

Ata Chitsaz

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

893
citations

687363

13
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

439
citing authors

#	ARTICLE	IF	CITATIONS
1	Tri-objective central composite design optimization of co-gasification of eucalyptus biomass and polypropylene waste. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 4829-4841.	4.6	9
2	Thermoelectric Generators: A comprehensive review of characteristics and applications. <i>Applied Thermal Engineering</i> , 2022, 201, 117793.	6.0	153
3	An integrated CCHP system based on biomass and natural gas co-firing: Exergetic and thermo-economic assessments in the framework of energy nexus. <i>Energy Nexus</i> , 2022, 5, 100016.	7.7	24
4	Sustainability improvement in combined electricity and freshwater generation systems via biomass: A comparative emergy analysis and multi-objective optimization. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 2885-2899.	7.1	25
5	Which methane-fueled fuel cell is of superior performance in CCHP applications; solid oxide or molten carbonate?. <i>Fuel</i> , 2022, 312, 122936.	6.4	14
6	Post-combustion emission control of a gas turbine cooperated solar assisted CO ₂ based-reforming utilizing CO ₂ capture technology. <i>Journal of CO₂ Utilization</i> , 2022, 56, 101847.	6.8	2
7	Thermo-electrochemical modeling of oxygen ion-conducting solid oxide fuel cells with internal steam reforming in the water-energy nexus. <i>Energy Nexus</i> , 2022, 5, 100057.	7.7	4
8	A novel system for electricity and synthetic natural gas production from captured CO ₂ : Techno-economic evaluation and multi-objective optimization. <i>Journal of CO₂ Utilization</i> , 2022, 63, 102116.	6.8	18
9	Economic and environmental assessment using emergy of a geothermal power plant. <i>Energy Conversion and Management</i> , 2021, 228, 113666.	9.2	47
10	Optimization of a combined heat and power system based gasification of municipal solid waste of Urmia University student dormitories via ANOVA and taguchi approaches. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 1815-1827.	7.1	45
11	Electrolyzer-fuel cell combination for grid peak load management in a geothermal power plant: Power to hydrogen and hydrogen to power conversion. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 25650-25665.	7.1	53
12	Syngas-fed membrane-based and steam and water-fed electrolysis-based hydrogen production systems: Renewability, sustainability, environmental and economic analyses and optimization. <i>Journal of Cleaner Production</i> , 2021, 326, 129424.	9.3	33
13	Non-isothermal electrochemically mediated amine regeneration for CO ₂ capture: Performance evaluation and optimization. <i>Journal of CO₂ Utilization</i> , 2021, 54, 101758.	6.8	12
14	Exergoeconomic and environmental investigation of an innovative poly-generation plant driven by a solid oxide fuel cell for production of electricity, cooling, desalinated water, and hydrogen. <i>International Journal of Energy Research</i> , 2020, 44, 10126-10154.	4.5	85
15	Thermodynamic assessment of a novel multi-generation solid oxide fuel cell-based system for production of electrical power, cooling, fresh water, and hydrogen. <i>Energy Conversion and Management</i> , 2019, 197, 111895.	9.2	55
16	Study of synthesis gas composition, exergy assessment, and multi-criteria decision-making analysis of fluidized bed gasifier. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 27726-27740.	7.1	44
17	Exergy assessment and optimization of a cogeneration system based on a solid oxide fuel cell integrated with a Stirling engine. <i>Energy Conversion and Management</i> , 2017, 143, 448-458.	9.2	96
18	Energy and exergy assessments of a novel trigeneration system based on a solid oxide fuel cell. <i>Energy Conversion and Management</i> , 2014, 87, 318-327.	9.2	174