Mohammad Sameti

List of Publications by Year
in descending order

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Version: 2024-02-01

25 papers	1,125 citations	623734 14 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	1164 citing authors

#	Article	IF	Citations
1	Simulation of solar absorption refrigeration cycle with CuO nanofluid for summer cooling of a residential building. Thermal Science and Engineering Progress, 2022, 34, 101419.	2.7	9
2	Compressed air energy storage in integrated energy systems: A review. Renewable and Sustainable Energy Reviews, 2022, 167, 112701.	16.4	105
3	Biomass-fuelled combined heat and power: integration in district heating and thermal-energy storage. Clean Energy, 2021, 5, 44-56.	3.2	19
4	Biodiesel from fish waste oil: synthesis via supercritical methanol and thermodynamic optimization. Clean Energy, 2021, 5, 187-195.	3.2	15
5	An enviro-economic optimization of a hybrid energy system from biomass and geothermal resources for low-enthalpy areas. Energy and Climate Change, 2021, 2, 100040.	4.4	12
6	Optimization of 4th generation distributed district heating system: Design and planning of combined heat and power. Renewable Energy, 2019, 130, 371-387.	8.9	70
7	Hybrid solar and heat-driven district cooling system: Optimal integration and control strategy. Solar Energy, 2019, 183, 260-275.	6.1	29
8	Heat transfer network for a parabolic trough collector as a heat collecting element using nanofluid. Renewable Energy, 2018, 123, 439-449.	8.9	35
9	Numerical simulation of solar-driven Kalina cycle performance for centralized residential buildings in Iran. Intelligent Buildings International, 2018, 10, 197-219.	2.3	7
10	A new design of a solar water storage wall: a system-level model and simulation. Energy Systems, 2018, 9, 361-383.	3.0	7
11	Multiâ€objective performance optimization of irreversible molten carbonate fuel cellâ€“Stirling heat engineâ€“reverse osmosis and thermodynamic assessment with ecological objective approach. Energy Science and Engineering, 2018, 6, 783-796.	4.0	14
12	Integration of distributed energy storage into net-zero energy district systems: Optimum design and operation. Energy, 2018, 153, 575-591.	8.8	98
13	Numerical modelling and optimization of the finite-length overhang for passive solar space heating. Intelligent Buildings International, 2017, 9, 204-221.	2.3	7
14	Optimization approaches in district heating and cooling thermal network. Energy and Buildings, 2017, 140, 121-130.	6.7	140
15	Thermodynamic study and performance simulation of a renewable-based Kalina cycle in distributed generation. International Journal of Modelling and Simulation, 2017, 37, 54-66.	3.3	8
16	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	25
17	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
18	Optimisation of a combined Stirling cycleâ€“organic Rankine cycle using a genetic algorithm. International Journal of Ambient Energy, 2016, 37, 398-402.	2.5	20

#	Article	IF	Citations
19	Simulation and multi-objective optimization of a combined heat and power (CHP) system integrated with low-energy buildings. Journal of Building Engineering, 2016, 5, 13-23.	3.4	37
20	Thermodynamic optimisation of irreversible refrigerators base on NSGAII. International Journal of Renewable Energy Technology, 2015, 6, 261.	0.3	2
21	Numerical simulation of combined solar passive heating and radiative cooling for a building. Building Simulation, 2015, 8, 239-253.	5.6	41
22	A review on the applications of nanofluids in solar energy systems. Renewable and Sustainable Energy Reviews, 2015, 43, 584-598.	16.4	309
23	Thermo-ecological analysis and optimization performance of an irreversible three-heat-source absorption heat pump. Energy Conversion and Management, 2015, 90, 175-183.	9.2	79
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