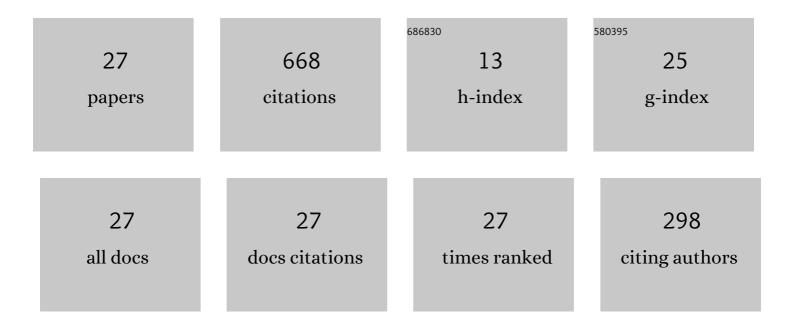
Khalid Almutairi

List of Publications by Year in descending order

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KHALID ALMIITAIDI

#	Article	IF	CITATIONS
1	Blockchain Technology Application Challenges in Renewable Energy Supply Chain Management. Environmental Science and Pollution Research, 2023, 30, 72041-72058.	2.7	39
2	A review on applications of solar energy for preheating in power plants. AEJ - Alexandria Engineering Journal, 2022, 61, 5283-5294.	3.4	18
3	DYNAMIC SIMULATION AND RANKING OF USING RESIDENTIAL-SCALE SOLAR WATER HEATER IN IRAN. Journal of Environmental Engineering and Landscape Management, 2022, 30, 30-42.	0.4	8
4	A Thorough Economic Evaluation by Implementing Solar/Wind Energies for Hydrogen Production: A Case Study. Sustainability, 2022, 14, 1177.	1.6	22
5	Impact of economic and government investment in residential solar power plant on energy system sustainability. Sustainable Energy Technologies and Assessments, 2022, 52, 102050.	1.7	5
6	Determination of optimal renewable energy growth strategies using <scp>SWOT</scp> analysis, hybrid <scp>MCDM</scp> methods, and game theory: A case study. International Journal of Energy Research, 2022, 46, 6766-6789.	2.2	38
7	Determining the appropriate location for renewable hydrogen development using multiâ€criteria decisionâ€making approaches. International Journal of Energy Research, 2022, 46, 5876-5895.	2.2	7
8	A TLBO-Tuned Neural Processor for Predicting Heating Load in Residential Buildings. Sustainability, 2022, 14, 5924.	1.6	12
9	An economic investigation of the wind-hydrogen projects: A case study. International Journal of Hydrogen Energy, 2022, 47, 25880-25898.	3.8	12
10	Evaluation of wind power generation projects to reduce air pollution using multi-criteria decision-making methods in Saudi Arabia. Environmental Science and Pollution Research, 2022, 29, 88587-88605.	2.7	5
11	A Novel Policy to Optimize Energy Consumption for Dairy Product Warehouses: A Case Study. Sustainability, 2021, 13, 2445.	1.6	2
12	Ranking Locations for Hydrogen Production Using Hybrid Wind-Solar: A Case Study. Sustainability, 2021, 13, 4524.	1.6	35
13	Techno-Economic Investigation of Using Solar Energy for Heating Swimming Pools in Buildings and Producing Hydrogen: A Case Study. Frontiers in Energy Research, 2021, 9, .	1.2	7
14	A thorough investigation for development of hydrogen projects from wind energy: A case study. International Journal of Hydrogen Energy, 2021, 46, 18795-18815.	3.8	52
15	Performance optimization of a new flash-binary geothermal cycle for power/hydrogen production with zeotropic fluid. Journal of Thermal Analysis and Calorimetry, 2021, 145, 1633-1650.	2.0	27
16	Technical, economic, carbon footprint assessment, and prioritizing stations for hydrogen production using wind energy: A case study. Energy Strategy Reviews, 2021, 36, 100684.	3.3	62
17	Simulation of Wellbore Drilling Energy Saving of Nanofluids Using an Experimental Taylor–Couette Flow System. Journal of Petroleum Exploration and Production, 2021, 11, 2963-2979.	1.2	7
18	Technoâ€economic analysis and energy performance of a geothermal earthâ€ŧoâ€air heat exchanger (EAHE) system in residential buildings: A case study. Energy Science and Engineering, 2021, 9, 1807-1825.	1.9	8

KHALID ALMUTAIRI

#	Article	IF	CITATIONS
19	Use of a Hybrid Wind—Solar—Diesel—Battery Energy System to Power Buildings in Remote Areas: A Case Study. Sustainability, 2021, 13, 8764.	1.6	40
20	Introducing a Rheology Model for Non-Newtonian Drilling Fluids. Geofluids, 2021, 2021, 1-14.	0.3	4
21	A thorough analysis of renewable hydrogen projects development in Uzbekistan using MCDM methods. International Journal of Hydrogen Energy, 2021, 46, 31174-31190.	3.8	37
22	Experimental Analysis of Modified DC-P&O Technique with Arm Controller for a Stand-Alone 40 W PV System. Energies, 2021, 14, 6169.	1.6	9
23	Experimental investigation of dehumidification process regulated by the photothermoelectric system. Water Science and Technology, 2021, 84, 3211-3226.	1.2	1
24	Improving Heat Transfer of Plate-Fin Heat Sinks Using Through Rod Configurations. Journal of Thermal Science and Engineering Applications, 2021, 13, .	0.8	7
25	Implementing MCDM Techniques for Ranking Renewable Energy Projects under Fuzzy Environment: A Case Study. Sustainability, 2021, 13, 12858.	1.6	22
26	Review of Online and Soft Computing Maximum Power Point Tracking Techniques under Non-Uniform Solar Irradiation Conditions. Energies, 2020, 13, 3256.	1.6	36
27	Investigation of MPPT Techniques Under Uniform and Non-Uniform Solar Irradiation Condition–A Retrospection. IEEE Access, 2020, 8, 127368-127392.	2.6	146