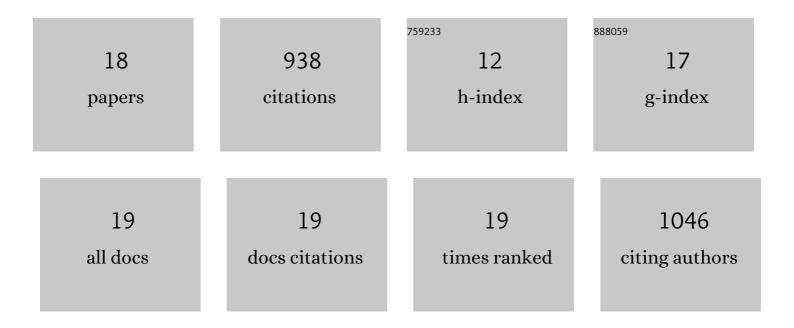
Tessui Nakagawa

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-------------|------------|
| 1 | Regeneration of Ammonia Borane Spent Fuel by Direct Reaction with Hydrazine and Liquid Ammonia. Science, 2011, 331, 1426-1429. | 12.6 | 392 |
| 2 | Potassium(I) Amidotrihydroborate: Structure and Hydrogen Release. Journal of the American Chemical Society, 2010, 132, 11836-11837. | 13.7 | 112 |
| 3 | Mechanism of Hydrogenation Reaction in the Liâ^'Mgâ^'Nâ^'H System. Journal of Physical Chemistry B, 2005, 109, 10744-10748. | 2.6 | 75 |
| 4 | Thermal analysis on the Li–Mg–B–H systems. Journal of Alloys and Compounds, 2007, 446-447, 306-309. | 5.5 | 74 |
| 5 | X-ray Absorption Spectroscopic Study on Valence State and Local Atomic Structure of Transition Metal Oxides Doped in MgH ₂ . Journal of Physical Chemistry C, 2009, 113, 13450-13455. | 3.1 | 64 |
| 6 | Improved Hydrogen Release from Ammonia–Borane with ZIF-8. Inorganic Chemistry, 2012, 51, 2728-2730. | 4.0 | 61 |
| 7 | Comparative Study of Structural Changes in NH ₃ BH ₃ , LiNH ₂ BH ₃ , and KNH ₂ BH ₃ During Dehydrogenation Process. Journal of Physical Chemistry C, 2012, 116, 5957-5964. | 3.1 | 57 |
| 8 | Dependence of constituent elements of AB5 type metal hydrides on hydrogenation degradation by CO2 poisoning. Journal of Alloys and Compounds, 2015, 647, 198-203. | 5.5 | 21 |
| 9 | Physical, structural, and dehydrogenation properties of ammonia borane in ionic liquids. RSC Advances, 2014, 4, 21681-21687. | 3.6 | 19 |
| 10 | Effect of CO2 on hydrogen absorption in Ti-Zr-Mn-Cr based AB2 type alloys. Journal of Alloys and Compounds, 2017, 705, 507-516. | 5.5 | 19 |
| 11 | Observation of hydrogen absorption/desorption reaction processes in Li–Mg–N–H system by in-situ X-ray diffractmetry. Journal of Alloys and Compounds, 2007, 430, 217-221. | 5.5 | 16 |
| 12 | Divalent State in YbGaGe: Magnetic, Thermal, Transport and Structural Studies. Journal of the Physical Society of Japan, 2004, 73, 1450-1452. | 1.6 | 13 |
| 13 | Synthesis, structural characterization, and hydrogen desorption properties of Na[Al(NH 2 BH 3) 4]. International Journal of Hydrogen Energy, 2017, 42, 6173-6180. | 7.1 | 8 |
| 14 | Surface-Controlled Conversion of Ammonia Borane from Boron Nitride. Energies, 2020, 13, 5569. | 3.1 | 3 |
| 15 | Structural Properties of (Ti, Zr)(Mn,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 192 Td (Cr) _{2<td>ub>< 1.2</td><td>;i>M< 2</td>} | ub>< 1.2 | ;i>M< 2 |
| 16 | Element. Materials Transactions, 2021, 62, 899-904. 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. | 0.4 | 1 |
| 17 | Electronic structure of octagonal boron nitride nanotubes. International Journal of Quantum Chemistry, 2018, 118, e25542. | 2.0 | 1 |
| 18 | Microstructure and hydrogen desorption characteristics of hydrogenated ScH2–MBn (MÂ=ÂMg and Ca) systems synthesized by mechanical milling. International Journal of Hydrogen Energy, 2013, 38, 6744-6749. | 7.1 | 0 |