

Julian Jepsen

List of Publications by Year in descending order

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Version: 2024-02-01

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