

# Gholam Reza Salehi

## List of Publications by Year in descending order

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27  
papers

286  
citations

1163117

8  
h-index

996975

15  
g-index

27  
all docs

27  
docs citations

27  
times ranked

267  
citing authors

| #  | 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 Trigeration 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 grid-tied photovoltaic wave system on the shores of Persian Gulf. Environmental Progress and Sustainable Energy, 0, , e13665.   | 2.3 | 0         |