

Xinqiao Zhu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Excellent catalysis of Mn ₃ O ₄ nanoparticles on the hydrogen storage properties of MgH ₂ : an experimental and theoretical study. Nanoscale Advances, 2020, 2, 1666-1675.	4.6	35
3	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
4	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
5	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
6	Superior catalytic effects of FeCo nanosheets on MgH ₂ for hydrogen storage. Dalton Transactions, 2019, 48, 12699-12706.	3.3	43
7	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
8	Catalytic Effect of Facile Synthesized TiH _{1.971} Nanoparticles on the Hydrogen Storage Properties of MgH ₂ . Nanomaterials, 2019, 9, 1370.	4.1	11
9	Effect of Thickness of Molybdenum Nano-Interlayer on Cohesion between Molybdenum/Titanium Multilayer Film and Silicon Substrate. Nanomaterials, 2019, 9, 616.	4.1	4
10	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
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