of Methaneâ€”Comparison between Pt/Al2O3 and Pt/ZrO2. Journal of Catalysis, 2001, 197, 34-42. | 3.1 | 183 |
| 5 | A low-crystalline ruthenium nano-layer supported on praseodymium oxide as an active catalyst for ammonia synthesis. Chemical Science, 2017, 8, 674-679. | 3.7 | 149 |
| 6 | Modification of Co/TiO2 for dry reforming of methane at 2MPa by Pt, Ru or Ni. Applied Catalysis A: General, 2004, 268, 151-158. | 2.2 | 145 |
| 7 | Efficient ammonia synthesis over a Ru/La<sub>0.5</sub>Ce<sub>0.5</sub>O<sub>1.75</sub>catalyst pre-reduced at high temperature. Chemical Science, 2018, 9, 2230-2237. | 3.7 | 142 |
| 8 | Influence of reduction temperature on the catalytic behavior of Co/TiO2 catalysts for CH4/CO2 reforming and its relation with titania bulk crystal structure. Journal of Catalysis, 2005, 230, 75-85. | 3.1 | 117 |
| 9 | Methane autothermal reforming with and without ethane over mono- and bimetal catalysts prepared from hydrotalcite precursors. Journal of Catalysis, 2005, 229, 185-196. | 3.1 | 106 |
| 10 | Titania supported ruthenium as a coking-resistant catalyst for high pressure dry reforming of methane. Catalysis Communications, 2001, 2, 255-260. | 1.6 | 95 |
| 11 | Solid-Solution Alloying of Immiscible Ru and Cu with Enhanced CO Oxidation Activity. Journal of the American Chemical Society, 2017, 139, 4643-4646. | 6.6 | 94 |
| 12 | Influence of the reduction temperature on catalytic activity of Co/TiO2 (anatase-type) for high pressure dry reforming of methane. Applied Catalysis A: General, 2003, 255, 13-21. | 2.2 | 86 |
| 13 | Oxidative Activation ofn-Butane on Sulfated Zirconia. Journal of the American Chemical Society, 2005, 127, 16159-16166. | 6.6 | 86 |
| 14 | Carbon-free H <sub>2</sub> production from ammonia triggered at room temperature with an acidic RuO <sub>2</sub> /Î³-Al <sub>2</sub> O <sub>3</sub> catalyst. Science Advances, 2017, 3, e1602747. | 4.7 | 78 |
| 15 | Labile sulfates as key components in active sulfated zirconia for n-butane isomerization at low temperatures. Journal of Catalysis, 2004, 227, 130-137. | 3.1 | 76 |
| 16 | The Pr promotion effect on oxygen storage capacity of Ceâ€“Pr oxides studied using a TAP reactor. Applied Catalysis A: General, 2007, 329, 86-92. | 2.2 | 73 |
| 17 | Influence of basic dopants on the activity of Ru/Pr6O11 for hydrogen production by ammonia decomposition. International Journal of Hydrogen Energy, 2014, 39, 20731-20735. | 3.8 | 65 |
| 18 | Influence of the phase composition of titania on catalytic behavior of Co/TiO2 for the dry reforming of methane. Chemical Communications, 2002, , 1006-1007. | 2.2 | 64 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Synthesis of highly active sulfated zirconia by sulfation with SO3. Journal of Catalysis, 2006, 238, 39-45. | 3.1 | 61 |
| 20 | Ru/La<sub>0.5</sub>Pr<sub>0.5</sub>O<sub>1.75</sub> Catalyst for Low-Temperature Ammonia Synthesis. ACS Sustainable Chemistry and Engineering, 2018, 6, 17258-17266. | 3.2 | 57 |
| 21 | Title is missing!. Catalysis Letters, 2000, 70, 109-116. | 1.4 | 56 |
| 22 | Improved resistance against coke deposition of titania supported cobalt and nickel bimetallic catalysts for carbon dioxide reforming of methane. Catalysis Letters, 2005, 102, 153-157. | 1.4 | 56 |
| 23 | Surface Dynamics for Creating Highly Active Ru Sites for Ammonia Synthesis: Accumulation of a Low-Crystalline, Oxygen-Deficient Nanofraction. ACS Sustainable Chemistry and Engineering, 2020, 8, 2726-2734. | 3.2 | 50 |
| 24 | Supported Ni catalysts prepared from hydrotalcite-like compounds for the production of hydrogen by ammonia decomposition. International Journal of Hydrogen Energy, 2017, 42, 6610-6617. | 3.8 | 49 |
| 25 | Catalytic activity of rare earth phosphates for SF6 decomposition and promotion effects of rare earths added into AlPO4. Journal of Colloid and Interface Science, 2009, 332, 136-144. | 5.0 | 48 |
| 26 | A CO Adsorption Site Change Induced by Copper Substitution in a Ruthenium Catalyst for Enhanced CO Oxidation Activity. Angewandte Chemie - International Edition, 2019, 58, 2230-2235. | 7.2 | 48 |
| 27 | Oxidative dehydrogenation of isobutane to isobutene III. Applied Catalysis A: General, 2005, 296, 63-69. | 2.2 | 44 |
| 28 | Interaction between sulfated zirconia and alkanes: prerequisites for active sitesâ€”formation and stability of reaction intermediates. Journal of Catalysis, 2005, 230, 214-225. | 3.1 | 44 |
| 29 | Mechanism of butane skeletal isomerization on sulfated zirconia. Journal of Catalysis, 2005, 232, 456-466. | 3.1 | 44 |
| 30 | A Synthetic Pseudo-Rh: NOx Reduction Activity and Electronic Structure of Pdâ€“Ru Solid-solution Alloy Nanoparticles. Scientific Reports, 2016, 6, 28265. | 1.6 | 44 |
| 31 | Metal Phosphate Catalysts Effective for Degradation of Sulfur Hexafluoride. Industrial & Engineering Chemistry Research, 2009, 48, 632-640. | 1.8 | 39 |
| 32 | Highly Active Cs2O/Ru/Pr6O11 as a Catalyst for Ammonia Decomposition. Chemistry Letters, 2010, 39, 918-919. | 0.7 | 37 |
| 33 | Kinetics of ammonia synthesis over Ru/Pr2O3. Journal of the Taiwan Institute of Chemical Engineers, 2019, 105, 50-56. | 2.7 | 35 |
| 34 | Influence of the Crystal Structure of Titanium Oxide on the Catalytic Activity of Rh/TiO<sub>2</sub> in Steam Reforming of Propane at Low Temperature. Chemistry - A European Journal, 2018, 24, 8742-8746. | 1.7 | 28 |
| 35 | Barium Oxide Encapsulating Cobalt Nanoparticles Supported on Magnesium Oxide: Active Non-Noble Metal Catalysts for Ammonia Synthesis under Mild Reaction Conditions. ACS Catalysis, 2021, 11, 13050-13061. | 5.5 | 28 |
| 36 | Firstâ€Principles Calculation, Synthesis, and Catalytic Properties of Rhâ€Cu Alloy Nanoparticles. Chemistry - A European Journal, 2017, 23, 57-60. | 1.7 | 26 |

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|---|---|---|---|
| 37 | One-pot synthesis of pyrrolidones from levulinic acid and amines/nitroarenes/nitriles over the Ir-PVP catalyst. Green Chemistry, 2020, 22, 7760-7764. | 4.6 | 26 |
| 38 | The Effect of SnO2Addition to Li/MgO Catalysts for the Oxidative Coupling of Methane. Journal of Catalysis, 1999, 181, 160-164. | 3.1 | 25 |
| 39 | Hydrogen Production from Bioethanol: Oxidative Steam Reforming of Aqueous Ethanol Triggered by Oxidation of Ni/Ce<sub>0.5</sub>Zr<sub>0.5</sub>O<sub>2âˆ’<i>x</i></sub> at Low Temperature. ChemSusChem, 2010, 3, 1364-1366. | 3.6 | 25 |
| 40 | Dual Lewis Acidic/Basic Pd<sub>0.5</sub>Ru<sub>0.5</sub>â€“Poly(<i>N</i>â€vinylâ€2â€pyrrolidone) Alloyed Nanoparticle: Outstanding Catalytic Activity and Selectivity in Suzukiâ€“Miyaura Crossâ€Coupling Reaction. ChemCatChem, 2015, 7, 3887-3894. | 1.8 | 25 |
| 41 | Influence of support on catalytic behavior of nickel catalysts in oxidative steam prereforming of n-butane for fuel cell applications. Applied Catalysis A: General, 2007, 327, 139-146. | 2.2 | 24 |
| 42 | n-C4H10 autothermal reforming over MgO-supported base metal catalysts. International Journal of Hydrogen Energy, 2009, 34, 333-342. | 3.8 | 24 |
| 43 | Ammonia synthesis over lanthanoid oxideâ€“supported ruthenium catalysts. Catalysis Today, 2021, 376, 36-40. | 2.2 | 24 |
| 44 | Boosting Ammonia Synthesis under Mild Reaction Conditions by Precise Control of the Basic Oxideâ€“Ru Interface. Chemistry Letters, 2021, 50, 687-696. | 0.7 | 24 |
| 45 | Preparation and characterization of active Ni/MgO in oxidative steam reforming of n-C4H10. International Journal of Hydrogen Energy, 2010, 35, 5393-5399. | 3.8 | 22 |
| 46 | Highly Stable and Active Solidâ€Solutionâ€Alloy Threeâ€Way Catalyst by Utilizing Configurationalâ€Entropy Effect. Advanced Materials, 2021, 33, e2005206. | 11.1 | 22 |
| 47 | Synthesis and catalytic application of PVP-coated Ru nanoparticles embedded in a porous metalâ€“organic framework. Dalton Transactions, 2014, 43, 11295-11298. | 1.6 | 21 |
| 48 | Metal phosphate and fluoride catalysts active for hydrolysis of NF3. Catalysis Communications, 2009, 11, 147-150. | 1.6 | 20 |
| 49 | Influence of calcination procedure on the catalytic property of sulfated zirconia. Catalysis Letters, 2007, 113, 34-40. | 1.4 | 18 |
| 50 | Effect of the nature of rhodium catalyst supports on initiation of H2 production during n-butane oxidative reforming at room temperature. Journal of Catalysis, 2012, 287, 86-92. | 3.1 | 18 |
| 51 | Selective Hydrogenation of Nitriles to Secondary Imines over Rh-PVP Catalyst under Mild Conditions. Chemistry Letters, 2018, 47, 938-940. | 0.7 | 18 |
| 52 | Nonequilibrium Flow-Synthesis of Solid-Solution Alloy Nanoparticles: From Immiscible Binary to High-Entropy Alloys. Journal of Physical Chemistry C, 2021, 125, 458-463. | 1.5 | 18 |
| 53 | Highly active Ni/MgO in oxidative steam pre-reforming of n-butane for fuel cell application. Catalysis Communications, 2007, 8, 1807-1810. | 1.6 | 17 |
| 54 | Recyclable Rh-PVP nanoparticles catalyzed hydrogenation of benzoic acid derivatives and quinolines under solvent-free conditions. Catalysis Communications, 2019, 126, 55-60. | 1.6 | 16 |

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|---|---|---|---|
| 55 | Rh/Ce<sub>0.25</sub>Zr<sub>0.75</sub>O<sub>2</sub> Catalyst for Steam Reforming of Propane at Low Temperature. ChemCatChem, 2019, 11, 1472-1479. | 1.8 | 16 |
| 56 | Facile Synthesis of Size-controlled Rh Nanoparticles via Microwave-assisted Alcohol Reduction and Their Catalysis of CO Oxidation. Chemistry Letters, 2017, 46, 1254-1257. | 0.7 | 16 |
| 57 | Improvement of Pt/ZrO2 by CeO2 for high pressure CH4/CO2 reforming. Catalysis Letters, 2005, 99, 97-100. | 1.4 | 15 |
| 58 | Oxidation of isobutane over complex oxides containing V, Nb, Ta, and Mo under aerobic and anaerobic reaction conditions. Applied Catalysis A: General, 2005, 283, 209-216. | 2.2 | 14 |
| 59 | Synthesis and characterization of a series of mesoporous nanocrystalline lanthanides phosphate. Journal of Porous Materials, 2006, 13, 237-244. | 1.3 | 14 |
| 60 | Oxidative Reforming of <i>n</i>-Butane Triggered by Spontaneous Oxidation of CeO<sub>2âˆ'<i>x</i></sub> at Ambient Temperature. Chemistry of Materials, 2008, 20, 4176-4178. | 3.2 | 14 |
| 61 | Coreduction methodology for immiscible alloys of CuRu solid-solution nanoparticles with high thermal stability and versatile exhaust purification ability. Chemical Science, 2020, 11, 11413-11418. | 3.7 | 13 |
| 62 | Electronic Structure Evolution with Composition Alteration of RhxCuy Alloy Nanoparticles. Scientific Reports, 2017, 7, 41264. | 1.6 | 12 |
| 63 | Ptâ€"Co Alloy Nanoparticles on a Î³â€Al<sub>2</sub>O<sub>3</sub> Support: Synergistic Effect between Isolated Electronâ€Rich Pt and Co for Automotive Exhaust Purification. ChemPlusChem, 2019, 84, 447-456. | 1.3 | 12 |
| 64 | Promotion mechanism of co-existing NaCl in the synthesis of CaCO3. Materials Letters, 2007, 61, 3083-3085. | 1.3 | 11 |
| 65 | A CO Adsorption Site Change Induced by Copper Substitution in a Ruthenium Catalyst for Enhanced CO Oxidation Activity. Angewandte Chemie, 2019, 131, 2252-2257. | 1.6 | 11 |
| 66 | Oxidation of Ru/Ce<sub>0.5</sub>Zr<sub>0.5</sub>O<sub>2â€"<i>x</i></sub> at Ambient Temperature as a Trigger for Carbon-Free H<sub>2</sub> Production by Ammonia Oxidative Decomposition. ACS Sustainable Chemistry and Engineering, 2020, 8, 13369-13376. | 3.2 | 11 |
| 67 | Effect of Calcination and Reduction Temperatures on the Catalytic Activity of Ru/La<sub>0.5</sub>Ce<sub>0.5</sub>O<sub>1.75</sub> for Ammonia Synthesis under Mild Conditions. Energy Technology, 2020, 8, 2000264. | 1.8 | 11 |
| 68 | Pr<sub>2</sub>O<sub>3</sub> Supported Nanoâ€layered Ruthenium Catalyzed Acceptorless Dehydrogenative Synthesis of 2â€Substituted Quinolines and 1,8â€Naphthyridines from 2â€Aminoaryl Alcohols and Ketones. ChemCatChem, 2020, 12, 2198-2202. | 1.8 | 11 |
| 69 | Chemoselective hydrogenation of heteroarenes and arenes by Pdâ€"Ruâ€"PVP under mild conditions. RSC Advances, 2020, 10, 44191-44195. | 1.7 | 11 |
| 70 | Mechanism of Carbon Deposit/Removal in Methane Dry Reforming on Supported Metal Catalysts. Studies in Surface Science and Catalysis, 2001, 136, 129-134. | 1.5 | 10 |
| 71 | Direct high-purity hydrogen production from ammonia by using a membrane reactor combining V-10mol%Fe hydrogen permeable alloy membrane with Ru/Cs2O/Pr6O11 ammonia decomposition catalyst. International Journal of Hydrogen Energy, 2022, 47, 8372-8381. | 3.8 | 10 |
| 72 | Effect of Additives on the Stability of Pd/Al2O3for Carbon Dioxide Reforming of Methane. Bulletin of the Chemical Society of Japan, 2001, 74, 1841-1846. | 2.0 | 9 |

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|---|---|---|---|
| 73 | Novel tough catalyst supports for reactions involving HF. Applied Catalysis A: General, 2005, 283, 47-52. | 2.2 | 9 |
| 74 | Synthesis and characterization of molybdenum incorporated mesoporous aluminophosphate. Applied Surface Science, 2006, 252, 6260-6268. | 3.1 | 9 |
| 75 | Oxidative reforming of n-C4H10 triggered at ambient temperature over reduced Ni/CeO2. Catalysis Communications, 2009, 10, 1478-1481. | 1.6 | 9 |
| 76 | Co/TiO2 catalyst for high pressure dry reforming of methane and its modification by other metals. Studies in Surface Science and Catalysis, 2004, 147, 187-192. | 1.5 | 8 |
| 77 | Ni/(Rare Earth Phosphate) as a New Effective Catalyst for Autothermal Reforming of Methane. Chemistry Letters, 2006, 35, 580-581. | 0.7 | 8 |
| 78 | Preparation of mesoporous nanocrystalline cerium phosphate with controllable pore size by using chelating agent. Materials Chemistry and Physics, 2006, 97, 494-500. | 2.0 | 8 |
| 79 | Anaerobic oxidation of isobutane: Catalytic properties of MgV2O6 and Mg2V2O7 prepared by the molten method. Journal of Molecular Catalysis A, 2008, 280, 164-172. | 4.8 | 8 |
| 80 | Cr<sup>3+</sup>â€“Co<sub>0.054</sub>Ni<sub>0.018</sub>Mg<sub>0.93</sub>O Solid-Solution Catalysts for High-Pressure Syngas Production: Effect of Chromium on the Reduction and Catalysis. ACS Catalysis, 2013, 3, 1564-1572. | 5.5 | 8 |
| 81 | Anaerobic oxidation of isobutane. Journal of Molecular Catalysis A, 2006, 248, 61-69. | 4.8 | 7 |
| 82 | Oxidation of Rh/Ce<sub>0.5</sub>Zr<sub>0.5</sub>O<sub>2</sub> Reduced under Mild Conditions as an Initiator of <i>n</i>â€Butane Oxidative Reforming at Ambient Temperature. ChemSusChem, 2009, 2, 1032-1035. | 3.6 | 7 |
| 83 | Mono-atomically dispersed Pd on TiO2 as a catalyst for epoxidation of light olefins at low temperatures in the presence of H2 and O2. Catalysis Communications, 2011, 12, 1396-1400. | 1.6 | 7 |
| 84 | Monoatomically dispersed Pd/TiO2 catalyst effective for epoxidation of propylene at ambient temperature in the presence of H2 and O2. Journal of Molecular Catalysis A, 2012, 358, 89-98. | 4.8 | 7 |
| 85 | Effect of the Nature of the CeO<sub>2</sub> Support of the Rh Catalyst on Triggering the Oxidative Reforming of <i>n</i>â€Butane for H<sub>2</sub> Production from Ambient Temperature. ChemCatChem, 2014, 6, 784-789. | 1.8 | 7 |
| 86 | Nitrile hydrogenation to secondary amines under ambient conditions over palladiumâ€“platinum random alloy nanoparticles. Catalysis Science and Technology, 2022, 12, 4128-4137. | 2.1 | 7 |
| 87 | Innovative technique for correction of the congenital lop ear. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2006, 59, 494-498. | 0.5 | 6 |
| 88 | Catalytic behavior of Ni/ZrxTi1âˆ’xO2 and the effect of SiO2 doping in oxidative steam reforming of n-butane. International Journal of Hydrogen Energy, 2009, 34, 8046-8052. | 3.8 | 6 |
| 89 | Preparation of Noble-metal Nanoparticles by Microwave-assisted Chemical Reduction and Evaluation as Catalysts for Nitrile Hydrogenation under Ambient Conditions. Journal of the Japan Petroleum Institute, 2019, 62, 220-227. | 0.4 | 6 |
| 90 | Active site generation by water for the activation of methane over non-reducible oxide catalysts: A study of MgO system. Studies in Surface Science and Catalysis, 1998, , 283-288. | 1.5 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Decomposition of Chlorobenzene over Phosphate and Sulfate Catalysts Properties. Bulletin of the Chemical Society of Japan, 2006, 79, 145-148. | 2.0 | 5 |
| 92 | Synthesis of Mesoporous, Nanocrystalline Lanthanum Phosphate in the Presence of Citric Acid and Stearic Acid. Journal of Rare Earths, 2007, 25, 684-691. | 2.5 | 5 |
| 93 | Photocatalytic chemoselective cleavage of Câ€“O bonds under hydrogen gas- and acid-free conditions. Chemical Communications, 2018, 54, 7298-7301. | 2.2 | 5 |
| 94 | Operando Spectroscopic Study of the Dynamics of Ru Catalyst during Preferential Oxidation of CO and the Prevention of Ammonia Poisoning by Pt. Jacs Au, 0, , . | 3.6 | 5 |
| 95 | Redox properties of CeO2 and Pt-Rh/CeO2 studied by TAP method. Catalysis Letters, 2006, 111, 169-171. | 1.4 | 4 |
| 96 | Synthesis of Ni3C Nano-whisker from NiSO4and Sucrose by Means of Spray Pyrolysis. Chemistry Letters, 2007, 36, 512-513. | 0.7 | 4 |
| 97 | Anaerobic oxidation of isobutane. Applied Catalysis A: General, 2008, 345, 65-72. | 2.2 | 4 |
| 98 | A novel nanotube of composite of calcium carbonate and calcium sulfate. Materials Letters, 2009, 63, 322-324. | 1.3 | 4 |
| 99 | Combined theoretical and experimental studies of CO oxidation on PdRu nanoalloys. Applied Catalysis A: General, 2018, 568, 176-182. | 2.2 | 4 |
| 100 | One-pot synthesis of cyclohexylamine and N-aryl pyrroles via hydrogenation of nitroarenes over the Pd0.5Ru0.5-PVP catalyst. New Journal of Chemistry, 2021, 45, 9743-9746. | 1.4 | 4 |
| 101 | Synthesis of a thermally stable mesoporous aluminophosphate by using sodium aluminate as precursor. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 268, 40-44. | 2.3 | 3 |
| 102 | Addition of Al2O3 or Cr2O3 Promotes Metal Reduction in a CoOâ€“NiOâ€“MgO Solid Solution Catalyst for CH4/H2O Reforming. Chemistry Letters, 2008, 37, 982-983. | 0.7 | 3 |
| 103 | Initiation of Oxidative Reforming of Butane over Praseodymium Oxide Supported Ni Catalysts at Ambient Temperature. Journal of the Japan Petroleum Institute, 2009, 52, 295-296. | 0.4 | 3 |
| 104 | Co Nanoparticle Catalysts Encapsulated by BaOâ€“La<sub>2</sub>O<sub>3</sub> Nanofractions for Efficient Ammonia Synthesis Under Mild Reaction Conditions. ACS Omega, 2022, 7, 24452-24460. | 1.6 | 3 |
| 105 | Oxidative Steam Reforming of Ethanol over Supported Ni Catalysts at Relatively Low Temperature. Journal of the Japan Petroleum Institute, 2011, 54, 331-337. | 0.4 | 2 |
| 106 | Formation of Single Crystal of Hofmann Clathrate, Ni(NH3)2Ni(CN)4Â·0.5H2O, at Higher Temperature by Means of Spray Pyrolysis of Sucrose and Nickel Nitrate. Chemistry Letters, 2007, 36, 756-757. | 0.7 | 1 |
| 107 | Inhibition of Ammonia Poisoning by Addition of Platinum to Ru/Î±â€Al<sub>2</sub>O<sub>3</sub> for Preferential CO Oxidation in Fuel Cells. ChemSusChem, 2014, 7, 3264-3267. | 3.6 | 1 |
| 108 | Rh-PVP Catalyzed Reductive Amination of Phenols by Ammonia or Amines to Cyclohexylamines under Solvent-free Conditions. Chemistry Letters, 2022, 51, 81-84. | 0.7 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | The Effect of Ru Precursor and Support on the Hydrogenation of Aromatic Aldehydes/Ketones to Alcohols. ChemCatChem, 2022, 14, . | 1.8 | 1 |
| 110 | Development of Efficient Cold-start Process for Oxidative Reforming of <i>n</i>-Butane for Fuel Cell Applications. Journal of the Japan Petroleum Institute, 2015, 58, 274-284. | 0.4 | 0 |
| 111 | B21-P-01STEM study of bimetallic Pd-Ru nanoparticles. Microscopy (Oxford, England), 2015, 64, i97.2-i97. | 0.7 | 0 |
| 112 | Mechanism of Promotion Effects of Ce added to AlPO4 Effective for CFC Decomposition. Kagaku Kogaku Ronbunshu, 2009, 35, 623-632. | 0.1 | 0 |