

# Zhouming Hang

## List of Publications by Year in descending order

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11  
papers

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1478505

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#	ARTICLE	IF	CITATIONS
1	Microstructure and hydrogen storage properties of Ti <sub>10</sub> V <sub>84</sub> xFe <sub>6</sub> Zr <sub>x</sub> (x=1~8) alloys. International Journal of Hydrogen Energy, 2010, 35, 3080-3086.	7.1	39
2	Influence of heat treatment on the microstructure and hydrogen storage properties of Ti <sub>10</sub> V <sub>77</sub> Cr <sub>6</sub> Fe <sub>6</sub> Zr alloy. Journal of Alloys and Compounds, 2012, 529, 128-133.	5.5	32
3	Influence of Fe content on the microstructure and hydrogen storage properties of Ti <sub>16</sub> Zr <sub>5</sub> Cr <sub>22</sub> V <sub>57</sub> xFe <sub>x</sub> (x=2~8) alloys. International Journal of Hydrogen Energy, 2010, 35, 8143-8148.	7.1	21
4	The dehydrogenation kinetics and reversibility improvements of Mg(BH <sub>4</sub> ) <sub>2</sub> doped with Ti nano-particles under mild conditions. International Journal of Hydrogen Energy, 2021, 46, 23737-23747.	7.1	20
5	Superior catalysis of NbN nanoparticles with intrinsic multiple valence on reversible hydrogen storage properties of magnesium hydride. International Journal of Hydrogen Energy, 2021, 46, 814-822.	7.1	19
6	The effect of Cr content on the structural and hydrogen storage characteristics of Ti <sub>10</sub> V <sub>80</sub> xFe <sub>6</sub> Zr <sub>4</sub> Cr <sub>x</sub> (x=0~14) alloys. Journal of Alloys and Compounds, 2010, 493, 396-400.	5.5	16
7	Hydrogen desorption from MgH <sub>2</sub> +NH <sub>4</sub> Cl/graphene composites at low temperatures. Materials Chemistry and Physics, 2021, 263, 124342.	4.0	6
8	Simulation and Economic Research of Circulating Cooling Water Waste Heat and Water Resource Recovery System. Energies, 2021, 14, 2496.	3.1	5
9	Microstructure and hydrogen storage properties of Ti <sub>10</sub> +V <sub>80</sub> -Fe <sub>6</sub> Zr <sub>4</sub> (x=0~15) alloys. International Journal of Hydrogen Energy, 2021, 46, 27622-27630.	7.1	5
10	Enhancing Hydrogen Storage Kinetics and Cycling Properties of NaMgH <sub>3</sub> by 2D Transition Metal Carbide MXene Ti <sub>3</sub> C <sub>2</sub> . Processes, 2021, 9, 1690.	2.8	4
11	Fabrication of Multiscale 1-Octadecene Monolayer Patterned Arrays Based on a Chemomechanical Method. Processes, 2022, 10, 1090.	2.8	0