

Ying Wu

List of Publications by Year in descending order

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13
papers

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13
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223
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Catalytic mechanism of in-situ Ni/C co-incorporation for hydrogen absorption of Mg. Journal of Magnesium and Alloys, 2023, 11, 1815-1824. | 11.9 | 4 |
| 2 | Effects of the different element substitution on hydrogen storage properties of Ti _{0.8} Zr _{0.2} Mn _{0.9} Cr _{0.6} V _{0.3} Mo _{0.2} (M=Fe, Ni, Co). Journal of Alloys and Compounds, 2022, 908, 164605. | 5.5 | 14 |
| 3 | Ni-Doped Carbon Nanotube-Mg(BH ₄) ₂ Composites for Hydrogen Storage. ACS Applied Nano Materials, 2021, 4, 1604-1612. | 5.0 | 29 |
| 4 | Improvement of hydrogen dehydrogenation performance of lithium amide pyrolysis by ball milling with magnesium. International Journal of Hydrogen Energy, 2021, 46, 18423-18432. | 7.1 | 9 |
| 5 | Novel core-shell structured MgH ₂ /AlH ₃ @CNT nanocomposites with extremely high dehydrogenating/rehydrogenating properties derived from nanoconfinement. Journal of Materials Chemistry A, 2021, 9, 10921-10932. | 10.3 | 24 |
| 6 | Current Research Progress in Magnesium Borohydride for Hydrogen Storage (A review). Progress in Natural Science: Materials International, 2021, 31, 809-820. | 4.4 | 32 |
| 7 | Improvement of desorption performance of Mg(BH ₄) ₂ by two-dimensional Ti ₃ C ₂ MXene addition. International Journal of Hydrogen Energy, 2020, 45, 16654-16662. | 7.1 | 25 |
| 8 | Theoretical prediction and experimental study on catalytic mechanism of incorporated Ni for hydrogen absorption of Mg. International Journal of Hydrogen Energy, 2019, 44, 27885-27895. | 7.1 | 23 |
| 9 | Catalytic effects of Mg(BH ₄) ₂ on the desorption properties of 2LiNH ₂ -MgH ₂ mixture. International Journal of Hydrogen Energy, 2019, 44, 19294-19301. | 7.1 | 16 |
| 10 | Effect of carbon nanotubes on the microstructural evolution and hydrogen storage properties of Mg(BH ₄) ₂ . Journal of Alloys and Compounds, 2018, 743, 11-16. | 5.5 | 38 |
| 11 | Recent advances in improving performances of the lightweight complex hydrides Li-Mg-N-H system. Progress in Natural Science: Materials International, 2017, 27, 21-33. | 4.4 | 73 |
| 12 | Microstructural evolution and improved hydrogen storage properties for the Li ₃ N-MgH ₂ system by addition of LiNH ₂ during the hydrogenation/dehydrogenation. International Journal of Hydrogen Energy, 2015, 40, 9298-9305. | 7.1 | 15 |
| 13 | Effects of additives on the microstructure and hydrogen storage properties of the Li ₃ N-MgH ₂ mixture. Journal of Alloys and Compounds, 2014, 613, 199-203. | 5.5 | 16 |