

Amir Ghasemi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

724
citations

516561

16
h-index

940416

16
g-index

17
all docs

17
docs citations

17
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal energy hub development to supply heating, cooling, electricity and freshwater for a coastal urban area taking into account economic and environmental factors. <i>Energy</i> , 2022, 238, 121743.	4.5	30
2	Techno-economic, environmental and energy analysis and optimization of integrated solar parabolic trough collector and multi effect distillation systems with a combined cycle power plant. <i>Energy</i> , 2022, 240, 122499.	4.5	20
3	Comprehensive Techno-Economic Analysis of a Multi-Feedstock Biorefinery Plant in Oil-Rich Country: A Case Study of Iran. <i>Sustainability</i> , 2022, 14, 1017.	1.6	31
4	Simultaneous synthesis of H ₂ , O ₂ , and N ₂ via an innovatory energy system in Coronavirus pandemic time: Design, techno-economic assessment, and optimization approaches. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 26038-26052.	3.8	28
5	Soft computing investigation of stand-alone gas turbine and hybrid gas turbine–solid oxide fuel cell systems via artificial intelligence and multi-objective grey wolf optimizer. <i>Energy Reports</i> , 2022, 8, 7537-7556.	2.5	26
6	Multi-objective bat optimization for a biomass gasifier integrated energy system based on 4E analyses. <i>Applied Thermal Engineering</i> , 2021, 196, 117339.	3.0	61
7	The Economic Evaluation of Methanol and Propylene Production from Natural Gas at Petrochemical Industries in Iran. <i>Sustainability</i> , 2021, 13, 9990.	1.6	22
8	4E analyses and multi-objective optimization of a solar-based combined cooling, heating, and power system for residential applications. <i>Energy Reports</i> , 2021, 7, 1780-1797.	2.5	53
9	Stand-alone gas turbine and hybrid MCFC and SOFC-gas turbine systems: Comparative life cycle cost, environmental, and energy assessments. <i>Energy Reports</i> , 2021, 7, 4659-4680.	2.5	53
10	An Evaluation of Strategies for Job Mix Selection in Job Shop Production Environments - Case: A Photolithography Workstation. , 2021, , .		1
11	The economic evaluation of establishing a plant for producing biodiesel from edible oil wastes in oil-rich countries: Case study Iran. <i>Energy</i> , 2020, 213, 118760.	4.5	31
12	A novel multi-objective spiral optimization algorithm for an innovative solar/biomass-based multi-generation energy system: 3E analyses, and optimization algorithms comparison. <i>Energy Conversion and Management</i> , 2020, 219, 112961.	4.4	92
13	THERMODYNAMIC AND ENVIRONMENTAL COMPARATIVE INVESTIGATION AND OPTIMIZATION OF LANDFILL VS. INCINERATION FOR MUNICIPAL SOLID WASTE: A CASE STUDY IN VARAMIN, IRAN. <i>Journal of Thermal Engineering</i> , 2020, 6, 226-246.	0.8	23
14	Determination of the ORC-RO system optimum parameters based on 4E analysis; Water–Energy-Environment nexus. <i>Energy Conversion and Management</i> , 2019, 183, 772-790.	4.4	56
15	Simulation process of biodiesel production plant. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, e13264.	1.3	30
16	Determination of optimum hybrid cooling wet/dry parameters and control system in off design condition: Case study. <i>Applied Thermal Engineering</i> , 2019, 149, 132-150.	3.0	41
17	A novel solar-biomass based multi-generation energy system including water desalination and liquefaction of natural gas system: Thermodynamic and thermoeconomic optimization. <i>Journal of Cleaner Production</i> , 2018, 196, 424-437.	4.6	126