

Ali Habibollahzade

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,700
citations

331259

21
h-index

610482

24
g-index

25
all docs

25
docs citations

25
times ranked

868
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative thermo-economic analysis of geothermal energy recovery via super/transcritical and subcritical organic Rankine cycles. Energy Conversion and Management, 2022, 251, 115000.	4.4	32
2	Application of multiobjective Gray Wolf Optimization in gasification-based problems. , 2022, , 133-156.		0
3	Continuous power generation through a novel solar/geothermal chimney system: Technical/cost analyses and multi-objective particle swarm optimization. Journal of Cleaner Production, 2021, 283, 124666.	4.6	35
4	Biomass gasification using various gasification agents: Optimum feedstock selection, detailed numerical analyses and tri-objective grey wolf optimization. Journal of Cleaner Production, 2021, 284, 124718.	4.6	71
5	Exergoeconomic and environmental optimisations of multigeneration biomass-based solid oxide fuel cell systems with reduced CO ₂ emissions. International Journal of Energy Research, 2021, 45, 10450-10477.	2.2	13
6	Thermal management of building-integrated photovoltaic/thermal systems: A comprehensive review. Solar Energy, 2021, 216, 188-210.	2.9	38
7	Syngas-fueled solid oxide fuel cell functionality improvement through appropriate feedstock selection and multi-criteria optimization using Air/O ₂ -enriched-air gasification agents. Applied Energy, 2021, 286, 116497.	5.1	33
8	Comparative thermo-economic analyses and multi-objective particle swarm optimization of geothermal combined cooling and power systems. Energy Conversion and Management, 2021, 234, 113921.	4.4	25
9	Multi-objective grey wolf optimization of solar chimneys based on an improved model incorporating a wind turbine power curve. Energy Conversion and Management, 2021, 239, 114231.	4.4	7
10	4E analysis of efficient waste heat recovery from SOFC using APC: An effort to reach maximum efficiency and minimum emission through an application of grey wolf optimization. International Journal of Hydrogen Energy, 2021, 46, 23879-23897.	3.8	31
11	Improved performance and environmental indicators of a municipal solid waste fired plant through CO ₂ recycling: Exergoeconomic assessment and multi-criteria grey wolf optimisation. Energy Conversion and Management, 2020, 225, 113451.	4.4	30
12	Multi-objective optimization of a hybrid biomass-based SOFC/GT/double effect absorption chiller/RO desalination system with CO ₂ recycle. Energy Conversion and Management, 2019, 181, 302-318.	4.4	136
13	Multi-objective design optimization of a solar based system for electricity, cooling, and hydrogen production. Energy, 2019, 169, 696-709.	4.5	94
14	Multi-objective optimization and comparative performance analysis of hybrid biomass-based solid oxide fuel cell/solid oxide electrolyzer cell/gas turbine using different gasification agents. Applied Energy, 2019, 233-234, 985-1002.	5.1	130
15	Employing photovoltaic/thermal panels as a solar chimney roof: 3E analyses and multi-objective optimization. Energy, 2019, 166, 118-130.	4.5	34
16	Enhanced power generation through integrated renewable energy plants: Solar chimney and waste-to-energy. Energy Conversion and Management, 2018, 166, 48-63.	4.4	74
17	Exergoeconomic assessment and multi-objective optimization of a solar chimney integrated with waste-to-energy. Solar Energy, 2018, 176, 30-41.	2.9	46
18	Multi-objective optimization of biomass-based solid oxide fuel cell integrated with Stirling engine and electrolyzer. Energy Conversion and Management, 2018, 171, 1116-1133.	4.4	128

#	ARTICLE	IF	CITATIONS
19	Multi-criteria optimization of an integrated energy system with thermoelectric generator, parabolic trough solar collector and electrolysis for hydrogen production. International Journal of Hydrogen Energy, 2018, 43, 14140-14157.	3.8	180
20	Evolutionary based multi-criteria optimization of an integrated energy system with SOFC, gas turbine, and hydrogen production via electrolysis. International Journal of Hydrogen Energy, 2018, 43, 16201-16214.	3.8	84
21	Multi-objective optimization and exergoeconomic analysis of waste heat recovery from Tehran's waste-to-energy plant integrated with an ORC unit. Energy, 2018, 160, 1055-1068.	4.5	145
22	Energy, exergy and exergoeconomic (3E) analyses and multi-objective optimization of a solar and geothermal based integrated energy system. Applied Thermal Engineering, 2018, 143, 1011-1022.	3.0	116
23	Development and multi-objective optimization of geothermal-based organic Rankine cycle integrated with thermoelectric generator and proton exchange membrane electrolyzer for power and hydrogen production. Energy Conversion and Management, 2018, 174, 112-125.	4.4	139
24	Multi-criteria optimization and comparative performance analysis of a power plant fed by municipal solid waste using a gasifier or digester. Energy Conversion and Management, 2018, 171, 863-878.	4.4	62
25	MHD wedge flow of nanofluids with an analytic solution to an especial case by Lambert W-function and Homotopy Perturbation Method. Engineering Science and Technology, an International Journal, 2017, 20, 1515-1530.	2.0	17