

Surendra Kothari

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

2,995
citations

933264

10
h-index

1125617

13
g-index

14
all docs

14
docs citations

14
times ranked

4259
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Role of renewable energy sources in environmental protection: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2011, 15, 1513-1524. | 8.2 | 2,614 |
| 2 | State of the art of solar cooking: An overview. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 3776-3785. | 8.2 | 112 |
| 3 | Experimental investigation of drying of garlic clove in solar dryer using phase change material as energy storage. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 118, 533-539. | 2.0 | 68 |
| 4 | A review on energy and exergy analysis of solar drying systems. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 2812-2819. | 8.2 | 56 |
| 5 | Experimental investigation of energy and exergy efficiencies of domestic size parabolic dish solar cooker. <i>Journal of Renewable and Sustainable Energy</i> , 2012, 4, . | 0.8 | 31 |
| 6 | Techno-economic evaluation of masonry type animal feed solar cooker in rural areas of an Indian state Rajasthan. <i>Energy Policy</i> , 2013, 52, 583-586. | 4.2 | 26 |
| 7 | Experimental investigation of energy and exergy efficiency of masonry-type solar cooker for animal feed. <i>International Journal of Sustainable Energy</i> , 2010, 29, 178-184. | 1.3 | 18 |
| 8 | Cost-benefit and systems analysis of passively ventilated solar greenhouses for food production in arid and semi-arid regions. <i>Environment Systems and Decisions</i> , 2014, 34, 160-167. | 1.9 | 17 |
| 9 | State of the art on solar drying technology: a review. <i>International Journal of Renewable Energy Technology</i> , 2012, 3, 107. | 0.2 | 12 |
| 10 | Performance evaluation of exhaust air recirculation system of mixed mode solar dryer for drying of onion flakes. <i>International Journal of Renewable Energy Technology</i> , 2009, 1, 29. | 0.2 | 11 |
| 11 | Energetic and exergetic analysis of three different solar cookers. <i>Journal of Renewable and Sustainable Energy</i> , 2013, 5, 023102. | 0.8 | 9 |
| 12 | Design theory and performance analysis of paraboloidal solar cooker. <i>Applied Solar Energy (English)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 0.2 | 8 |
| 13 | Design and development of solar energy powered maize milling machine. <i>International Journal of Ambient Energy</i> , 2022, 43, 1671-1676. | 1.4 | 8 |
| 14 | Thermal modeling and experimental validation of solar tunnel dryer: a clean energy option for drying surgical cotton. <i>International Journal of Low-Carbon Technologies</i> , 0, , ctt053. | 1.2 | 5 |