

Marta Muñoz

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

501
citations

933447

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996975

15
g-index

16
all docs

16
docs citations

16
times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic cycles for solar thermal power plants: A review. Wiley Interdisciplinary Reviews: Energy and Environment, 2022, 11, e420.	4.1	7
2	Advanced thermodynamic cycles for finite heat sources: Proposals for closed and open heat sources applications. Applied Thermal Engineering, 2020, 167, 114805.	6.0	9
3	Analysis of an Integrated Solar Combined Cycle with Recuperative Gas Turbine and Double Recuperative and Double Expansion Propane Cycle. Entropy, 2020, 22, 476.	2.2	6
4	Proposal and analysis of an integrated solar combined cycle with partial recuperation. Energy, 2020, 198, 117379.	8.8	15
5	Proposal of optimized power cycles for the DEMO power plant (EUROfusion). Fusion Engineering and Design, 2019, 148, 111290.	1.9	2
6	Comparison of Different Technologies for Integrated Solar Combined Cycles: Analysis of Concentrating Technology and Solar Integration. Energies, 2018, 11, 1064.	3.1	13
7	Advances in the linear Fresnel single-tube receivers: Hybrid loops with non-evacuated and evacuated receivers. Energy Conversion and Management, 2017, 149, 318-333.	9.2	36
8	Integrated solar combined cycles using gas turbines with partial recuperation and solar integration at different pressure levels. AIP Conference Proceedings, 2017, , .	0.4	4
9	Off-design analysis of a Hybrid Rankine-Brayton cycle used as the power block of a solar thermal power plant. Energy, 2017, 134, 369-381.	8.8	20
10	Proposal and study of a balanced hybrid Rankine-Brayton cycle for low-to-moderate temperature solar power plants. Energy, 2015, 89, 305-317.	8.8	12
11	Analysis and optimisation of combined cycles gas turbines working with partial recuperation. Energy Conversion and Management, 2015, 106, 1097-1108.	9.2	24
12	Contact stress calculation of undercut spur and helical gear teeth. Mechanism and Machine Theory, 2011, 46, 1633-1646.	4.5	29
13	Thermoeconomic optimisation of heat recovery steam generators of combined cycle gas turbine power plants considering off-design operation. Energy Conversion and Management, 2011, 52, 1840-1849.	9.2	69
14	Critical stress and load conditions for pitting calculations of involute spur and helical gear teeth. Mechanism and Machine Theory, 2011, 46, 425-437.	4.5	34
15	Performance analysis of an Integrated Solar Combined Cycle using Direct Steam Generation in parabolic trough collectors. Applied Energy, 2011, 88, 3228-3238.	10.1	214
16	Simplified Calculation Method for the Efficiency of Involute Spur Gears. , 2009, , .		7