

Fatih Yilmaz

List of Publications by Year in descending order

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25
papers

657
citations

516710
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25
all docs

25
docs citations

25
times ranked

411
citing authors

#	ARTICLE	IF	CITATIONS
1	Parametric analysis of a solar energy based multigeneration plant with SOFC for hydrogen generation. International Journal of Hydrogen Energy, 2022, 47, 3266-3283.	7.1	42
2	Modeling and design of the new combined double-flash and binary geothermal power plant for multigeneration purposes; thermodynamic analysis. International Journal of Hydrogen Energy, 2022, 47, 19381-19396.	7.1	28
3	Design and modeling of an integrated combined plant with SOFC for hydrogen and ammonia generation. International Journal of Hydrogen Energy, 2022, 47, 31911-31926.	7.1	17
4	Thermodynamic and economic investigation of an innovative multigeneration plant integrated with the solar collector and combustion chamber. International Journal of Hydrogen Energy, 2022, 47, 31786-31805.	7.1	12
5	Development and modeling of the geothermal energy based multigeneration plant for beneficial outputs: Thermo-economic and environmental analysis approach. Renewable Energy, 2022, 189, 1074-1085.	8.9	39
6	Investigation of the thermodynamic analysis of solar Energy-Based multigeneration plant for sustainable multigeneration. Sustainable Energy Technologies and Assessments, 2022, 53, 102461.	2.7	2
7	Development and performance examination of an integrated plant with desalination process for multigeneration purposes. Energy Conversion and Management, 2021, 240, 114275.	9.2	6
8	Performance and environmental impact assessment of a geothermal-assisted combined plant for multi-generation products. Sustainable Energy Technologies and Assessments, 2021, 46, 101291.	2.7	7
9	Design and thermodynamic modeling of a renewable energy based plant for hydrogen production and compression. International Journal of Hydrogen Energy, 2020, 45, 26126-26137.	7.1	39
10	Thermodynamic investigation of a concentrating solar collector based combined plant for poly-generation. International Journal of Hydrogen Energy, 2020, 45, 26138-26155.	7.1	25
11	A thermal performance evaluation of a new integrated gas turbine-based multigeneration plant with hydrogen and ammonia production. International Journal of Hydrogen Energy, 2020, , .	7.1	22
12	Design and thermodynamic assessment of a biomass gasification plant integrated with Brayton cycle and solid oxide steam electrolyzer for compressed hydrogen production. International Journal of Hydrogen Energy, 2020, 45, 34620-34636.	7.1	30
13	Energy, Exergy and Environmental Analyses of Biomass Gasifier Combined Integrated Plant. Green Energy and Technology, 2020, , 457-481.	0.6	0
14	Thermodynamic performance assessment of a geothermal energy assisted combined system for liquid hydrogen generation. International Journal of Hydrogen Energy, 2020, , .	7.1	26
15	Integration of Clean and Sustainable Energy Resources and Storage in Multigeneration Systems: Design, Modeling, and Robust Optimization. , 2020, , 317-348.		0
16	Development and techno-economic assessment of a new biomass-assisted integrated plant for multigeneration. Energy Conversion and Management, 2019, 202, 112154.	9.2	47
17	Comparative thermodynamic performance analysis of a cascade system for cooling and heating applications. International Journal of Green Energy, 2019, 16, 674-686.	3.8	12
18	Energy, exergy and economic analyses of a novel hybrid ocean thermal energy conversion system for clean power production. Energy Conversion and Management, 2019, 196, 557-566.	9.2	51

#	ARTICLE	IF	CITATIONS
19	Design and thermodynamic analysis of coal-gasification assisted multigeneration system with hydrogen production and liquefaction. Energy Conversion and Management, 2019, 186, 229-240.	9.2	60
20	Energy and exergy performance assessment of a novel solar-based integrated system with hydrogen production. International Journal of Hydrogen Energy, 2019, 44, 18732-18743.	7.1	43
21	Thermodynamic performance assessment of ocean thermal energy conversion based hydrogen production and liquefaction process. International Journal of Hydrogen Energy, 2018, 43, 10626-10636.	7.1	41
22	Energy and exergy analyses of hydrogen production step in boron based thermochemical cycle for hydrogen production. International Journal of Hydrogen Energy, 2017, 42, 2485-2491.	7.1	17
23	Thermodynamic performance assessment of solar based Sulfur-Iodine thermochemical cycle for hydrogen generation. Energy, 2017, 140, 520-529.	8.8	58
24	Energy and exergy analyses of integrated hydrogen production system using high temperature steam electrolysis. International Journal of Hydrogen Energy, 2016, 41, 8032-8041.	7.1	30
25	Performance Analyses of CO ₂ -N ₂ O Cascade System for Cooling. Green Energy and Technology, 2016, , 499-512.	0.6	3