Hua Ning

List of Publications by Year
in descending order

10	281	1307594 7	1372567 10
papers	citations	h-index	g-index

10	10	10	106
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Roles of in situ-formed NbN and Nb2O5 from N-doped Nb2C MXene in regulating the re/hydrogenation and cycling performance of magnesium hydride. Chemical Engineering Journal, 2022, 431, 133985.	12.7	47
2	In situ incorporation of highly dispersed nickel and vanadium trioxide nanoparticles in nanoporous carbon for the hydrogen storage performance enhancement of magnesium hydride. Chemical Engineering Journal, 2022, 446, 137261.	12.7	42
3	Combinations of V₂C and Ti₃C₂ MXenes for Boosting the Hydrogen Storage Performances of MgH₂. ACS Applied Materials & Interfaces, 2021, 13, 13235-13247.	8.0	111
4	Effect of BaO on Hydrogen Sorption Performance of Mg₁₇Al₁₂: Experimental and Theoretical Studies. ACS Applied Materials & Interfaces, 2021, 13, 11901-11910.	8.0	2
5	Facile and low-cost synthesis of carbon-supported manganese monoxide nanocomposites and evaluation of their superior catalytic effect toward magnesium hydride. Journal of Alloys and Compounds, 2021, 887, 161380.	5.5	16
6	Synergistic effect of hydrogen absorption on (TiÂ+ÂNi), (TiÂ+ÂV), (NiÂ+ÂV) doped Mg17Al12 (1Â1Â0) surfaces: A theoretical study. Applied Surface Science, 2020, 514, 145884.	6.1	6
7	Ni catalytic effects for the enhanced hydrogenation properties of Mg17Al12(1â€¯1â€¯0) surface. Applied Surface Science, 2019, 464, 644-650.	6.1	24
8	Hydrogenation properties of Mg17Al12 doped with alkaline-earth metal (Be, Ca, Sr and Ba). Journal of Alloys and Compounds, 2019, 774, 865-872.	5.5	15
9	Effects of Li on hydrogen absorption properties of Mg17Al12(110) surface: A density functional theory study. International Journal of Hydrogen Energy, 2018, 43, 18330-18338.	7.1	7
10	Hydrogen penetration and diffusion on Mg17Al12 (110) surface: A density functional theory investigation. International Journal of Hydrogen Energy, 2017, 42, 26013-26019.	7.1	11