

Vipin Shrivastava

List of Publications by Year in descending order

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14
papers

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Thermal Performance Assessment of Greenhouse Solar Dryer Operated Under Active Mode. Lecture Notes in Mechanical Engineering, 2022, , 75-82. | 0.4 | 17 |
| 2 | A theoretical parametric analysis to optimize the bed depth of packed bed solar air collector. International Journal of Green Energy, 2022, 19, 775-785. | 3.8 | 18 |
| 3 | CFD-Based Correlation Development for Artificially Roughened Solar Air Heater. Lecture Notes in Mechanical Engineering, 2021, , 217-226. | 0.4 | 28 |
| 4 | Comparative Study of the Performance of Double-Pass and Single-Pass Solar Air Heater with Thermal Storage. Lecture Notes in Mechanical Engineering, 2021, , 227-237. | 0.4 | 28 |
| 5 | 3-dimensional CFD simulation and correlation development for circular tube equipped with twisted tape. Materials Today: Proceedings, 2021, 47, 2662-2668. | 1.8 | 13 |
| 6 | Numerical simulation and CFD-based correlations for artificially roughened solar air heater. Materials Today: Proceedings, 2021, 47, 2685-2693. | 1.8 | 31 |
| 7 | CFD simulation on thermo-hydraulic characteristics of a circular tube having twisted tape inserts. Materials Today: Proceedings, 2021, 47, 2790-2795. | 1.8 | 22 |
| 8 | Enhanced solar thermal air heater: A numerical investigation. Materials Today: Proceedings, 2021, 47, 2777-2783. | 1.8 | 29 |
| 9 | Experimental investigation of performance and emission characteristics of diesel engine using Jatropha biodiesel with alumina nanoparticles. International Journal of Green Energy, 2018, 15, 136-143. | 3.8 | 27 |
| 10 | Recent developments in greenhouse solar drying: A review. Renewable and Sustainable Energy Reviews, 2018, 82, 3250-3262. | 16.4 | 96 |
| 11 | Embodied energy analysis of the indirect solar drying unit. International Journal of Ambient Energy, 2017, 38, 280-285. | 2.5 | 44 |
| 12 | Historical Trends and Recent Developments in Solar Greenhouse Dryer Operated Under Active Mode: A Review. Indian Journal of Science and Technology, 2017, 10, 1-16. | 0.7 | 2 |
| 13 | KINETICS OF FENUGREEK DRYING IN AN INDIRECT SOLAR DRYER. Heat Transfer Research, 2017, 48, 787-797. | 1.6 | 5 |
| 14 | Experimental investigation on the comparison of fenugreek drying in an indirect solar dryer and under open sun. Heat and Mass Transfer, 2016, 52, 1963-1972. | 2.1 | 21 |