

Mohammad Ali Emadi

List of Publications by Year in descending order

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