

Sarada Kuravi

List of Publications by Year in descending order

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15
papers

1,385
citations

840776
11
h-index

1058476
14
g-index

15
all docs

15
docs citations

15
times ranked

1618
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Thermal energy storage technologies and systems for concentrating solar power plants. Progress in Energy and Combustion Science, 2013, 39, 285-319. | 31.2 | 1,020 |
| 2 | 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. | 4.0 | 65 |
| 3 | Enhancing the performance of a single-basin single-slope solar still by using Fresnel lens: Experimental study. Journal of Cleaner Production, 2019, 239, 118094. | 9.3 | 61 |
| 4 | Low-cost and reusable carbon black based solar evaporator for effective water desalination. Desalination, 2020, 483, 114412. | 8.2 | 49 |
| 5 | A review of heat recovery applications for solar and geothermal power plants. Renewable and Sustainable Energy Reviews, 2019, 114, 109329. | 16.4 | 48 |
| 6 | A Thermal Model for Predicting the Performance of a Solar Still with Fresnel Lens. Water (Switzerland), 2019, 11, 1860. | 2.7 | 37 |
| 7 | THERMAL ENERGY STORAGE FOR CONCENTRATING SOLAR POWER PLANTS. Technology and Innovation, 2012, 14, 81-91. | 0.2 | 25 |
| 8 | Encapsulated Phase Change Material Slurry Flow in Manifold Microchannels. Journal of Thermophysics and Heat Transfer, 2010, 24, 364-373. | 1.6 | 23 |
| 9 | 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. | 8.2 | 21 |
| 10 | 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. | 16.4 | 14 |
| 11 | Effect of magnetic fields on thermal conductivity in a ferromagnetic packed bed. Experimental Thermal and Fluid Science, 2017, 86, 160-167. | 2.7 | 12 |
| 12 | The Effect of Magnetic Field on Thermal-Reaction Kinetics of a Paramagnetic Metal Hydride Storage Bed. Applied Sciences (Switzerland), 2017, 7, 1006. | 2.5 | 7 |
| 13 | 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. | 4.2 | 2 |
| 14 | 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. | 2.1 | 1 |
| 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. | 2.1 | 0 |