

Murat Emre Demir

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

665
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

758
citing authors

#	ARTICLE	IF	CITATIONS
1	Cost assessment and evaluation of various hydrogen delivery scenarios. International Journal of Hydrogen Energy, 2018, 43, 10420-10430.	7.1	123
2	Performance assessment of a thermoelectric generator applied to exhaust waste heat recovery. Applied Thermal Engineering, 2017, 120, 694-707.	6.0	90
3	Development of a hybrid solar thermal system with TEG and PEM electrolyzer for hydrogen and power production. International Journal of Hydrogen Energy, 2017, 42, 30044-30056.	7.1	84
4	Development of an integrated hybrid solar thermal power system with thermoelectric generator for desalination and power production. Desalination, 2017, 404, 59-71.	8.2	83
5	Transition to a new era with light-based hydrogen production for a carbon-free society: An overview. International Journal of Hydrogen Energy, 2019, 44, 25347-25364.	7.1	57
6	Evaluation of hydrogen production via electrolysis with ion exchange membranes. Energy, 2020, 190, 116420.	8.8	43
7	Development and analysis of a new integrated solar energy system with thermal storage for fresh water and power production. International Journal of Energy Research, 2018, 42, 2864-2874.	4.5	40
8	Development and heat transfer analysis of a new heat recovery system with thermoelectric generator. International Journal of Heat and Mass Transfer, 2017, 108, 2002-2010.	4.8	33
9	Synergistic effects of advanced oxidization reactions in a combination of TiO ₂ photocatalysis for hydrogen production and wastewater treatment applications. International Journal of Hydrogen Energy, 2019, 44, 23856-23867.	7.1	31
10	Design and analysis of a new system for photoelectrochemical hydrogen production from wastewater. Energy Conversion and Management, 2019, 199, 111903.	9.2	30
11	Experimental investigation and analysis of a new photoelectrochemical reactor for hydrogen production. International Journal of Hydrogen Energy, 2018, 43, 12049-12058.	7.1	17
12	Development and assessment of a solar driven trigeneration system with storage for electricity, ammonia and fresh water production. Energy Conversion and Management, 2021, 245, 114585.	9.2	14
13	Design and modeling of a multigeneration system driven by waste heat of a marine diesel engine. International Journal of Hydrogen Energy, 2022, 47, 40513-40530.	7.1	12
14	An integrated solar energy, wastewater treatment and desalination plant for hydrogen and freshwater production. Energy Conversion and Management, 2022, 267, 115894.	9.2	8