

Reda Hassanien Emam Hassanien

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

911
citations

759233

12
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

895
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Advanced applications of solar energy in agricultural greenhouses. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 54, 989-1001. | 16.4 | 233 |
| 2 | Advances in Effects of Sound Waves on Plants. <i>Journal of Integrative Agriculture</i> , 2014, 13, 335-348. | 3.5 | 110 |
| 3 | Thermal performance of indirect forced convection solar dryer and kinetics analysis of mango. <i>Applied Thermal Engineering</i> , 2018, 134, 310-321. | 6.0 | 110 |
| 4 | The integration of semi-transparent photovoltaics on greenhouse roof for energy and plant production. <i>Renewable Energy</i> , 2018, 121, 377-388. | 8.9 | 90 |
| 5 | Performance and operation mode analysis of a heat recovery and thermal storage solar-assisted heat pump drying system. <i>Solar Energy</i> , 2016, 137, 225-235. | 6.1 | 75 |
| 6 | The evacuated tube solar collector assisted heat pump for heating greenhouses. <i>Energy and Buildings</i> , 2018, 169, 305-318. | 6.7 | 75 |
| 7 | Experimental investigation of solar photovoltaic operated ice thermal storage air-conditioning system. <i>International Journal of Refrigeration</i> , 2018, 86, 258-272. | 3.4 | 40 |
| 8 | Experimental investigation on the performance of a solar powered lithium bromide-water absorption cooling system. <i>International Journal of Refrigeration</i> , 2016, 71, 46-59. | 3.4 | 39 |
| 9 | Performance analysis of static ice refrigeration air conditioning system driven by household distributed photovoltaic energy system. <i>Solar Energy</i> , 2017, 158, 147-160. | 6.1 | 36 |
| 10 | Influences of greenhouse-integrated semi-transparent photovoltaics on microclimate and lettuce growth. <i>International Journal of Agricultural and Biological Engineering</i> , 2017, 10, 11-22. | 0.6 | 34 |
| 11 | Optimization of thermal performance of the parabolic trough solar collector systems based on GA-BP neural network model. <i>International Journal of Green Energy</i> , 2017, 14, 819-830. | 3.8 | 27 |
| 12 | Study on the Optical Properties of Triangular Cavity Absorber for Parabolic Trough Solar Concentrator. <i>International Journal of Photoenergy</i> , 2015, 2015, 1-9. | 2.5 | 13 |
| 13 | Effect of photovoltaics shading on the growth of chili pepper in controlled greenhouses. <i>Heliyon</i> , 2022, 8, e08877. | 3.2 | 12 |
| 14 | Grid-Connected Semitransparent Building-Integrated Photovoltaic System: The Comprehensive Case Study of the 120kWp Plant in Kunming, China. <i>International Journal of Photoenergy</i> , 2018, 2018, 1-13. | 2.5 | 11 |
| 15 | Energy Conversion and Transmission Characteristics Analysis of Ice Storage Air Conditioning System Driven by Distributed Photovoltaic Energy System. <i>International Journal of Photoenergy</i> , 2016, 2016, 1-17. | 2.5 | 5 |
| 16 | Experimental investigation of static ice refrigeration air conditioning system driven by distributed photovoltaic energy system. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016, 40, 012027. | 0.3 | 1 |
| 17 | INFLUENCE OF OPAQUE PHOTOVOLTAIC SHADING ON MICROCLIMATE AND GROWTH OF STRAWBERRY IN GREENHOUSES. <i>Misr Journal of Agricultural Engineering</i> , 2021, . | 0.0 | 0 |
| 18 | Research on feedback control of the intelligent grid-connected photovoltaic systems based on micro-inverters. , 0, , . | | 0 |