

AgustÃ-n M Delgado-Torres

List of Publications by Year in descending order

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12
papers

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277
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of Organic Rankine Cycle for waste heat recovery from piston engine-based power plants in isolated power systems. <i>Applied Thermal Engineering</i> , 2022, 203, 117815.	3.0	3
2	Solar Desalination Driven by Organic Rankine Cycles (Orc) and Supercritical CO2 Power Cycles: An Update. <i>Processes</i> , 2022, 10, 153.	1.3	9
3	Renewable Energy-Driven Desalination: New Trends and Future Prospects of Small Capacity Systems. <i>Processes</i> , 2022, 10, 745.	1.3	7
4	On the road to a sustainable transport mobility in isolated power systems: The role of light-duty powertrain electrification. <i>Journal of Cleaner Production</i> , 2021, 320, 128646.	4.6	10
5	Compact Algebraic Asymptotes for Small and Large Time Surface Temperatures for Regular Solid Bodies Heated With Uniform Heat Flux: Scrutiny of New Critical Fourier Numbers. <i>Journal of Thermal Science and Engineering Applications</i> , 2021, 13, .	0.8	0
6	Preliminary assessment of innovative seawater reverse osmosis (SWRO) desalination powered by a hybrid solar photovoltaic (PV) - Tidal range energy system. <i>Desalination</i> , 2020, 477, 114247.	4.0	66
7	The effects of the ideal gas model with constant heat capacities on fuel efficiency optimization of the open-cycle gas turbine. <i>Energy Conversion and Management</i> , 2019, 195, 198-209.	4.4	3
8	Water Desalination by Solar-Powered RO Systems. , 2019, , 45-84.		8
9	Approximate, analytical procedure for rectangular annular fins by accommodating the Cauchyâ€Euler equation. <i>International Journal of Heat and Mass Transfer</i> , 2018, 124, 74-82.	2.5	2
10	Effect of ideal gas model with temperature-independent heat capacities on thermodynamic and performance analysis of open-cycle gas turbines. <i>Energy Conversion and Management</i> , 2018, 176, 256-273.	4.4	7
11	Design recommendations for solar organic Rankine cycle (ORC)â€powered reverse osmosis (RO) desalination. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 44-53.	8.2	88
12	Solar thermal heat engines for water pumping: An update. <i>Renewable and Sustainable Energy Reviews</i> , 2009, 13, 462-472.	8.2	44