Sarada Kuravi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6603029/publications.pdf

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15 papers	1,385 citations	840119 11 h-index	1058022 14 g-index
15 all docs	15 docs citations	15 times ranked	1618 citing authors

#	Article	IF	Citations
1	Effect of magnetic field on a loosely packed, tightly packed and an over-tightly packed metal powder bed. Particulate Science and Technology, 2021, 39, 457-466.	1.1	1
2	Solar distillation of highly saline produced water using low-cost and high-performance carbon black and airlaid paper-based evaporator (CAPER). Chemosphere, 2021, 269, 129372.	4.2	21
3	An overview of solar still enhancement approaches for increased freshwater production rates from a thermal process perspective. Renewable and Sustainable Energy Reviews, 2021, 150, 111458.	8.2	14
4	Particle arrangement using external magnetic field and its effect on pressure drop in a tightly packed ferromagnetic porous bed. Powder Technology, 2020, 375, 275-283.	2.1	2
5	Can face masks offer protection from airborne sneeze and cough droplets in close-up, face-to-face human interactions?â€"A quantitative study. Physics of Fluids, 2020, 32, 127112.	1.6	65
6	Low-cost and reusable carbon black based solar evaporator for effective water desalination. Desalination, 2020, 483, 114412.	4.0	49
7	A Thermal Model for Predicting the Performance of a Solar Still with Fresnel Lens. Water (Switzerland), 2019, 11, 1860.	1.2	37
8	Enhancing the performance of a single-basin single-slope solar still by using Fresnel lens: Experimental study. Journal of Cleaner Production, 2019, 239, 118094.	4.6	61
9	A review of heat recovery applications for solar and geothermal power plants. Renewable and Sustainable Energy Reviews, 2019, 114, 109329.	8.2	48
10	Effect of magnetic fields on thermal conductivity in a ferromagnetic packed bed. Experimental Thermal and Fluid Science, 2017, 86, 160-167.	1.5	12
11	The Effect of Magnetic Field on Thermal-Reaction Kinetics of a Paramagnetic Metal Hydride Storage Bed. Applied Sciences (Switzerland), 2017, 7, 1006.	1.3	7
12	Thermal energy storage technologies and systems for concentrating solar power plants. Progress in Energy and Combustion Science, 2013, 39, 285-319.	15.8	1,020
13	THERMAL ENERGY STORAGE FOR CONCENTRATING SOLAR POWER PLANTS. Technology and Innovation, 2012, 14, 81-91.	0.2	25
14	Encapsulated Phase Change Material Slurry Flow in Manifold Microchannels. Journal of Thermophysics and Heat Transfer, 2010, 24, 364-373.	0.9	23
15	Particulate suspension: a review of studies characterizing particulates and volatile organic compounds emissions during additive manufacturing processes. Particulate Science and Technology, 0, , 1-11.	1.1	0