Mohsen Sadeghi

List of Publications by Year
in descending order

14	894	858243 12	1181555 14
papers	citations	h-index	g-index

14	14	14	960
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Integration of Supercritical CO2 Recompression Brayton Cycle with Organic Rankine/Flash and Kalina Cycles: Thermoeconomic Comparison. Sustainability, 2022, 14, 8769.	1.6	4
2	Size and exergy assessment of solid oxide fuel cell-based H2-fed power generation system with alternative electrolytes: A comparative study. Energy Conversion and Management, 2021, 228, 113681.	4.4	23
3	Thermoeconomic analysis and multiâ€objective optimization of a solidâ€oxide fuel cell plant coupled with methane triâ€reforming: Effects of thermochemical recuperation. International Journal of Energy Research, 2021, 45, 10332-10354.	2.2	8
4	Effects of thermophysical and thermochemical recuperation on the performance of combined gas turbine and organic rankine cycle power generation system: Thermoeconomic comparison and multi-objective optimization. Energy, 2020, 210, 118551.	4.5	33
5	Comprehensive comparison of SOFCs with proton-conducting electrolyte and oxygen ion-conducting electrolyte: Thermoeconomic analysis and multi-objective optimization. Energy Conversion and Management, 2020, 205, 112455.	4.4	39
6	Multi-objective optimization of a novel syngas fed SOFC power plant using a downdraft gasifier. Energy, 2018, 148, 16-31.	4.5	66
7	Exergoenvironmental comparison of internal reforming against external reforming in a cogeneration system based on solid oxide fuel cell using an evolutionary algorithm. Energy, 2018, 144, 420-431.	4.5	46
8	Exergoeconomic assessment and optimization of a syngas production system with a desired H2/CO ratio based on methane tri-reforming process. Journal of CO2 Utilization, 2018, 25, 283-301.	3.3	38
9	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.	4.4	96
10	Thermodynamic analysis and optimization of a novel combined power and ejector refrigeration cycle â€“ Desalination system. Applied Energy, 2017, 208, 239-251.	5.1	84
11	Exergoeconomic analysis and multi-objective optimization of a marine engine waste heat driven RO desalination system integrated with an organic Rankine cycle using zeotropic working fluid. Desalination, 2017, 422, 113-123.	4.0	84
12	Thermodynamic analysis and multi-objective optimization of various ORC (organic Rankine cycle) configurations using zeotropic mixtures. Energy, 2016, 109, 791-802.	4.5	177
13	Exergoeconomic analysis and multi-objective optimization of an ejector refrigeration cycle powered by an internal combustion (HCCI) engine. Energy Conversion and Management, 2015, 96, 403-417.	4.4	96
14	Thermoeconomic optimization using an evolutionary algorithm of a trigeneration system driven by a solid oxide fuel cell. Energy, 2015, 89, 191-204.	4.5	100