Belkhir Negrou

List of Publications by Year
in descending order

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22 papers	942 citations	516215 16 h-index	642321 23 g-index
24 all docs	24 docs citations	24 times ranked	793 citing authors

#	Article	IF	Citations
1	Geographic information-driven two-stage optimization model for location decision of solar power plant: A case study of an Algerian municipality. Sustainable Cities and Society, 2022, 77, 103567.	5.1	12
2	Design optimization of grid-connected PV-Hydrogen for energy prosumers considering sector-coupling paradigm: Case study of a university building in Algeria. International Journal of Hydrogen Energy, 2021, 46, 37564-37582.	3.8	55
3	A high-resolution geographic information system-analytical hierarchy process-based method for solar PV power plant site selection: a case study Algeria. Clean Technologies and Environmental Policy, 2021, 23, 219-234.	2.1	37
4	Design optimization of off-grid Hybrid Renewable Energy Systems considering the effects of building energy performance and climate change: Case study of Algeria. Energy, 2021, 219, 119605.	4.5	129
5	Thermal Control for Electric Vehicle Based on the Multistack Fuel Cells. Energy Technology, 2021, 9, 2100242.	1.8	6
6	Optimal design of grid-connected rooftop PV systems: An overview and a new approach with application to educational buildings in arid climates. Sustainable Energy Technologies and Assessments, 2021, 47, 101468.	1.7	18
7	Reliability degradation prediction of photovoltaic modules based on dependability methods. International Journal of Quality and Reliability Management, 2021, ahead-of-print, .	1.3	1
8	Preliminary hazard identification for risk assessment on a complex system for hydrogen production. International Journal of Hydrogen Energy, 2020, 45, 11855-11865.	3.8	25
9	Integrated supplyâ€“demand energy management for optimal design of off-grid hybrid renewable energy systems for residential electrification in arid climates. Energy Conversion and Management, 2020, 221, 113192.	4.4	146
10	GIS based multi-criteria decision making for solar hydrogen production sites selection in Algeria. International Journal of Hydrogen Energy, 2019, 44, 31808-31831.	3.8	84
11	Site selection methodology for the wind-powered hydrogen refueling station based on AHP-GIS in Adrar, Algeria. Energy Procedia, 2019, 162, 67-76.	1.8	56
12	Pathways to plus-energy buildings in Algeria: design optimization method based on GIS and multi-criteria decision-making. Energy Procedia, 2019, 162, 171-180.	1.8	28
13	GIS-Based Method for Future Prospect of Energy Supply in Algerian Road Transport Sector Using Solar Roads Technology. Energy Procedia, 2019, 162, 221-230.	1.8	18
14	Prospects of hydrogen production potential from renewable resources in Algeria. International Journal of Hydrogen Energy, 2017, 42, 1383-1395.	3.8	91
15	GIS-based method for future prospect of hydrogen demand in the Algerian road transport sector. International Journal of Hydrogen Energy, 2016, 41, 2128-2143.	3.8	38
16	GIS-based analysis of hydrogen production from geothermal electricity using CO2 as working fluid in Algeria. International Journal of Hydrogen Energy, 2015, 40, 15244-15253.	3.8	44
17	A Technical, Economic and Environmental Analysis of Combining Geothermal Energy with Carbon Sequestration for Hydrogen Production. Energy Procedia, 2014, 50, 263-269.	1.8	35
18	Valuation and Estimation of Geothermal Electricity Production Using Carbon Dioxide as Working Fluid in the South of Algeria. Energy Procedia, 2013, 36, 967-976.	1.8	7

#	Article	IF	Citations
19	Optimization of PEM Fuel Cells for PV-Hydrogen Power System. Energy Procedia, 2013, 36, 798-807.	1.8	10
20	Experimental Study And Simulation Of Airflow In Solar Chimneys. Energy Procedia, 2012, 18, 1289-1298.	1.8	42
21	Valuation and development of the solar hydrogen production. International Journal of Hydrogen Energy, 2011, 36, 4110-4116.	3.8	32
22	Simulation of species transport and water management in PEM fuel cells. International Journal of Hydrogen Energy, 2011, 36, 4220-4227.	3.8	25