Weiqing Jiang

List of Publications by Year
in descending order

15	192	1163117 8	1058476 14
papers	citations	h-index	g-index

15	15	15	127
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of substituting Al for Co on the hydrogen-storage performance of La0.7Mg0.3Ni2.6AlxCo0.5â^'x (x=0.0â€“0.3) alloys. International Journal of Hydrogen Energy, 2009, 34, 2986-2991.	7.1	28
2	Rare earth-Mg-Ni-based alloys with superlattice structure for electrochemical hydrogen storage. Journal of Alloys and Compounds, 2021, 887, 161381.	5.5	25
3	Annealing effect on hydrogen storage property of Co-free La1.8Ti0.2MgNi8.7Al0.3 alloy. Journal of Alloys and Compounds, 2013, 565, 37-43.	5.5	22
4	A study on the hydrogen-storage properties of La2â^'xTixMgNi9 (x=0.1, 0.2, 0.3, 0.4) alloys. International Journal of Hydrogen Energy, 2009, 34, 4827-4832.	7.1	20
5	Influence of annealing treatment on the hydrogen storage properties of La2â^'xTixMgNi9 (x=0.2, 0.3) alloys. International Journal of Hydrogen Energy, 2010, 35, 11016-11024.	7.1	20
6	Effect of annealing on the structure and electrochemical properties of La1.8Ti0.2MgNi8.9Al0.1 hydrogen storage alloy. Journal of Power Sources, 2013, 221, 84-89.	7.8	19
7	Dehydrogenation properties of LiBH4 modified by Mg from first-principles calculations. Journal of Alloys and Compounds, 2018, 735, 668-676.	5.5	17
8	First-principles study on the dehydrogenation characteristics of LiBH4 modified by Ti. Results in Physics, 2017, 7, 3236-3242.	4.1	13
9	A comparative study on dehydrogenation of Mg-doped LiBH4 and Li2B12H12 from first-principles calculations. Computational Materials Science, 2018, 154, 187-193.	3.0	8
10	First-principles study on the dehydrogenation of Li4BN3H10 modified by Co. International Journal of Hydrogen Energy, 2021, 46, 11815-11823.	7.1	7
11	The first-principles investigation on the electronic structure and mechanism of LiHÂ+ÂNH3Ââ†'ÂLiNH2Â+ÂH2 reaction. International Journal of Hydrogen Energy, 2012, 37, 18937-18943.	7.1	5
12	First-principles investigation of dehydrogenation of Cu-doped LiBH4. Solid State Communications, 2021, 326, 114184.	1.9	5
13	First-principles investigation of LaMg2Ni and its hydrides. Scientific Reports, 2020, 10, 12167.	3.3	2
14	Hydrogen storage properties of La1.8Ti0.2MgNi9â€“x Co x (x = 0, 0.1, 0.3, 0.5) alloys. Russian Journal of Electrochemistry, 2016, 52, 435-440.	0.9	1
15	The Effects of Sn Element on Hydrogen Storage Characteristics of Mg2-xSnxNi(x=0, 0.05, 0.1, 0.15, 0.2) Alloys. Materials Research Society Symposia Proceedings, 2006, 971, 1.	0.1	0