

Hydrogen production, storage, transportation and key o review

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Hydrogen is essential for sustainability. Current Opinion in Electrochemistry, 2018, 12, 166-181.	2.5	99
2	Ru/La _{0.5} Pr _{0.5} O _{1.75} Catalyst for Low-Temperature Ammonia Synthesis. ACS Sustainable Chemistry and Engineering, 2018, 6, 17258-17266.	3.2	57
3	Substitution effect of Hf on hydrogen storage capacity and cycling durability of Ti ₂₃ V ₄₀ Mn ₃₇ metal hydride alloys. International Journal of Hydrogen Energy, 2018, 43, 19567-19574.	3.8	20
4	Salt domes in Poland – Potential sites for hydrogen storage in caverns. International Journal of Hydrogen Energy, 2018, 43, 21414-21427.	3.8	103
5	Insight into the adsorption of a liquid organic hydrogen carrier, perhydro- <i>i</i> -dibenzyltoluene (<i>i</i> = <i>m</i> , <i>o</i> , <i>p</i>), on Pt, Pd and PtPd planar surfaces. RSC Advances, 2018, 8, 31895-31904.	1.7	34
6	Comparative study of sensing behavior of brush coated, electrodeposited and pulsed electrodeposited Pt/GDE based amperometric hydrogen sensors. Sensors and Actuators B: Chemical, 2018, 273, 488-497.	4.0	9
7	Catalytic decomposition of undiluted methane into hydrogen and carbon nanotubes over Pt promoted Ni/CeO ₂ catalysts. New Journal of Chemistry, 2018, 42, 14843-14856.	1.4	55
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9	Parameter optimization and thermodynamic analysis of COG direct chemical looping hydrogen processes. Energy Conversion and Management, 2018, 172, 1-8.	4.4	21
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12	Hydrogen-rich syngas production via steam reforming of palm oil mill effluent (POME) – A thermodynamics analysis. International Journal of Hydrogen Energy, 2019, 44, 20711-20724.	3.8	39
13	Enhanced low temperature hydrogen desorption properties and mechanism of Mg(BH ₄) ₂ composited with 2D MXene. International Journal of Hydrogen Energy, 2019, 44, 24292-24300.	3.8	34
14	Recent advances, unsolved deficiencies, and future perspectives of hydrogen fuel cells in transportation and portable sectors. International Journal of Energy Research, 2019, 43, 8931-8955.	2.2	87
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16	Thermodynamic analysis of the influential mechanism of fuel properties on the performance of an indirect precooled hypersonic airbreathing engine and vehicle. Energy Conversion and Management, 2019, 196, 1138-1152.	4.4	20
17	A techno-economic comparison of solar hydrogen production between Morocco and Southern Europe. , 2019, , .		11
18	Multi-objective optimization and analysis of a solar energy driven steam and autothermal combined reforming system with natural gas. Journal of Natural Gas Science and Engineering, 2019, 69, 102927.	2.1	14

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19	Biological hydrogen production: molecular and electrolytic perspectives. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 116.	1.7	27
20	Recent Advances in Power-to-X Technology for the Production of Fuels and Chemicals. <i>Frontiers in Chemistry</i> , 2019, 7, 392.	1.8	112
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