

Jahedul Islam Chowdhury

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

485
citations

933447

10
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

305
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Fuzzy Based Evaporator Model in Waste Heat Recovery System. , 0, , .		0