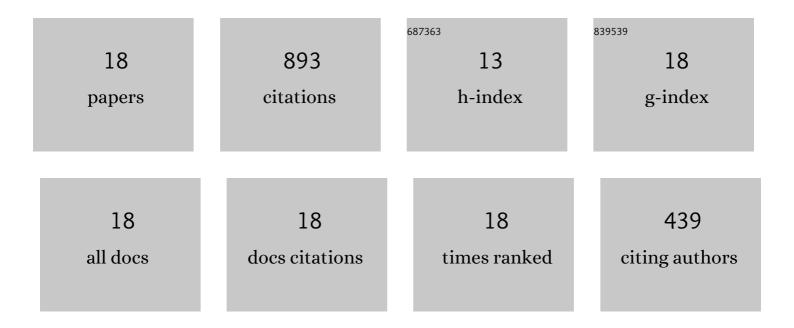
## Ata Chitsaz

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Tri-objective central composite design optimization of co-gasification of eucalyptus biomass and polypropylene waste. Biomass Conversion and Biorefinery, 2024, 14, 4829-4841.	4.6	9
2	Thermoelectric Generators: A comprehensive review of characteristics and applications. Applied Thermal Engineering, 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. Energy Nexus, 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. International Journal of Hydrogen Energy, 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?. Fuel, 2022, 312, 122936.	6.4	14
6	Post-combustion emission control of a gas turbine cooperated solar assisted CO2 based-reforming utilizing CO2 capture technology. Journal of CO2 Utilization, 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. Energy Nexus, 2022, 5, 100057.	7.7	4
8	A novel system for electricity and synthetic natural gas production from captured CO2: Techno-economic evaluation and multi-objective optimization. Journal of CO2 Utilization, 2022, 63, 102116.	6.8	18
9	Economic and environmental assessment using emergy of a geothermal power plant. Energy Conversion and Management, 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. International Journal of Hydrogen Energy, 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. International Journal of Hydrogen Energy, 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. Journal of Cleaner Production, 2021, 326, 129424.	9.3	33
13	Non-isothermal electrochemically mediated amine regeneration for CO2 capture: Performance evaluation and optimization. Journal of CO2 Utilization, 2021, 54, 101758.	6.8	12
14	Exergoeconomic and environmental investigation of an innovative polyâ€generation plant driven by a solid oxide fuel cell for production of electricity, cooling, desalinated water, and hydrogen. International Journal of Energy Research, 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. Energy Conversion and Management, 2019, 197, 111895.	9.2	55
16	Study of synthesis gas composition, exergy assessment, and multi-criteria decision-making analysis of fluidized bed gasifier. International Journal of Hydrogen Energy, 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. Energy Conversion and Management, 2017, 143, 448-458.	9.2	96
18	Energy and exergy assessments of a novel trigeneration system based on a solid oxide fuel cell. Energy Conversion and Management, 2014, 87, 318-327.	9.2	174