

Mohammad Sameti

List of Publications by Year in descending order

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25
papers

1,125
citations

623699

14
h-index

610883

24
g-index

26
all docs

26
docs citations

26
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on the applications of nanofluids in solar energy systems. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 43, 584-598.	16.4	309
2	Optimization approaches in district heating and cooling thermal network. <i>Energy and Buildings</i> , 2017, 140, 121-130.	6.7	140
3	Compressed air energy storage in integrated energy systems: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 167, 112701.	16.4	105
4	Integration of distributed energy storage into net-zero energy district systems: Optimum design and operation. <i>Energy</i> , 2018, 153, 575-591.	8.8	98
5	Thermo-ecological analysis and optimization performance of an irreversible three-heat-source absorption heat pump. <i>Energy Conversion and Management</i> , 2015, 90, 175-183.	9.2	79
6	Optimization of 4th generation distributed district heating system: Design and planning of combined heat and power. <i>Renewable Energy</i> , 2019, 130, 371-387.	8.9	70
7	Numerical simulation of combined solar passive heating and radiative cooling for a building. <i>Building Simulation</i> , 2015, 8, 239-253.	5.6	41
8	Simulation and multi-objective optimization of a combined heat and power (CHP) system integrated with low-energy buildings. <i>Journal of Building Engineering</i> , 2016, 5, 13-23.	3.4	37
9	Heat transfer network for a parabolic trough collector as a heat collecting element using nanofluid. <i>Renewable Energy</i> , 2018, 123, 439-449.	8.9	35
10	Hybrid solar and heat-driven district cooling system: Optimal integration and control strategy. <i>Solar Energy</i> , 2019, 183, 260-275.	6.1	29
11	Prediction of solar Stirling power generation in smart grid by GA-ANN model. <i>International Journal of Computer Applications in Technology</i> , 2017, 55, 147.	0.5	25
12	Optimisation of a combined Stirling cycle–organic Rankine cycle using a genetic algorithm. <i>International Journal of Ambient Energy</i> , 2016, 37, 398-402.	2.5	20
13	Biomass-fuelled combined heat and power: integration in district heating and thermal-energy storage. <i>Clean Energy</i> , 2021, 5, 44-56.	3.2	19
14	Biodiesel from fish waste oil: synthesis via supercritical methanol and thermodynamic optimization. <i>Clean Energy</i> , 2021, 5, 187-195.	3.2	15
15	Multi-objective performance optimization of irreversible molten carbonate fuel cell–Stirling heat engine–reverse osmosis and thermodynamic assessment with ecological objective approach. <i>Energy Science and Engineering</i> , 2018, 6, 783-796.	4.0	14
16	An enviro-economic optimization of a hybrid energy system from biomass and geothermal resources for low-enthalpy areas. <i>Energy and Climate Change</i> , 2021, 2, 100040.	4.4	12
17	Simulation of solar absorption refrigeration cycle with CuO nanofluid for summer cooling of a residential building. <i>Thermal Science and Engineering Progress</i> , 2022, 34, 101419.	2.7	9
18	Thermodynamic study and performance simulation of a renewable-based Kalina cycle in distributed generation. <i>International Journal of Modelling and Simulation</i> , 2017, 37, 54-66.	3.3	8

#	ARTICLE	IF	CITATIONS
19	Numerical modelling and optimization of the finite-length overhang for passive solar space heating. Intelligent Buildings International, 2017, 9, 204-221.	2.3	7
20	Numerical simulation of solar-driven Kalina cycle performance for centralized residential buildings in Iran. Intelligent Buildings International, 2018, 10, 197-219.	2.3	7
21	A new design of a solar water storage wall: a system-level model and simulation. Energy Systems, 2018, 9, 361-383.	3.0	7
22	Prediction of solar Stirling power generation in smart grid by GA-ANN model. International Journal of Computer Applications in Technology, 2017, 55, 147.	0.5	5
23	Thermodynamic optimisation of irreversible refrigerators base on NSGAll. International Journal of Renewable Energy Technology, 2015, 6, 261.	0.3	2
24	Green Power Through Modulated Single-Pool Tidal Energy System. , 0, , .		0
25	Optimum Annual Electricity Cost Through On-Site Renewable Energy Generation and V2H Technology. , 0, , .		0