

Shireesh B Kedare

List of Publications by Year in descending order

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31
papers

1,601
citations

331259

21
h-index

476904

29
g-index

31
all docs

31
docs citations

31
times ranked

1125
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental analysis of parameters influencing thermal stratification in single media single tank storage system with flow distributor. Thermal Science and Engineering Progress, 2022, 30, 101243.	1.3	2
2	Influence of porosity and permeability of flow distributor on thermal stratification in single media storage tank. Journal of Energy Storage, 2021, 44, 103241.	3.9	10
3	Multi-field Solar Thermal Power Plant with Linear Fresnel Reflector and Solar Power Tower. Springer Proceedings in Energy, 2021, , 1645-1655.	0.2	0
4	Appropriate household point-of-use water purifier selection template considering a rural case study in western India. Applied Water Science, 2020, 10, 1.	2.8	10
5	Drying Kinetics, Quality and Economic Analysis of a Domestic Solar Dryer for Agricultural Products. INAE Letters, 2019, 4, 147-160.	1.0	8
6	Experimental investigation of single media thermocline storage with eccentrically mounted vertical porous flow distributor. Solar Energy, 2018, 162, 28-35.	2.9	22
7	Experimental Investigation on Heat Losses From Differentially Heated Cylindrical Cavity Receiver Used in Paraboloid Concentrator. Journal of Solar Energy Engineering, Transactions of the ASME, 2017, 139, .	1.1	8
8	Solar Thermal Process Heat. , 2017, , 367-376.		3
9	Explicit expression for temperature distribution of receiver of parabolic trough concentrator considering bimetallic absorber tube. Applied Thermal Engineering, 2016, 103, 323-332.	3.0	23
10	Effects of shading and blocking in compact linear fresnel reflector field. Energy, 2016, 94, 633-653.	4.5	28
11	Experimental investigation of the bending of absorber tube of solar parabolic trough concentrator and comparison with analytical results. Solar Energy, 2016, 125, 1-11.	2.9	34
12	Effects of shading and blocking in linear Fresnel reflector field. Solar Energy, 2015, 113, 114-138.	2.9	70
13	Explicit expressions for temperature distribution and deflection in absorber tube of solar parabolic trough concentrator. Solar Energy, 2015, 114, 289-302.	2.9	47
14	Comparison of line focusing solar concentrator fields considering shading and blocking. Solar Energy, 2015, 122, 924-939.	2.9	24
15	Investigation on Convective Heat Losses from Solar Cavities under Wind Conditions. Energy Procedia, 2014, 57, 437-446.	1.8	48
16	Deflection and stresses in absorber tube of solar parabolic trough due to circumferential and axial flux variations on absorber tube supported at multiple points. Solar Energy, 2014, 99, 134-151.	2.9	54
17	Optimization of design radiation for concentrating solar thermal power plants without storage. Solar Energy, 2014, 107, 98-112.	2.9	54
18	Effect of Angle of Incidence of Sun Rays on the Bending of Absorber Tube of Solar Parabolic Trough Concentrator. Energy Procedia, 2014, 48, 123-129.	1.8	17

#	ARTICLE	IF	CITATIONS
19	Design and Optimization of Isolated Wind-Battery Systems Incorporating Multiple Wind Generators. Wind Engineering, 2014, 38, 311-336.	1.1	3
20	Analytical expression for circumferential and axial distribution of absorbed flux on a bent absorber tube of solar parabolic trough concentrator. Solar Energy, 2013, 92, 26-40.	2.9	71
21	On the Existence of Non-Convexities in the Design Space of Isolated Wind-Battery Systems. Wind Engineering, 2011, 35, 223-245.	1.1	5
22	An analysis of beta type Stirling engine with rhombic drive mechanism. Renewable Energy, 2011, 36, 289-297.	4.3	48
23	Optimum sizing of wind-battery systems incorporating resource uncertainty. Applied Energy, 2010, 87, 2712-2727.	5.1	121
24	Optimization of solar water heating systems through water replenishment. Energy Conversion and Management, 2009, 50, 837-846.	4.4	46
25	Application of design space methodology for optimum sizing of wind battery systems. Applied Energy, 2009, 86, 2690-2703.	5.1	65
26	Investigations on heat losses from a solar cavity receiver. Solar Energy, 2009, 83, 157-170.	2.9	190
27	Performance tests on helical Savonius rotors. Renewable Energy, 2009, 34, 521-529.	4.3	242
28	Experimental investigations on single stage, two stage and three stage conventional Savonius rotor. International Journal of Energy Research, 2008, 32, 877-895.	2.2	123
29	Design of solar thermal systems utilizing pressurized hot water storage for industrial applications. Solar Energy, 2008, 82, 686-699.	2.9	77
30	Experimental Investigations on the Effect of Overlap Ratio and Blade Edge Conditions on the Performance of Conventional Savonius Rotor. Wind Engineering, 2008, 32, 163-178.	1.1	33
31	Determination of design space and optimization of solar water heating systems. Solar Energy, 2007, 81, 958-968.	2.9	115