

CITATION REPORT

List of articles citing

Hydrogen Liquefaction: A Review of the Fundamental Physics, Engineering Practice and Future Opportunities

DOI: 10.1039/d2ee00099g
Energy and Environmental Science, , , .

Source: <https://exaly.com/paper-pdf/135822332/citation-report.pdf>

Version: 2024-04-25

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
32	Efficient Heat Exchange Configuration for Sub-Cooling Cycle of Hydrogen Liquefaction Process. <i>Energies</i> , 2022 , 15, 4560	3.1	1
31	Phase equilibrium in the hydrogen energy chain. <i>Fuel</i> , 2022 , 328, 125324	7.1	6
30	Renewable hydrogen imports for the German energy transition – A comparative life cycle assessment. 2022 , 133289		0
29	Fundamentals of hydrogen storage in nanoporous materials.		2
28	Preparation of hydrogen from metals and water without CO2 emissions. 2022 ,		1
27	Estimation of Liquid Hydrogen Fuels in Aviation. 2022 , 9, 564		1
26	Efficient MOF-Catalyzed Ortho/Para Hydrogen Conversion for Practical Liquefaction and Energy Storage. 4336-4341		0
25	Exergetic sustainability comparison of turquoise hydrogen conversion to low-carbon fuels. 2023 , 384, 135473		0
24	Multi-objective optimization of an innovative integrated system for production and storage of hydrogen with net-zero carbon emissions. 2023 , 276, 116506		0
23	Hydrogen-powered aviation in Germany: A macroeconomic perspective and methodological approach of fuel supply chain integration into an economy-wide dataset. 2022 ,		0
22	Techno-economic and environmental assessment of LNG export for hydrogen production. 2022 ,		0
21	Post Cobalt Doping and Defect Engineering of NbSSe for Efficient Hydrogen Evolution Reaction.		0
20	Hydrogen ortho-para conversion: process sensitivities and optimisation. 2023 , 184, 109272		0
19	An Overview of the Recent Advances in Composite Materials and Artificial Intelligence for Hydrogen Storage Vessels Design. 2023 , 7, 119		0
18	Thermo-economic optimization of a novel hybrid structure for power generation and portable hydrogen and ammonia storage based on magnesium chloride thermochemical process and liquefied natural gas cryogenic energy. 2023 , 403, 136571		0
17	Techno-economic assessment of long-distance supply chains of energy carriers: Comparing hydrogen and iron for carbon-free electricity generation. 2023 , 14, 100128		0
16	Effect of the cathode catalyst loading on mass transfer in toluene direct electrohydrogenation. 2023 , 938, 117431		0

- 15 Photoreforming of Waste Polymers for Sustainable Hydrogen Fuel and Chemicals Feedstock: Waste to Energy. ○
- 14 Theoretical investigation on heat leakage distribution between vapor and liquid in liquid hydrogen tanks. **2023**, ○
- 13 Measurement of hydrogen dispersion in rock cores using benchtop NMR. **2023**, ○
- 12 Hydrogen liquefaction and storage: Recent progress and perspectives. **2023**, 176, 113204 ○
- 11 Blue hydrogen production from natural gas reservoirs: A review of application and feasibility. **2023**, 70, 102438 ○
- 10 Comparative study on ammonia and liquid hydrogen transportation costs in comparison to LNG. **2023**, 15, 100523 ○
- 9 Hydrogen economy driven by offshore wind in regional comprehensive economic partnership members. ○
- 8 Study on Performance Comparison of Two Hydrogen Liquefaction Processes Based on the Claude Cycle and the Brayton Refrigeration Cycle. **2023**, 11, 932 ○
- 7 Reducing Iron Oxide with Ammonia: A Sustainable Path to Green Steel. ○
- 6 Study on the dynamic characteristics of the free piston in the ionic liquid compressor for hydrogen refuelling stations by the fluid-structure interaction modelling. **2023**, ○
- 5 Feasibility of electricity generation based on an ammonia-to-hydrogen-to-power system. ○
- 4 Hydrogen Storage in North America: Status, Prospects, and Challenges. **2023**, 109957 ○
- 3 A review on technologies with electricity generation potentials using liquified natural gas regasification cold energy. ○
- 2 Effects of nitrogen plasma treatments on hydrogen storage capacity of microporous carbon at room temperature and its feasibility as a hydrogen storage material. ○
- 1 Biological Hydrogen Methanation with Carbon Dioxide Utilization: Methanation Acting as Mediator in the Hydrogen Economy. **2023**, 10, 82 ○