

Veerparkash Sethi

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,090
citations

623188

14
h-index

642321

23
g-index

25
all docs

25
docs citations

25
times ranked

792
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, modeling and analysis of efficient multi-rack tray solar cabinet dryer coupled with north wall reflector. <i>Solar Energy</i> , 2020, 211, 908-919.	2.9	15
2	Design, space optimization and modelling of solar-cum-biomass hybrid greenhouse crop dryer using flue gas heat transfer pipe network. <i>Solar Energy</i> , 2020, 206, 120-135.	2.9	27
3	CFD analysis of greenhouse heating using flue gas and hot water heat sink pipe networks. <i>Computers and Electronics in Agriculture</i> , 2019, 163, 104853.	3.7	24
4	Thermal modeling and analysis of novel twin-chamber community solar cooker as a replacement of biomass-based cooking. <i>International Journal of Green Energy</i> , 2019, 16, 167-184.	2.1	3
5	Thermal modelling of asymmetric overlap roof greenhouse with experimental validation. <i>International Journal of Sustainable Energy</i> , 2019, 38, 24-36.	1.3	5
6	On the design, modelling and analysis of multi-shelf inclined solar cooker-cum-dryer. <i>Solar Energy</i> , 2018, 162, 620-636.	2.9	36
7	Design, evaluation and heat transfer analysis of novel forced draft paddy straw bale combustor using heat sink pipe networks for greenhouse heating. <i>Energy Conversion and Management</i> , 2018, 173, 244-261.	4.4	5
8	Effects of substrate hydroponic systems and different N and K ratios on yield and quality of tomato fruit. <i>Journal of Plant Nutrition</i> , 2018, 41, 1547-1554.	0.9	16
9	Effect of different nitrogen-potassium concentrations on growth and flowering of chrysanthemum in a drip hydroponic system. <i>Journal of Plant Nutrition</i> , 2016, 39, 1891-1898.	0.9	4
10	Design and evaluation of wick type and recirculation type substrate hydroponic systems for greenhouse tomatoes. <i>Agricultural Research Journal</i> , 2016, 53, 228.	0.0	1
11	Performance evaluation and solar radiation capture of optimally inclined box type solar cooker with parallelepiped cooking vessel design. <i>Energy Conversion and Management</i> , 2014, 81, 231-241.	4.4	66
12	Maximum power output of a solar PV module at various latitudes as influenced by the swing angle of the sun. <i>International Journal of Sustainable Energy</i> , 2014, 33, 500-505.	1.3	0
13	Thermal modeling aspects of solar greenhouse microclimate control: A review on heating technologies. <i>Solar Energy</i> , 2013, 96, 56-82.	2.9	108
14	Development of dual purpose greenhouse coupled with north wall utilization for higher economic gains. <i>Solar Energy</i> , 2011, 85, 734-745.	2.9	6
15	On the selection of shape and orientation of a greenhouse for composite climates. <i>International Journal of Sustainable Energy</i> , 2009, 28, 45-58.	1.3	3
16	Design and evaluation of modified screen net house for off-season vegetable raising in composite climate. <i>Energy Conversion and Management</i> , 2009, 50, 3112-3128.	4.4	19
17	On the selection of shape and orientation of a greenhouse: Thermal modeling and experimental validation. <i>Solar Energy</i> , 2009, 83, 21-38.	2.9	149
18	Improvement in greenhouse solar drying using inclined north wall reflection. <i>Solar Energy</i> , 2009, 83, 1472-1484.	2.9	75

#	ARTICLE	IF	CITATIONS
19	Survey and evaluation of heating technologies for worldwide agricultural greenhouse applications. Solar Energy, 2008, 82, 832-859.	2.9	210
20	Optimal space utilization of a greenhouse using multi-rack tray system: Thermal modeling and experimental validation. Energy Conversion and Management, 2008, 49, 2890-2899.	4.4	7
21	Thermal modeling of a greenhouse integrated to an aquifer coupled cavity flow heat exchanger system. Solar Energy, 2007, 81, 723-741.	2.9	54
22	Survey of cooling technologies for worldwide agricultural greenhouse applications. Solar Energy, 2007, 81, 1447-1459.	2.9	182
23	Greenhouse heating and cooling using aquifer water. Energy, 2007, 32, 1414-1421.	4.5	36
24	Experimental and economic study of a greenhouse thermal control system using aquifer water. Energy Conversion and Management, 2007, 48, 306-319.	4.4	39