

Prabha Chand

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

415
citations

1040056

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h-index

1058476

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all docs

16
docs citations

16
times ranked

272
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Thermal performance enhancement of solar air heater using louvered fins collector. Solar Energy, 2022, 239, 10-24. | 6.1 | 23 |
| 2 | Comparative performance evaluation of louvered finned solar air heater. AIP Conference Proceedings, 2021, , . | 0.4 | 1 |
| 3 | Experimental investigations on thermal performance of solar air heater with wavy fin absorbers. Heat and Mass Transfer, 2019, 55, 2651-2666. | 2.1 | 14 |
| 4 | Analytical Investigation on Solar Air Heater with Fins and Twisted Tapes. International Journal of Heat and Technology, 2019, 37, 33-40. | 0.6 | 1 |
| 5 | Performance prediction of extended surface absorber solar air collector with twisted tape inserts. Solar Energy, 2018, 169, 40-48. | 6.1 | 46 |
| 6 | Evaluation of thermo hydraulic effect on offset finned absorber solar air heater. Renewable Energy, 2018, 125, 39-54. | 8.9 | 28 |
| 7 | Effect of wavelength and amplitude on the performance of wavy finned absorber solar air heater. Renewable Energy, 2018, 119, 690-702. | 8.9 | 56 |
| 8 | Parametric study on the performance of solar air heater equipped with louvered fins. Journal of Mechanical Science and Technology, 2018, 32, 3965-3973. | 1.5 | 13 |
| 9 | Performance evaluation of solar air heater equipped with louvered fins. International Journal of Heat and Technology, 2018, 36, 741-751. | 0.6 | 4 |
| 10 | Thermal performance of wavy finned absorber solar air heater. International Journal of Heat and Technology, 2018, 36, 1393-1403. | 0.6 | 5 |
| 11 | An analytical investigations on thermal and thermohydraulic performance of offset finned absorber solar air heater. Solar Energy, 2017, 153, 25-40. | 6.1 | 25 |
| 12 | Performance enhancement of solar air heater using herringbone corrugated fins. Energy, 2017, 127, 271-279. | 8.8 | 84 |
| 13 | Heat transfer and pressure drop characteristics of wavy fin solar air heater. International Journal of Heat and Technology, 2017, 35, 1015-1022. | 0.6 | 4 |
| 14 | Thermal and thermohydraulic performance of wavy finned absorber solar air heater. Solar Energy, 2016, 130, 250-259. | 6.1 | 111 |
| 15 | A packed bed solar air heating systems: Performance analysis. , 2013, , . | | 0 |
| 16 | The effect of collector aspect ratio and fin density on the thermal performance of rectangular finned absorber solar air heaters. , 2012, , . | | 0 |