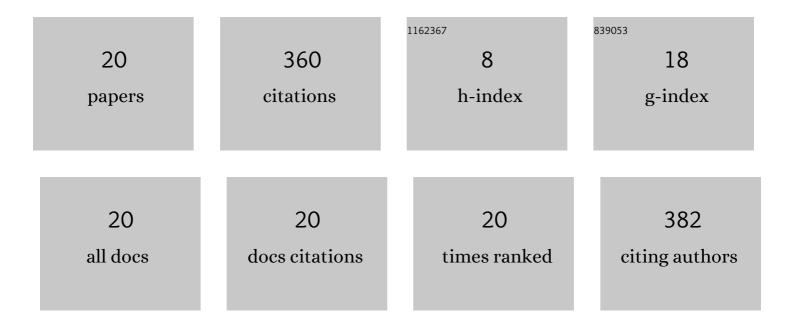
Raja Sekhar Y

List of Publications by Year in descending order

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Ρλίλ Sekhad Y

#	Article	IF	CITATIONS
1	Hybrid Photovoltaic/Thermal (PVT) Collector Systems With Different Absorber Configurations For Thermal Management – A Review. Energy and Environment, 2023, 34, 690-735.	2.7	10
2	Comparative analysis on embodied energy and CO2 emissions for stand-alone crystalline silicon photovoltaic thermal (PVT) systems for tropical climatic regions of India. Sustainable Cities and Society, 2022, 78, 103650.	5.1	14
3	Energy analysis and water conservation measures by water audit at thermal power stations. Sustainable Water Resources Management, 2021, 7, 1.	1.0	6
4	Experimental study on drying kinetics for Zingiber Officinale using solar tunnel dryer with thermal energy storage. Solar Energy, 2021, 229, 174-186.	2.9	13
5	Design and Analysis of a Solar-Powered Electric Vehicle Charging Station for Indian Cities. World Electric Vehicle Journal, 2021, 12, 132.	1.6	32
6	Technoâ€economic feasibility analysis of integrating gridâ€ŧied solar PV plant in a wind farm at Harapanahalli, India. Environmental Progress and Sustainable Energy, 2020, 39, e13374.	1.3	13
7	Remediation of Lead and Nickel Contaminated Soil Using Nanoscale Zero-Valent Iron (nZVI) Particles Synthesized Using Green Leaves: First Results. Processes, 2020, 8, 1453.	1.3	11
8	Exergy Analysis of a Flat Plate Solar Collector With Grooved Absorber Tube Configuration Using Aqueous ZnO–Ethylene Glycol. Journal of Solar Energy Engineering, Transactions of the ASME, 2018, 140, .	1.1	12
9	Nanofluids for Enhanced Solar Thermal Energy Conversion. Topics in Mining, Metallurgy and Materials Engineering, 2017, , 115-148.	1.4	Ο
10	Performance studies on solar collector with grooved absorber tube configuration using aqueous ZnO–ethylene glycol nanofluids. Applied Solar Energy (English Translation of Geliotekhnika), 2017, 53, 215-221.	0.2	8
11	Experimental studies on solar flat plate collector with internally grooved tubes using aqueous ethylene glycol. Applied Solar Energy (English Translation of Geliotekhnika), 2017, 53, 222-228.	0.2	5
12	Performance simulation of a grid connected photovoltaic power system using TRNSYS 17. IOP Conference Series: Materials Science and Engineering, 2017, 263, 062078.	0.3	2
13	Improvement in Material Properties of Thermal Energy Stor age Medium with Nanostructured Materials. Nanoscience and Nanotechnology - Asia, 2017, 7, .	0.3	1
14	Nanofluid heat transfer under mixed convection flow in a tube for solar thermal energy applications. Environmental Science and Pollution Research, 2016, 23, 9411-9417.	2.7	7
15	Study of viscosity and specific heat capacity characteristics of water-based Al ₂ O ₃ nanofluids at low particle concentrations. Journal of Experimental Nanoscience, 2015, 10, 86-102.	1.3	146
16	Heat Transfer Enhancement with Al2O3 Nanofluids and Twisted Tapes in a Pipe for Solar Thermal Applications. Procedia Engineering, 2013, 64, 1474-1484.	1.2	57
17	New correlations for estimation of monthly average daily solar radiation on a horizontal surface using meteorological data. International Journal of Ambient Energy, 2013, 34, 160-174.	1.4	8
18	Experimental investigations on thermal conductivity of water and Al <sub align="right">2O<sub align="right">3 nanofluids at low concentrations. International Journal of Nanoparticles, 2012, 5, 300.</sub </sub>	0.1	6

#	Article	IF	CITATIONS
19	Turbulent forced convection of Al _{2O_{3 nanofluid in a circular tube with tape inserts at low volume concentration. International Journal of Nano and Biomaterials, 2009, 2, 60.}}	0.1	3
20	Fabrication of Dye-Sensitized Solar Cells using natural flower dye extracts: A study on performance analysis and solar dye degradation. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-15.	1.2	6