AgustÃn M Delgado-Torres

List of Publications by Year
in descending order

12 papers	**247** citations	1306789 **7** h-index	1372195 **10** g-index
12 all docs	**12** docs citations	**12** times ranked	**277** citing authors

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