# Hiroki Miyaoka

List of Publications by Year
in descending order



| 123 | 2,341 | 185998 28 | 264894 42 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 126 | 126 | 126 | 1899 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Hydrogen absorption of catalyzed magnesium below room temperature. International Journal of Hydrogen Energy, 2013, 38, 13728-13733. | 3.8 | 112 |
| 2 | Ammonia, a Switch for Controlling High Ionic Conductivity in Lithium Borohydride Ammoniates. Joule, 2018, 2, 1522-1533. | 11.7 | 87 |
| 3 | Review on Ammonia Absorption Materials: Metal Hydrides, Halides, and Borohydrides. ACS Applied Energy Materials, 2018, 1, 232-242. | 2.5 | 80 |
| 4 | Highly purified hydrogen production from ammonia for PEM fuel cell. International Journal of Hydrogen Energy, 2018, 43, 14486-14492. | 3.8 | 76 |
| 5 | Structure and catalytic properties of Ni/MWCNTs and Ni/AC catalysts for hydrogen production via ammonia decomposition. International Journal of Hydrogen Energy, 2014, 39, 277-287. | 3.8 | 66 |
| 6 | How does TiF<sub>4</sub> affect the decomposition of MgH<sub>2</sub> and its complex variants? â€“ An XPS investigation. Journal of Materials Chemistry A, 2017, 5, 15543-15551. | 5.2 | 65 |
| 7 | Metal hydride-based materials towards high performance negative electrodes for all-solid-state lithium-ion batteries. Chemical Communications, 2015, 51, 9773-9776. | 2.2 | 64 |
| 8 | Surface modification of MgH2 by ZrCl4 to tailor the reversible hydrogen storage performance. International Journal of Hydrogen Energy, 2017, 42, 6152-6159. | 3.8 | 61 |
| 9 | Recyclable hydrogen storage system composed of ammonia and alkali metal hydride. International Journal of Hydrogen Energy, 2009, 34, 9760-9764. | 3.8 | 59 |
| 10 | Comparative Study of Structural Changes in NH<sub>3</sub>BH<sub>3</sub>, LiNH<sub>2</sub>BH<sub>3</sub>, and KNH<sub>2</sub>BH<sub>3</sub> During Dehydrogenation Process. Journal of Physical Chemistry C, 2012, 116, 5957-5964. | 1.5 | 57 |
| 11 | Enhancement of hydrogen desorption kinetics in magnesium hydride by doping with lithium metatitanate. Journal of Alloys and Compounds, 2017, 711, 400-405. | 2.8 | 57 |
| 12 | Superior Hydrogen Exchange Effect in the MgH<sub>2</sub>â^'LiBH<sub>4</sub> System. Journal of Physical Chemistry C, 2010, 114, 13132-13135. | 1.5 | 48 |
| 13 | Solid state NMR study on the thermal decomposition pathway of sodium amidoborane NaNH2BH3. Journal of Materials Chemistry, 2011, 21, 2609. | 6.7 | 48 |
| 14 | Catalysis of nickel nanoparticles with high thermal stability for ammonia decomposition. Applied Catalysis A: General, 2015, 491, 184-188. | 2.2 | 48 |
| 15 | Anode properties of magnesium hydride catalyzed with niobium oxide for an all solid-state lithium-ion battery. Chemical Communications, 2013, 49, 7174. | 2.2 | 47 |
| 16 | High compressed hydrogen production via direct electrolysis of liquid ammonia. International Journal of Hydrogen Energy, 2016, 41, 14529-14534. | 3.8 | 46 |
| 17 | Thermal decomposition of alkaline-earth metal hydride and ammonia borane composites. International Journal of Hydrogen Energy, 2010, 35, 12405-12409. | 3.8 | 45 |
| 18 | Bulk-Type All-Solid-State Lithium-Ion Batteries: Remarkable Performances of a Carbon Nanofiber-Supported MgH<sub>2</sub> Composite Electrode. ACS Applied Materials & Interfaces, 2017, 9, 2261-2266. | 4.0 | 45 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Electron Spin Resonance Investigation of Hydrogen Absorption in Ball-Milled Graphite. Journal of Physical Chemistry C, 2009, 113, 5409-5416. | 1.5 | 41 |
| 20 | Molecular hydrogen carrier with activated nanohydride and ammonia. Journal of Materials Research, 2009, 24, 2185-2190. | 1.2 | 41 |
| 21 | Study of cyclic performance of V-Ti-Cr alloys employed for hydrogen compressor. International Journal of Hydrogen Energy, 2018, 43, 2881-2889. | 3.8 | 40 |
| 22 | Study on the thermal decomposition of NaBH 4 catalyzed by ZrCl 4. International Journal of Hydrogen Energy, 2017, 42, 22432-22437. | 3.8 | 37 |
| 23 | Hybrid nickel-metal hydride/hydrogen battery. International Journal of Hydrogen Energy, 2019, 44, 4263-4270. | 3.8 | 36 |
| 24 | Destabilization of lithium hydride by the substitution of group 14 elements: A review. International Journal of Hydrogen Energy, 2016, 41, 5969-5978. | 3.8 | 34 |
| 25 | Thermodynamics on Ammonia Absorption of Metal Halides and Borohydrides. Journal of Physical Chemistry C, 2014, 118, 18412-18416. | 1.5 | 32 |
| 26 | Activation on Ammonia Absorbing Reaction for Magnesium Chloride. Journal of Physical Chemistry C, 2015, 119, 26296-26302. | 1.5 | 32 |
| 27 | Electrochemical Performance of Titanium Hydride for Bulk-Type All-Solid-State Lithium-Ion Batteries. Materials Transactions, 2016, 57, 755-757. | 0.4 | 31 |
| 28 | Improvement of hydrogen desorption kinetics in the LiHâ€“NH3 system by addition of KH. Chemical Communications, 2011, 47, 12227. | 2.2 | 30 |
| 29 | A new synthesis route of ammonia production through hydrolysis of metal â€“ Nitrides. International Journal of Hydrogen Energy, 2017, 42, 24897-24903. | 3.8 | 30 |
| 30 | Hydrogen storage properties of lithium silicon alloy synthesized by mechanical alloying. Journal of Power Sources, 2011, 196, 504-507. | 4.0 | 29 |
| 31 | Destabilization of LiH by Li Insertion into Ge. Journal of Physical Chemistry C, 2013, 117, 5650-5657. | 1.5 | 28 |
| 32 | Low-temperature water-splitting by sodium redox reaction. International Journal of Hydrogen Energy, 2012, 37, 17709-17714. | 3.8 | 27 |
| 33 | Synthesis and characterization of lithiumâ€“carbon compounds for hydrogen storage. Journal of Alloys and Compounds, 2011, 509, 719-723. | 2.8 | 26 |
| 34 | The reaction process of hydrogen absorption and desorption on the nanocomposite of hydrogenated graphite and lithium hydride. Nanotechnology, 2009, 20, 204021. | 1.3 | 24 |
| 35 | Improved hydrogen release from magnesium borohydride by ZrCl4 additive. International Journal of Hydrogen Energy, 2017, 42, 22342-22347. | 3.8 | 24 |
| 36 | MgH<sub>2</sub>â€“CoO: a conversion-type composite electrode for LiBH<sub>4</sub>-based all-solid-state lithium ion batteries. RSC Advances, 2018, 8, 23468-23474. | 1.7 | 24 |

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|---|---|---|---|
| 37 | Micro-alloyed Mg2Ni for better performance as negative electrode of Ni-MH battery and hydrogen storage. International Journal of Hydrogen Energy, 2017, 42, 5220-5226. | 3.8 | 23 |
| 38 | Doping effect of Nb species on hydrogen desorption properties of AlH3. Journal of Alloys and Compounds, 2018, 734, 55-59. | 2.8 | 23 |
| 39 | Synthesis and characterization of magnesiumâ€“carbon compounds for hydrogen storage. Carbon, 2013, 56, 50-55. | 5.4 | 20 |
| 40 | Development of Mg Li B based advanced material for onboard hydrogen storage solution. International Journal of Hydrogen Energy, 2017, 42, 3963-3970. | 3.8 | 20 |
| 41 | Thermodynamic and structural properties of ball-milled mixtures composed of nano-structural graphite and alkali(-earth) metal hydride. Journal of Alloys and Compounds, 2007, 432, 303-307. | 2.8 | 19 |
| 42 | Anode properties of Al2O3-added MgH2 for all-solid-state lithium-ion batteries. Journal of Solid State Electrochemistry, 2015, 19, 3639-3644. | 1.2 | 19 |
| 43 | Catalytic hydrolysis of sodium borohydride on Co catalysts. International Journal of Energy Research, 2016, 40, 2078-2090. | 2.2 | 19 |
| 44 | Characterization of hydrogen absorption/desorption states on lithium-carbon-hydrogen system by neutron diffraction. Journal of Applied Physics, 2008, 104, 053511. | 1.1 | 18 |
| 45 | Nitrogen Dissociation via Reaction with Lithium Alloys. ACS Omega, 2017, 2, 1081-1088. | 1.6 | 18 |
| 46 | Hydrogen desorption properties of Liâ€“BNâ€“H system synthesized by mechanical milling. International Journal of Hydrogen Energy, 2008, 33, 3128-3131. | 3.8 | 17 |
| 47 | Improvement of reaction kinetics by metal chloride on ammonia and lithium hydride system. International Journal of Hydrogen Energy, 2012, 37, 16025-16030. | 3.8 | 17 |
| 48 | Anomalous hydrogen absorption on non-stoichiometric iron-carbon compound. Journal of Alloys and Compounds, 2010, 507, 547-550. | 2.8 | 16 |
| 49 | Ammonia Synthesis via Non-Equilibrium Reaction of Lithium Nitride in Hydrogen Flow Condition. Materials Transactions, 2015, 56, 410-414. | 0.4 | 16 |
| 50 | Catalytic effect of bis (cyclopentadienyl) nickel II on the improvement of the hydrogenation-dehydrogenation of Mg-MgH2 system. International Journal of Hydrogen Energy, 2017, 42, 17178-17183. | 3.8 | 16 |
| 51 | Synthesis of nickel nanoparticles with excellent thermal stability in micropores of zeolite. International Journal of Hydrogen Energy, 2013, 38, 13579-13586. | 3.8 | 15 |
| 52 | Correlation between electrochemical behavior and hydrogen storage properties of Liâ€“Sn system. Journal of Alloys and Compounds, 2013, 580, S211-S215. | 2.8 | 15 |
| 53 | Catalytic modification in dehydrogenation properties of KSiH<sub>3</sub>. Physical Chemistry Chemical Physics, 2014, 16, 26163-26167. | 1.3 | 15 |
| 54 | Two-Peak Mystery of LiNH2â€“NaH Dehydrogenation Is Solved? A Study of the Analogous Sodium Amide/Lithium Hydride System. Journal of Physical Chemistry C, 2016, 120, 27903-27909. | 1.5 | 15 |

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| 55 | Synthesis, Characterization, and Structure of a Reduced Preyssler-type Polyoxometalate. Chemistry Letters, 2017, 46, 602-604. | 0.7 | 14 |
| 56 | Proton-based solid acids for ammonia absorption in ammonia water. International Journal of Hydrogen Energy, 2020, 45, 22189-22194. | 3.8 | 13 |
| 57 | Pseudo catalytic ammonia synthesis by lithiumâ€“tin alloy. International Journal of Hydrogen Energy, 2020, 45, 6806-6812. | 3.8 | 13 |
| 58 | Hydrogen storage properties of nano-structural carbon and metal hydrides composites. Physica B: Condensed Matter, 2006, 383, 51-52. | 1.3 | 12 |
| 59 | Compressed hydrogen production via reaction between liquid ammonia and alkali metal hydride. International Journal of Hydrogen Energy, 2011, 36, 8217-8220. | 3.8 | 12 |
| 60 | Thermal decomposition of sodium amide. International Journal of Hydrogen Energy, 2017, 42, 5213-5219. | 3.8 | 12 |
| 61 | Structural and Electronic Interplay in the Gap Formation in CeRhAs1-xSbx(0 â‰¤xâ‰¤1). Journal of the Physical Society of Japan, 2004, 73, 262-268. | 0.7 | 10 |
| 62 | Catalysis of Lithium Chloride and Alkali Metal Borohydrides on Hydrogen Generation of Ammonia and Lithium Hydride System. Journal of Physical Chemistry C, 2015, 119, 19922-19927. | 1.5 | 10 |
| 63 | Evaluation of the enthalpy change due to hydrogen desorption for Mâ€“Nâ€“H (MÂ=ÂLi, Mg, Ca) systems by differential scanning calorimetry. International Journal of Hydrogen Energy, 2015, 40, 1516-1522. | 3.8 | 10 |
| 64 | Effective Factor on Catalysis of Niobium Oxide for Magnesium. ACS Omega, 2020, 5, 21906-21912. | 1.6 | 10 |
| 65 | Thermodynamic and Spectroscopic Analyses of Zirconium Phosphate-Absorbed Ammonia. Journal of Physical Chemistry C, 2021, 125, 3758-3763. | 1.5 | 10 |
| 66 | Tailoring the absorptionâ€“desorption properties of KSiH3 compound using nano-metals (Ni, Co, Nb) as catalyst. Journal of Alloys and Compounds, 2015, 645, S144-S147. | 2.8 | 9 |
| 67 | Improvement of Kinetics of Ammonia Synthesis at Ambient Pressure by the Chemical Looping Process of Lithium Hydride. Journal of Physical Chemistry C, 2022, 126, 2403-2409. | 1.5 | 9 |
| 68 | Synthesis, structural characterization, and hydrogen desorption properties of Na[Al(NH 2 BH 3 ) 4 ]. International Journal of Hydrogen Energy, 2017, 42, 6173-6180. | 3.8 | 8 |
| 69 | Vanadium Hydride as Conversion Type Negative Electrode for All-Solid-State Lithium-Ion-Battery. Materials Transactions, 2019, 60, 2183-2187. | 0.4 | 8 |
| 70 | Hydrogen Sorption and Cyclic Compressor Performance of V<sub>40</sub>Ti<sub>21.5</sub>Cr<sub>33.5</sub>M<sub>5</sub>0.2 (M= Nb, Zr, Fe) Alloys. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2019, 98, 157-164. | | 8 |
| 71 | Concentrationâ€“composition-isotherm for the ammonia absorption process of zirconium phosphate. RSC Advances, 2020, 10, 20882-20885. | 1.7 | 8 |
| 72 | Systematic Study on Nitrogen Dissociation and Ammonia Synthesis by Lithium and Group 14 Element Alloys. ACS Applied Energy Materials, 2022, 5, 4765-4773. | 2.5 | 8 |

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| 73 | Thermodynamic Characterization on Hydrogen Absorption and Desorption Reactions of Lithium â€“ Silicon Alloy. Materials Science Forum, 0, 654-656, 2815-2818. | 0.3 | 7 |
| 74 | Hydrogen Desorption Reaction between Hydrogen-Containing Functional Groups and Lithium Hydride. Journal of Physical Chemistry C, 2010, 114, 8668-8674. | 1.5 | 7 |
| 75 | Ammonia suppression during decomposition of sodium amide by the addition of metal hydride. International Journal of Hydrogen Energy, 2017, 42, 22388-22394. | 3.8 | 7 |
| 76 | Room-Temperature Hydrogen Absorption of Titanium with Surface Modification by Organic Solvents. Journal of Physical Chemistry C, 2019, 123, 19269-19274. | 1.5 | 7 |
| 77 | Critical Temperature and Pressure Conditions of Degradation during Thermochemical Hydrogen Compression: A Case Study of V-Based Hydrogen Storage Alloy. Energies, 2020, 13, 2324. | 1.6 | 7 |
| 78 | Catalytic Activities of Various Niobium Oxides for Hydrogen Absorption/Desorption Reactions of Magnesium. ACS Omega, 2021, 6, 23564-23569. | 1.6 | 7 |
| 79 | Lithium hydrazide as a potential compound for hydrogen storage. International Journal of Hydrogen Energy, 2012, 37, 5750-5753. | 3.8 | 6 |
| 80 | Thermochemical Energy Storage by Water-splitting Via Redox Reaction of Alkali Metals. Energy Procedia, 2014, 49, 927-934. | 1.8 | 6 |
| 81 | Kinetic Modification on Hydrogen Desorption of Lithium Hydride and Magnesium Amide System. Materials, 2015, 8, 3896-3909. | 1.3 | 6 |
| 82 | Synthesis of sodium-magnesium amidoborane by sodium amide: An investigation of functional properties for hydrogen/ammonia storage. Journal of Alloys and Compounds, 2019, 801, 645-650. | 2.8 | 6 |
| 83 | Temperature rise of LaNi5-based alloys by hydrogen adsorption. Chemical Communications, 2021, 57, 9374-9377. | 2.2 | 6 |
| 84 | Hydrogen Storage Materials. , 2013, , 99-136. | | 5 |
| 85 | Hydrogen production via thermochemical water-splitting by lithium redox reaction. Journal of Alloys and Compounds, 2013, 580, S410-S413. | 2.8 | 5 |
| 86 | Hydrogen Desorption Isobar Properties of Ti<sub>1.1</sub>CrMn at High Temperatures and Pressures. Materials Transactions, 2018, 59, 855-857. | 0.4 | 5 |
| 87 | Eutectic Phenomenon of LiNH2-KH Composite in MH-NH3 Hydrogen Storage System. Molecules, 2019, 24, 1348. | 1.7 | 5 |
| 88 | Eutectic melting in x(2LiBH4-MgH2) hydrogen storage system by the addition of KH. International Journal of Hydrogen Energy, 2020, 45, 17000-17005. | 3.8 | 5 |
| 89 | Hydrogen storage behavior of TiFe alloy activated by different methods. Materials Letters: X, 2021, 9, 100061. | 0.3 | 5 |
| 90 | Effects of Metal Oxide Additives on Anode Properties of Magnesium Hydride for All-Solid-State Lithium Ion Batteries. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2014, 93, 926-930. | 0.2 | 5 |

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| 91 | Operando spectroscopic analyses for the ammonia absorption process of sodium borohydride. Chemical Communications, 2019, 55, 2150-2153. | 2.2 | 4 |
| 92 | The catalytic effect of ZrCl4 on thermal dehydrogenation LiAlD4. International Journal of Hydrogen Energy, 2020, 45, 14413-14417. | 3.8 | 4 |
| 93 | Microscopic characterization of metal-carbon-hydrogen composites (metalâ€‰=â€‰Li, Mg). Journal of Applied Physics, 2013, 114, 093509. | 1.1 | 3 |
| 94 | <i>In-Situ</i> XAS for Niobium Oxide Catalyst on Hydrogen Absorption and Desorption of Magnesium. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2015, 79, 107-111. | 0.2 | 3 |
| 95 | Hydrogen Ab/Desorption of LiH-KH Composite and Ammonia System. Materials Transactions, 2016, 57, 1215-1219. | 0.4 | 3 |
| 96 | Surface-Controlled Conversion of Ammonia Borane from Boron Nitride. Energies, 2020, 13, 5569. | 1.6 | 3 |
| 97 | Surface modification effects of graphite for selective hydrogen absorption by titanium at room temperature. Chemical Communications, 2020, 56, 7237-7240. | 2.2 | 3 |
| 98 | Development of Caâ€“Mgâ€“H2â€“ZrCl4 composite for hydrogen storage applications. International Journal of Hydrogen Energy, 2021, 46, 34362-34368. | 3.8 | 3 |
| 99 | Analysis of sodium generation by sodium oxide decomposition on corrosion resistance materials: a new approach towards sodium redox water-splitting cycle. RSC Advances, 2021, 11, 21017-21022. | 1.7 | 3 |
| 100 | Improvement of Hydrogenation and Dehydrogenation Kinetics on MgH<sub>2</sub> by the Catalytic Effect of ZrO<sub>2</sub>. Applied Mechanics and Materials, 0, 117-119, 1195-1198. | 0.2 | 2 |
| 101 | Improved hydrogen desorption from lithium hydrazide by alkali metal hydride. Journal of Alloys and Compounds, 2013, 580, S320-S323. | 2.8 | 2 |
| 102 | Correlation between particle size and hydrogen generation properties on ammonia and lithium hydride system. International Journal of Hydrogen Energy, 2015, 40, 14911-14915. | 3.8 | 2 |
| 103 | Thermochemical Water Splitting by Concentrated Solar Power. Lecture Notes in Energy, 2016, , 137-151. | 0.2 | 2 |
| 104 | Synthesis of Highly Activated Magnesium by Niobium and Tantalum Gel Oxide Catalyst. Materials Transactions, 2021, 62, 284-289. | 0.4 | 2 |
| 105 | Electron tunneling experiments on La-substituted Kondo-semiconductor CeRhAs. Physica B: Condensed Matter, 2006, 383, 26-27. | 1.3 | 1 |
| 106 | Hydrogen Exchange Effect in MgH<sub>2</sub>-LiBH<sub>4</sub> System. Materials Science Forum, 2010, 654-656, 2855-2858. | 0.3 | 1 |
| 107 | Catalytic Effect of Niobium Oxide on Hydrogen Absorption and Desorption Process for Magnesium. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2013, 77, 636-640. | 0.2 | 1 |
| 108 | Synthesis of Calcium Borohydride by Milling Hydrogenation of Hydride and Boride. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2013, 77, 609-614. | 0.2 | 1 |

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| 109 | Thermochemical Water-splitting Reaction by Alkali Metal-Cobalt Oxide. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2013, 92, 909-912. | 0.2 | 1 |
| 110 | Understanding the mechanism of photochromism in double-layer metal oxide using X-ray photoelectron spectroscopy. Chemical Physics Letters, 2020, 739, 136973. | 1.2 | 1 |
| 111 | Synergetic NH<sub>3</sub> absorption properties of the NaBH<sub>4</sub>â€“LiBH<sub>4</sub> mixed system. Chemical Communications, 2021, 57, 6003-6006. | 2.2 | 1 |
| 112 | Room-Temperature Hydrogen Absorption of Ti with Robust Surface Coated by Hexagonal Boron Nitride. ACS Applied Energy Materials, 2022, 5, 951-957. | 2.5 | 1 |
| 113 | Tunneling measurements of CeRhAs single crystal. Physica B: Condensed Matter, 2006, 378-380, 786-787. | 1.3 | 0 |
| 114 | Hydrogen storage properties in a composite of lithium hydride and boron nitride with hydrocarbon groups. Journal of Alloys and Compounds, 2007, 446-447, 39-43. | 2.8 | 0 |
| 115 | In-situ TEM Observation for Reaction of LiH with NH3 by Means of Environmental Cell. Materials Research Society Symposia Proceedings, 2009, 1216, 1. | 0.1 | 0 |
| 116 | Hydrogen Storage Properties of Hydrogenated Graphite and Lithium Hydride Nanocomposite. , 0, , . | | 0 |
| 117 | Microstructure and hydrogen desorption characteristics of hydrogenated ScH2â€“MBn (MÂ=ÂMg and Ca) systems synthesized by mechanical milling. International Journal of Hydrogen Energy, 2013, 38, 6744-6749. | 3.8 | 0 |
| 118 | Chemical Hydrogen Storage of Carbon Material. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2013, 77, 552-558. | 0.2 | 0 |
| 119 | Ammonia Synthesis via Non-Equilibrium Reaction of Lithium Nitride in Hydrogen Flow Condition. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2013, 77, 580-584. | 0.2 | 0 |
| 120 | Hydrogen Production via Thermochemical Water Splitting Process by Alkali Metal Redox Cycle. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2021, 100, 29-44. | 0.2 | 0 |
| 121 | Hydrogen and Materials Characteristic in Solids III. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2016, 80, 719-719. | 0.2 | 0 |
| 122 | Corrosion performance of carbide/nitride/oxide (C/N/O)-based reactor during thermochemical hydrogen production by Na redox reaction. Journal of Alloys and Compounds, 2022, , 165732. | 2.8 | 0 |
| 123 | Regeneration Process of Ammonia-Absorbed Zirconium Phosphate to Zirconium Phosphate. ACS Omega, 2022, 7, 20881-20885. | 1.6 | 0 |