

Sarada Kuravi

List of Publications by Citations

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Version: 2024-04-19

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

1,018
citations

10
h-index

15
g-index

15
ext. papers

1,199
ext. citations

7.8
avg, IF

4.42
L-index

#	Paper	IF	Citations
14	Thermal energy storage technologies and systems for concentrating solar power plants. <i>Progress in Energy and Combustion Science</i> , 2013 , 39, 285-319	33.6	807
13	Enhancing the performance of a single-basin single-slope solar still by using Fresnel lens: Experimental study. <i>Journal of Cleaner Production</i> , 2019 , 239, 118094	10.3	44
12	Can face masks offer protection from airborne sneeze and cough droplets in close-up, face-to-face human interactions?-A quantitative study. <i>Physics of Fluids</i> , 2020 , 32, 127112	4.4	37
11	Low-cost and reusable carbon black based solar evaporator for effective water desalination. <i>Desalination</i> , 2020 , 483, 114412	10.3	23
10	A review of heat recovery applications for solar and geothermal power plants. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 114, 109329	16.2	22
9	A Thermal Model for Predicting the Performance of a Solar Still with Fresnel Lens. <i>Water (Switzerland)</i> , 2019 , 11, 1860	3	20
8	Encapsulated Phase Change Material Slurry Flow in Manifold Microchannels. <i>Journal of Thermophysics and Heat Transfer</i> , 2010 , 24, 364-373	1.3	18
7	THERMAL ENERGY STORAGE FOR CONCENTRATING SOLAR POWER PLANTS. <i>Technology and Innovation</i> , 2012 , 14, 81-91	0.7	17
6	Effect of magnetic fields on thermal conductivity in a ferromagnetic packed bed. <i>Experimental Thermal and Fluid Science</i> , 2017 , 86, 160-167	3	10
5	Solar distillation of highly saline produced water using low-cost and high-performance carbon black and airlaid paper-based evaporator (CAPER). <i>Chemosphere</i> , 2021 , 269, 129372	8.4	10
4	The Effect of Magnetic Field on Thermal-Reaction Kinetics of a Paramagnetic Metal Hydride Storage Bed. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 1006	2.6	5
3	An overview of solar still enhancement approaches for increased freshwater production rates from a thermal process perspective. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 150, 111458	16.2	4
2	Effect of magnetic field on a loosely packed, tightly packed and an over-tightly packed metal powder bed. <i>Particulate Science and Technology</i> , 2021 , 39, 457-466	2	1
1	Particle arrangement using external magnetic field and its effect on pressure drop in a tightly packed ferromagnetic porous bed. <i>Powder Technology</i> , 2020 , 375, 275-283	5.2	0