

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 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Cavity receivers in solar dish collectors: A geometric overview. <i>Renewable Energy</i> , 2021, 169, 53-79. | 8.9 | 44 |
| 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 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |