Eleni C Douvi

List of Publications by Year
in descending order

15	162	1937685 4	1588992 8
papers	citations	h-index	g-index

15	15	15	122
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Computational Approach of Charging and Discharging Phases in a Novel Compact Solar Collector with Integrated Thermal Energy Storage Tank: Study of Different Phase Change Materials. Energies, 2022, 15, 1113.	3.1	5
2	The Operation of a Three-Bladed Horizontal Axis Wind Turbine under Hailstorm Conditionsâ€"A Computational Study Focused on Aerodynamic Performance. Inventions, 2022, 7, 2.	2.5	3
3	Numerical Simulation of NACA 0012 Airfoil Operating under Hailstorm Conditions. International Journal of New Technology and Research, 2021, 7, .	0.0	2
4	Phase change materials in solar domestic hot water systems: A review. International Journal of Thermofluids, 2021, 10, 100075.	7.8	83
5	Simulation of the Flow over NRELâ€™s S834 Airfoil at two different Reynolds numbers. International Journal of New Technology and Research, 2021, 7, .	0.0	0
6	Parametric Study for the Estimation of Optimum Vortex Generators Arrangement in Straight Pipes. International Journal of New Technology and Research, 2020, 6, .	0.0	0
7	Computational Study of NACA 0012 Airfoil in Air-Sand Particle Two-Phase Flow at Reynolds Number of Re=1.76Ã—106. International Journal of New Technology and Research, 2019, 5, .	0.0	4
8	2D Hydrodynamic Blade Analysis of Tidal Darrieus Turbine. International Review of Mechanical Engineering, 2018, 12, 162.	0.2	0
9	Study of the Hydrodynamic Behavior of Horizontal Axis Tidal Turbines Based on the Blade Element Momentum Theory and Numerical Simulations. International Review of Mechanical Engineering, 2018, 12, 476.	0.2	0
10	Numerical and Computational Analysis of a New Vertical Axis Wind Turbine, Named KIONAS. Computation, 2017, 5, 8.	2.0	0
11	Computational Investigation of Cavitation Îįn Horizontal Axis Tidal Turbines Blades. International Journal of New Technology and Research, 2017, 3, .	0.0	0
12	Performance and Aerodynamic Attitude of KIONAS, a New Configuration of a Vertical Axis Wind Turbine. International Review of Mechanical Engineering, 2016, 10, 157.	0.2	0
13	Low Reynolds Number Investigation of the Flow Over a NACA 0012 Airfoil at Different Rainfall Rates. International Review of Mechanical Engineering, 2013, 7, 625.	0.2	5
14	Evaluation of the turbulence models for the simulation of the flow over a National Advisory Committee for Aeronautics (NACA) 0012 airfoil. Journal of Mechanical Engineering Research, 2012, 4, .	0.4	49
15	Aerodynamic Performance Investigation under the Influence of Heavy Rain of a NACA 0012 Airfoil for Wind Turbine Applications. International Review of Mechanical Engineering, 2012, 6, 1228-1235.	0.2	11