

Operational characteristics of metal hydride energy sto

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Techno-economic analysis of metal hydride-based energy storage system in microgrid. Energy Storage, 2019, 1, e62.	2.3	10
2	Design and analysis of fuel cell and photovoltaic based 110%V DC microgrid using hydrogen energy storage. Energy Storage, 2019, 1, e60.	2.3	15
3	Control of superconducting magnetic energy storage systems in grid-connected microgrids via memetic salp swarm algorithm: An optimal passive fractional-order PID approach. IET Generation, Transmission and Distribution, 2019, 13, 5511-5522.	1.4	13
4	Metal hydride thermal management using phase change material in the context of a standalone solar-hydrogen system. Energy Conversion and Management, 2020, 224, 113352.	4.4	31
5	Analysis of metal hydride storage on the basis of thermophysical properties and its application in microgrid. Energy Conversion and Management, 2020, 222, 113217.	4.4	21
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16	Thermal management of metal hydride hydrogen storage using phase change materials for standalone solar hydrogen systems: An energy/exergy investigation. International Journal of Hydrogen Energy, 2022, 47, 1735-1751.	3.8	29
17	A 2-D reduced dynamic model for a shell-and-tube based metal hydride reactor for geometry and operation condition optimal design. Applied Thermal Engineering, 2022, 206, 118125.	3.0	2
18	Multi-field coupled modeling of metal hydride hydrogen storage: A resistance atlas for H2 absorption reaction and heat-mass transport. Renewable Energy, 2022, 187, 1118-1129.	4.3	7

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20	A Review on Thermal Coupling of Metal Hydride Storage Tanks with Fuel Cells and Electrolyzers. Energies, 2023, 16, 341.	1.6	4
21	A systematic review on green hydrogen for off-grid communities â€™ technologies, advantages, and limitations. International Journal of Hydrogen Energy, 2023, 48, 19751-19771.	3.8	14
23	Preparation of Fe/Al alloy with variations in composition and its application as hydrogen storage in metal hydride systems. AIP Conference Proceedings, 2023, , .	0.3	0