

Mohammad Amin Vaziri Rad

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

820
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

584
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic evaluation of stand-alone energy supply to a health clinic considering pandemic diseases (COVID-19) challenge. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 51, 101909.	2.7	4
2	Techno-financial evaluation of a hybrid renewable solution for supplying the predicted power outages by machine learning methods in rural areas. <i>Renewable Energy</i> , 2022, 194, 1303-1325.	8.9	21
3	Optimal sizing of an integrated CHP and desalination system as a polygeneration plant for supplying rural demands. <i>Energy</i> , 2022, 258, 124820.	8.8	14
4	Empirical investigation of a photovoltaic-thermal system with phase change materials and aluminum shavings porous media. <i>Renewable Energy</i> , 2021, 167, 662-675.	8.9	52
5	Cavity receivers in solar dish collectors: A geometric overview. <i>Renewable Energy</i> , 2021, 169, 53-79.	8.9	44
6	A new decision-making process by integration of exergy analysis and techno-economic optimization tool for the evaluation of hybrid renewable systems. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 45, 101196.	2.7	13
7	Energetic and exergetic evaluation of a photovoltaic thermal module cooled by hybrid nanofluids in the microchannel. <i>Solar Energy Advances</i> , 2021, 1, 100005.	3.0	9
8	Techno-economic analysis of a hybrid power system based on the cost-effective hydrogen production method for rural electrification, a case study in Iran. <i>Energy</i> , 2020, 190, 116421.	8.8	154
9	Feasibility study of on/off grid large-scale PV/WT/WEC hybrid energy system in coastal cities: A case-based research. <i>Renewable Energy</i> , 2020, 162, 2075-2095.	8.9	52
10	Techno-economic assessment of a hybrid system for energy supply in the affected areas by natural disasters: A case study. <i>Energy Conversion and Management</i> , 2020, 221, 113170.	9.2	21
11	A comprehensive study of techno-economic and environmental features of different solar tracking systems for residential photovoltaic installations. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 129, 109923.	16.4	73
12	Experimental analysis of a photovoltaic/thermoelectric generator using cobalt oxide nanofluid and phase change material heat sink. <i>Energy Conversion and Management</i> , 2020, 212, 112780.	9.2	116
13	Feasibility study of a zero emission PV/Wind turbine/Wave energy converter hybrid system for stand-alone power supply: A case study. <i>Journal of Cleaner Production</i> , 2020, 262, 121250.	9.3	75
14	Optimal design and technical analysis of a grid-connected hybrid photovoltaic/diesel/biogas under different economic conditions: A case study. <i>Energy Conversion and Management</i> , 2019, 198, 111810.	9.2	89
15	A techno-economic comparison of a photovoltaic/thermal organic Rankine cycle with several renewable hybrid systems for a residential area in Rayen, Iran. <i>Energy Conversion and Management</i> , 2019, 195, 244-261.	9.2	83