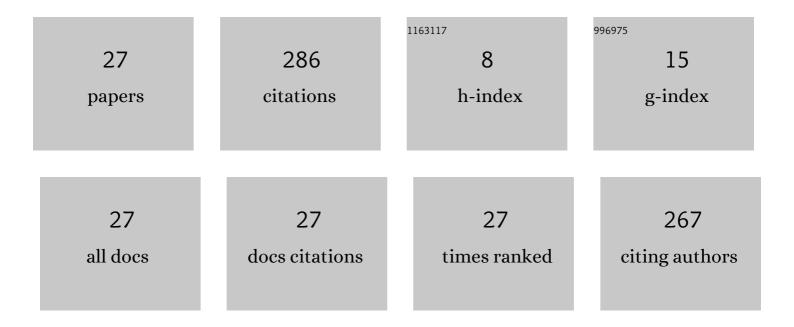
Gholam Reza Salehi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A New Algorithm for the Design of Site Utility for Combined Production of Power, Freshwater, and Steam in Process Industries. Journal of Energy Resources Technology, Transactions of the ASME, 2022, 144, .	2.3	2
2	Exergy and exergoeconomic analyses of serial and bypass two-stage compression on the household refrigerator-freezer and replacement of R436A refrigerant. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2022, 236, 137-158.	1.4	3
3	Optimization of a Thermal Cracking Reactor Using Genetic Algorithm and Water Cycle Algorithm. ACS Omega, 2022, 7, 12493-12508.	3.5	4
4	Comparative thermoeconomic optimization and exergoenvironmental analysis of an ejector refrigeration cycle integrated with a cogeneration system utilizing waste exhaust heat recovery. Environmental Progress and Sustainable Energy, 2022, 41, .	2.3	6
5	Dynamic Simulation and Comparison of a Combined Heat and Power System With/Without Thermal Energy Storage. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	2.3	2
6	Entropy Generation Analysis of a Thermal Cracking Reactor. ACS Omega, 2021, 6, 6335-6347.	3.5	2
7	Exergetic and Exergoeconomic Optimization of Gas Turbine Inlet Air Cooling Systems with Absorption or Compression Chilling. International Journal of Thermodynamics, 2021, 24, 93-107.	1.0	3
8	Effect of Using Hybrid Nanofluid in Thermal Management of Photovoltaic Panel in Hot Climates. International Journal of Photoenergy, 2021, 2021, 1-8.	2.5	8
9	Energy, exergy, and environmental analysis of meeting cooling demand of a ship with waste heat recovery. Energy Efficiency, 2021, 14, 1.	2.8	1
10	Advanced Exergy, Exergoeconomic, Exergoenvironmental Evaluation of a Solar Hybrid Trigeneration System Based on Solar Gas Turbine for an Office Building. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	2.3	4
11	Artificial Neural Network Modeling and Numerical Simulation of Syngas Fuel and Injection Timing Effects on the Performance and Emissions of a Heavy-Duty Compression Ignition Engine. ACS Omega, 2021, 6, 32379-32394.	3.5	2
12	Optimization and advance thermodynamic analysis of dual stage Co2 power cycle combined to gas turbine. Heat and Mass Transfer, 2020, 56, 75-94.	2.1	2
13	3D CFD Modeling and Optimization of a Cylindrical Porous Bed Reactor for Hydrogen Production using Steam Reforming of Methane. Petroleum Chemistry, 2020, 60, 1251-1259.	1.4	3
14	Design, exergy and exergoeconomic analysis and optimization of a CCHP + TES for the use in a complex building. Building Services Engineering Research and Technology, 2020, 41, 727-744.	1.8	4
15	4E analyses and multi-objective optimization of cascade refrigeration cycles with heat recovery system. Thermal Science and Engineering Progress, 2020, 19, 100613.	2.7	11
16	Thermodynamic and Exergoeconomic Evaluation of Heat Recovery of Gas Refinery Steam Network Using Organic Rankine Cycle and Kalina Cycle with Different Fluids. Journal of Energy Engineering - ASCE, 2020, 146, .	1.9	10
17	Comparison of Exergy and Advanced Exergy Analysis in Three Different Organic Rankine Cycles. Processes, 2020, 8, 586.	2.8	40
18	Comparative 4E and advanced exergy analyses and multi-objective optimization of refrigeration cycles with a heat recovery system. International Journal of Thermodynamics, 2020, 23, 197-214.	1.0	9

#	Article	IF	CITATIONS
19	An enhanced operation model for energy storage system of a typical combined cool, heat and power based on demand response program: The application of mixed integer linear programming. Building Services Engineering Research and Technology, 2019, 40, 47-74.	1.8	15
20	Developing operation of combined cooling, heat, and power system based on energy hub in a micro-energy grid: The application of energy storages. Energy and Environment, 2019, 30, 1356-1379.	4.6	14
21	Design of structure and optimization of organic Rankine cycle for heat recovery from gas turbine: The use of 4E, advanced exergy and advanced exergoeconomic analysis. Applied Thermal Engineering, 2019, 147, 272-290.	6.0	28
22	A new method to boost performance of heat recovery steam generators by integrating pinch and exergy analyses. Advances in Mechanical Engineering, 2018, 10, 168781401877787.	1.6	6
23	Simulation and optimization of refrigeration cycle in NGL recovery plants with exergy-pinch analysis. Journal of Natural Gas Science and Engineering, 2012, 7, 35-43.	4.4	66
24	Energy, exergy, exergoeconomic and exergoenvironmental analysis and optimization of a solar hybrid CCHP system. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-21.	2.3	16
25	Technical, economic, and environmental assessment of flare gas recovery system: a case study. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-13.	2.3	20
26	Thermoeconomic analysis of a new waste heat recovery system for large marine diesel engine and comparison with two other configurations. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-26.	2.3	5
27	Feasibility study of a hybrid gridâ€tied photovoltaic â€wave system on the shores of Persian Gulf. Environmental Progress and Sustainable Energy, 0, , e13665.	2.3	Ο