

Daniel Reed

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4860070/publications.pdf>

Version: 2024-02-01

19
papers

526
citations

623734

14
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

588
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of the NaBH ₄ -NaBr system and the behaviour of its low temperature phase transition. International Journal of Hydrogen Energy, 2017, 42, 22538-22543.	7.1	9
2	High-Pressure Raman and Calorimetry Studies of Vanadium(III) Alkyl Hydrides for Kubas-Type Hydrogen Storage. ChemPhysChem, 2016, 17, 780-780.	2.1	0
3	High-Pressure Raman and Calorimetry Studies of Vanadium(III) Alkyl Hydrides for Kubas-Type Hydrogen Storage. ChemPhysChem, 2016, 17, 822-828.	2.1	6
4	Development and design of a narrow-gauge hydrogen-hybrid locomotive. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2016, 230, 181-192.	2.0	7
5	Ti-V-Mn based metal hydrides for hydrogen compression applications. Journal of Alloys and Compounds, 2015, 645, S400-S403.	5.5	34
6	Effect of the calcium halides, CaCl ₂ and CaBr ₂ , on hydrogen desorption in the Li-Mg-N-H system. Journal of Alloys and Compounds, 2015, 645, S96-S99.	5.5	17
7	Thermodynamically neutral Kubas-type hydrogen storage using amorphous Cr alkyl hydride gels. Physical Chemistry Chemical Physics, 2015, 17, 9480-9487.	2.8	24
8	Hydrogen release and uptake in the Li-Zn-N system. Journal of Alloys and Compounds, 2015, 645, S295-S298.	5.5	4
9	Hydrogen Storage Capacity Loss in a LiBH ₄ -Al Composite. Journal of Physical Chemistry C, 2013, 117, 7423-7432.	3.1	45
10	Investigation of dehydrogenation processes in disordered β -Mg(BH ₄) ₂ . Journal of Alloys and Compounds, 2013, 580, S296-S300.	5.5	14
11	Ti-V-Mn based metal hydrides for hydrogen storage. Journal of Alloys and Compounds, 2013, 580, S233-S237.	5.5	31
12	Observation of TiH ₅ and TiH ₇ in Bulk-Phase TiH ₃ Gels for Kubas-Type Hydrogen Storage. Chemistry of Materials, 2013, 25, 4765-4771.	6.7	15
13	Decomposition behaviour of Mn(BH ₄) ₂ formed by ball-milling LiBH ₄ and MnCl ₂ . Journal of Alloys and Compounds, 2012, 515, 32-38.	5.5	27
14	Recent applications of Raman spectroscopy to the study of complex hydrides for hydrogen storage. Current Opinion in Solid State and Materials Science, 2011, 15, 62-72.	11.5	31
15	Structural studies of lithium zinc borohydride by neutron powder diffraction, Raman and NMR spectroscopy. Journal of Alloys and Compounds, 2011, 509, S698-S704.	5.5	40
16	Effect of Hydrogen Back Pressure on Dehydrogenation Behavior of LiBH ₄ -Based Reactive Hydride Composites. Journal of Physical Chemistry Letters, 2010, 1, 59-63.	4.6	76
17	Mixed-Anion and Mixed-Cation Borohydride KZn(BH ₄) ₂ Cl ₂ : Synthesis, Structure and Thermal Decomposition. European Journal of Inorganic Chemistry, 2010, 2010, 1608-1612.	2.0	48
18	Hydrogenation reaction of CaH ₂ -CaB ₆ -Mg mixture. Journal of Alloys and Compounds, 2010, 492, 597-600.	5.5	16

#	ARTICLE	IF	CITATIONS
19	Identification of the Dehydrogenated Product of Ca(BH ₄) ₂ . Journal of Physical Chemistry C, 2009, 113, 5865-5871.	3.1	82