

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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	Multi-objective design optimization of a solar based system for electricity, cooling, and hydrogen production. Energy, 2019, 169, 696-709.	4.5	94
9	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
10	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
11	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
12	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
13	Exergoeconomic assessment and multi-objective optimization of a solar chimney integrated with waste-to-energy. Solar Energy, 2018, 176, 30-41.	2.9	46
14	Thermal management of building-integrated photovoltaic/thermal systems: A comprehensive review. Solar Energy, 2021, 216, 188-210.	2.9	38
15	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
16	Employing photovoltaic/thermal panels as a solar chimney roof: 3E analyses and multi-objective optimization. Energy, 2019, 166, 118-130.	4.5	34
17	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
18	Comparative thermoeconomic analysis of geothermal energy recovery via super/transcritical and subcritical organic Rankine cycles. Energy Conversion and Management, 2022, 251, 115008.	4.4	32

#	ARTICLE	IF	CITATIONS
19	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
20	Improved performance and environmental indicators of a municipal solid waste fired plant through CO2 recycling: Exergoeconomic assessment and multi-criteria grey wolf optimisation. Energy Conversion and Management, 2020, 225, 113451.	4.4	30
21	Comparative thermoeconomic analyses and multi-objective particle swarm optimization of geothermal combined cooling and power systems. Energy Conversion and Management, 2021, 234, 113921.	4.4	25
22	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
23	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
24	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
25	Application of multiobjective Gray Wolf Optimization in gasification-based problems. , 2022, , 133-156.		0