

Tessui Nakagawa

List of Publications by Year in descending order

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18
papers

938
citations

759233

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888059

17
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19
all docs

19
docs citations

19
times ranked

1046
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Properties of (Ti, Zr)(Mn, ₂) Tj ETQq ₁ 1 0.784314 rgBT /Overlock 10 Tf 50 752 Td (Cr)<sub>2</sub></sub><i>i>M</i> Element. Materials Transactions, 2021, 62, 899-904.	1.2	2
2	Surface-Controlled Conversion of Ammonia Borane from Boron Nitride. Energies, 2020, 13, 5569.	3.1	3
3	Electronic structure of octagonal boron nitride nanotubes. International Journal of Quantum Chemistry, 2018, 118, e25542.	2.0	1
4	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
5	Effect of CO ₂ on hydrogen absorption in Ti-Zr-Mn-Cr based AB ₂ type alloys. Journal of Alloys and Compounds, 2017, 705, 507-516.	5.5	19
6	Dependence of constituent elements of AB ₅ type metal hydrides on hydrogenation degradation by CO ₂ poisoning. Journal of Alloys and Compounds, 2015, 647, 198-203.	5.5	21
7	Physical, structural, and dehydrogenation properties of ammonia borane in ionic liquids. RSC Advances, 2014, 4, 21681-21687.	3.6	19
8	Microstructure and hydrogen desorption characteristics of hydrogenated Sch ₂ â€“MBn (M=ÂˆMg and Ca) systems synthesized by mechanical milling. International Journal of Hydrogen Energy, 2013, 38, 6744-6749.	7.1	0
9	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
10	Improved Hydrogen Release from Ammoniaâ€“Borane with ZIF-8. Inorganic Chemistry, 2012, 51, 2728-2730.	4.0	61
11	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
12	Regeneration of Ammonia Borane Spent Fuel by Direct Reaction with Hydrazine and Liquid Ammonia. Science, 2011, 331, 1426-1429.	12.6	392
13	Potassium(I) Amidotrihydroborate: Structure and Hydrogen Release. Journal of the American Chemical Society, 2010, 132, 11836-11837.	13.7	112
14	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
15	Observation of hydrogen absorption/desorption reaction processes in Liâ€“Mgâ€“Nâ€“H system by in-situ X-ray diffractometry. Journal of Alloys and Compounds, 2007, 430, 217-221.	5.5	16
16	Thermal analysis on the Liâ€“Mgâ€“Bâ€“H systems. Journal of Alloys and Compounds, 2007, 446-447, 306-309.	5.5	74
17	Mechanism of Hydrogenation Reaction in the Liâˆ“Mgâˆ“Nâˆ“H System. Journal of Physical Chemistry B, 2005, 109, 10744-10748.	2.6	75
18	Divalent State in YbGaGe: Magnetic, Thermal, Transport and Structural Studies. Journal of the Physical Society of Japan, 2004, 73, 1450-1452.	1.6	13