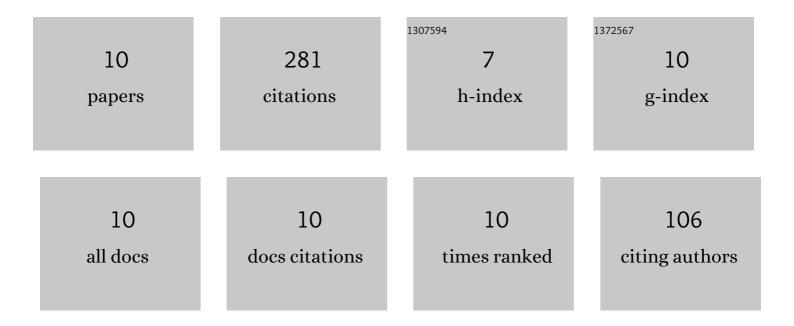
## Hua Ning

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9587541/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Combinations of V <sub>2</sub> C and Ti <sub>3</sub> C <sub>2</sub> MXenes for Boosting the Hydrogen Storage Performances of MgH <sub>2</sub> . ACS Applied Materials & Interfaces, 2021, 13, 13235-13247.	8.0	111
2	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
3	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
4	Ni catalytic effects for the enhanced hydrogenation properties of Mg17Al12(1 1 0) surface. Applied Surface Science, 2019, 464, 644-650.	6.1	24
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	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
7	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
8	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
9	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
10	Effect of BaO on Hydrogen Sorption Performance of Mg <sub>17</sub> Al <sub>12</sub> : Experimental and Theoretical Studies. ACS Applied Materials & Interfaces, 2021, 13, 11901-11910.	8.0	2