

# High-capacity hydrogen storage in lithium and sodium

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Recent progress in hydrogen storage. <i>Materials Today</i> , 2008, 11, 36-43.	8.3	471
2	Calcium Amidoborane Hydrogen Storage Materials: Crystal Structures of Decomposition Products. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6290-6295.	7.2	134
4	Hydrogen detection and quantification at polymer surfaces investigated by elastic peak electron spectroscopy (EPES). <i>Polymer</i> , 2008, 49, 4127-4132.	1.8	15
5	Light metal borohydrides: crystal structures and beyond. <i>Zeitschrift für Kristallographie</i> , 2008, 223, .	1.1	100
6	Ammonia borane as an efficient and lightweight hydrogen storage medium. <i>Energy and Environmental Science</i> , 2008, , .	15.6	45
7	Hydrogen-rich boron-containing materials for hydrogen storage. <i>Dalton Transactions</i> , 2008, , 5400.	1.6	170
8	The Effects of Chemical Additives on the Induction Phase in Solid-State Thermal Decomposition of Ammonia Borane. <i>Chemistry of Materials</i> , 2008, 20, 5332-5336.	3.2	188
9	Computational study of methyl derivatives of ammonia borane for hydrogen storage. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 6104.	1.3	12
10	Synthesis of sodium amidoborane (NaNH <sub>2</sub> BH <sub>3</sub> ) for hydrogen production. <i>Energy and Environmental Science</i> , 2008, 1, 360.	15.6	99
11	Enhanced dehydrogenation of LiBH <sub>4</sub> catalyzed by carbon-supported Pt nanoparticles. <i>Chemical Communications</i> , 2008, , 5740.	2.2	31
12	Hydrogen storage in liquid organic heterocycles. <i>Energy and Environmental Science</i> , 2008, 1, 134.	15.6	348
13	Interaction of lithium hydride and ammonia borane in THF. <i>Chemical Communications</i> , 2008, , 5595.	2.2	70
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16	Band structures and native defects of ammonia borane. <i>Physical Review B</i> , 2009, 80, .	1.1	20
17	<i>Ab initio</i> molecular dynamics study of the hydrogen diffusion in sodium and lithium hydrides. <i>Journal of Applied Physics</i> , 2009, 106, .	1.1	11
18	<i>Ab initio</i> study on the electronic structure and vibration modes of alkali and alkaline-earth amides and alanates. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 185501.	0.7	7
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21	Lithium-Catalyzed Dehydrogenation of Ammonia Borane within Mesoporous Carbon Framework for Chemical Hydrogen Storage. Advanced Functional Materials, 2009, 19, 265-271.	7.8	156
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