Jahedul Islam Chowdhury

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8116175/publications.pdf

Version: 2024-02-01

19	485	933447	1058476
papers	citations	10	14
		h-index	g-index

19	19	19	305
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review on second-life of Li-ion batteries: prospects, challenges, and issues. Energy, 2022, 241, 122881.	8.8	192
2	Reducing industrial energy demand in the UK: A review of energy efficiency technologies and energy saving potential in selected sectors. Renewable and Sustainable Energy Reviews, 2018, 94, 1153-1178.	16.4	110
3	Optimising renewable energy integration in new housing developments with low carbon technologies. Renewable Energy, 2021, 169, 527-540.	8.9	30
4	Techno-environmental analysis of battery storage for grid level energy services. Renewable and Sustainable Energy Reviews, 2020, 131, 110018.	16.4	27
5	Modelling of Evaporator in Waste Heat Recovery System using Finite Volume Method and Fuzzy Technique. Energies, 2015, 8, 14078-14097.	3.1	25
6	Techno-economic optimisation of battery storage for grid-level energy services using curtailed energy from wind. Journal of Energy Storage, 2021, 39, 102641.	8.1	17
7	Dynamic model of supercritical Organic Rankine Cycle waste heat recovery system for internal combustion engine. International Journal of Automotive Technology, 2017, 18, 589-601.	1.4	14
8	Modelling and simulation of steel reheating processes under oxy-fuel combustion conditions â€“ Technical and environmental perspectives. Energy, 2019, 185, 730-743.	8.8	14
9	Control of Supercritical Organic Rankine Cycle based Waste Heat Recovery System Using Conventional and Fuzzy Self-tuned PID Controllers. International Journal of Control, Automation and Systems, 2019, 17, 2969-2981.	2.7	13
10	Fuzzy Nonlinear Dynamic Evaporator Model in Supercritical Organic Rankine Cycle Waste Heat Recovery Systems. Energies, 2018, 11, 901.	3.1	12
11	Design Optimization of Supercritical Carbon Dioxide (s-CO2) Cycles for Waste Heat Recovery From Marine Engines. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	2.3	11
12	Investigation of waste heat recovery system at supercritical conditions with vehicle drive cycles. Journal of Mechanical Science and Technology, 2017, 31, 923-936.	1.5	8
13	Techno-Economic Assessment of Waste Heat Recovery Technologies for the Food Processing Industry. Energies, 2020, 13, 6446.	3.1	5
14	Optimal Scheduling of Multi-Carrier Energy Networks Considering Liquid Air Energy Storage. , 2018, , .		3
15	A Numerical Thermal Analysis of a Battery Pack in an Electric Motorbike Application. Designs, 2022, 6, 60.	2.4	3
16	Simulation of waste heat recovery system with fuzzy based evaporator model. , 2017, , .		1
17	Fuzzy Based Evaporator Model in Waste Heat Recovery System. , 0, , .		0
18	Thermal Performance Analysis of Flameless Oxy-fuel Combustion Trials on a Reheating Furnace Using Zone Method-based Models. DEStech Transactions on Environment Energy and Earth Science, 2019, , .	0.0	0

#	Article	IF	Citations
19	Feasibility Study of Biomass Gasification Integrated with Reheating Furnaces in Steelmaking Process. DEStech Transactions on Environment Energy and Earth Science, 2019, , .	0.0	0