

Mohammad Ali Emadi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5881449/publications.pdf>

Version: 2024-02-01

11
papers

944
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

565
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and exergoeconomic evaluation of a SOFC-GT driven multi-generation system to supply residential demands: Electricity, fresh water and hydrogen. International Journal of Hydrogen Energy, 2021, 46, 17932-17954.	7.1	65
2	Working-fluid selection and thermoeconomic optimisation of a combined cycle cogeneration dual-loop organic Rankine cycle (ORC) system for solid oxide fuel cell (SOFC) waste-heat recovery. Applied Energy, 2020, 261, 114384.	10.1	205
3	Performance assessment and optimization of a biomass-based solid oxide fuel cell and micro gas turbine system integrated with an organic Rankine cycle. International Journal of Hydrogen Energy, 2020, 45, 6262-6277.	7.1	96
4	Exergoeconomic optimization of a solar driven system with reverse osmosis desalination unit and phase change material thermal energy storages. Energy Conversion and Management, 2019, 199, 112042.	9.2	69
5	Investigation of a novel multigeneration system driven by a SOFC for electricity and fresh water production. Energy Conversion and Management, 2019, 196, 296-310.	9.2	115
6	Modeling and thermo-economic optimization of a new multi-generation system with geothermal heat source and LNG heat sink. Energy Conversion and Management, 2019, 189, 153-166.	9.2	89
7	Thermal and economic modeling and optimization of a novel combined ejector refrigeration cycle. International Journal of Refrigeration, 2019, 98, 480-493.	3.4	55
8	Performance evaluation of an integrated hydrogen production system with LNG cold energy utilization. International Journal of Hydrogen Energy, 2018, 43, 22075-22087.	7.1	42
9	Energy and exergy investigation of a combined cooling, heating, power generation, and seawater desalination system. Applied Thermal Engineering, 2018, 140, 814-827.	6.0	69
10	4E analysis and multi-objective optimization of a CCHP cycle based on gas turbine and ejector refrigeration. Applied Thermal Engineering, 2018, 141, 516-530.	6.0	137
11	Energy and environmental analysis of a natural gas pressure reduction station equipped with turboexpander, solar collector, and storage tank. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	2