Julian Jepsen

List of Publications by Year
in descending order

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9 papers	625 citations	1307594 7 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	760 citing authors

#	Article	IF	Citations
1	Application of hydrides in hydrogen storage and compression: Achievements, outlook and perspectives. International Journal of Hydrogen Energy, 2019, 44, 7780-7808.	7.1	486
2	Fundamental hydrogen storage properties of TiFe-alloy with partial substitution of Fe by Ti and Mn. Journal of Alloys and Compounds, 2021, 874, 159925.	5.5	39
3	Fundamental Material Properties of the 2LiBH4-MgH2 Reactive Hydride Composite for Hydrogen Storage: (I) Thermodynamic and Heat Transfer Properties. Energies, 2018, 11, 1081.	3.1	24
4	Fundamental Material Properties of the 2LiBH4-MgH2 Reactive Hydride Composite for Hydrogen Storage: (II) Kinetic Properties. Energies, 2018, 11, 1170.	3.1	21
5	Designing an AB2-Type Alloy (TiZr-CrMnMo) for the Hybrid Hydrogen Storage Concept. Energies, 2020, 13, 2751.	3.1	20
6	Metal Hydrideâ€Based Hydrogen Storage Tank Coupled with an Urban Concept Fuel Cell Vehicle: Off Board Tests. Advanced Sustainable Systems, 2018, 2, 1800004.	5.3	15
7	Effect of the Process Parameters on the Energy Transfer during the Synthesis of the 2LiBH4-MgH2 Reactive Hydride Composite for Hydrogen Storage. Metals, 2019, 9, 349.	2.3	11
8	An effective activation method for industrially produced TiFeMn powder for hydrogen storage. Journal of Alloys and Compounds, 2022, 919, 165847.	5.5	6
9	A Novel Emergency Gas-to-Power System Based on an Efficient and Long-Lasting Solid-State Hydride Storage System: Modeling and Experimental Validation. Energies, 2022, 15, 844.	3.1	3