

# Xinqiao Zhu

## List of Publications by Year in descending order

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11  
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#	ARTICLE	IF	CITATIONS
1	A striking catalytic effect of facile synthesized $ZrMn_2$ nanoparticles on the de/rehydrogenation properties of $MgH_2$ . Journal of Materials Chemistry A, 2019, 7, 5626-5634.	10.3	118
2	Facile synthesized Fe nanosheets as superior active catalyst for hydrogen storage in $MgH_2$ . International Journal of Hydrogen Energy, 2019, 44, 21955-21964.	7.1	100
3	Two-dimensional $ZrCo$ nanosheets as highly effective catalyst for hydrogen storage in $MgH_2$ . Journal of Alloys and Compounds, 2019, 805, 295-302.	5.5	57
4	Enhanced hydrogen storage properties of $MgH_2$ by the synergetic catalysis of $Zr_{0.4}Ti_{0.6}Co$ nanosheets and carbon nanotubes. Applied Surface Science, 2020, 504, 144465.	6.1	47
5	The remarkably improved hydrogen storage performance of $MgH_2$ by the synergetic effect of an $FeNi/rGO$ nanocomposite. Dalton Transactions, 2020, 49, 4146-4154.	3.3	46
6	Superior catalytic effects of $FeCo$ nanosheets on $MgH_2$ for hydrogen storage. Dalton Transactions, 2019, 48, 12699-12706.	3.3	43
7	Excellent catalysis of $Mn_3O_4$ nanoparticles on the hydrogen storage properties of $MgH_2$ : an experimental and theoretical study. Nanoscale Advances, 2020, 2, 1666-1675.	4.6	35
8	Superior catalytic effect of facile synthesized $LaNi_{4.5}Mn_{0.5}$ submicro-particles on the hydrogen storage properties of $MgH_2$ . Journal of Alloys and Compounds, 2020, 844, 156069.	5.5	25
9	Catalytic Effect of Facile Synthesized $TiH_{1.971}$ Nanoparticles on the Hydrogen Storage Properties of $MgH_2$ . Nanomaterials, 2019, 9, 1370.	4.1	11
10	Effect of Thickness of Molybdenum Nano-Interlayer on Cohesion between Molybdenum/Titanium Multilayer Film and Silicon Substrate. Nanomaterials, 2019, 9, 616.	4.1	4
11	Improved hydrogen storage properties of $MgH_2$ by the addition of $TiCN$ and its catalytic mechanism. SN Applied Sciences, 2019, 1, 1.	2.9	3