

Husam Abdalrasool

List of Publications by Year in descending order

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13
papers

1,074
citations

759233

12
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

968
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental investigation of SiC nanofluid as a base-fluid for a photovoltaic thermal PV/T system. <i>Energy Conversion and Management</i> , 2017, 142, 547-558.	9.2	240
2	Experimental studies of rectangular tube absorber photovoltaic thermal collector with various types of nanofluids under the tropical climate conditions. <i>Energy Conversion and Management</i> , 2016, 124, 528-542.	9.2	187
3	Heat transfer enhancement of nanofluids in a double pipe heat exchanger with louvered strip inserts. <i>International Communications in Heat and Mass Transfer</i> , 2013, 40, 36-46.	5.6	157
4	Experimental investigation of jet array nanofluids impingement in photovoltaic/thermal collector. <i>Solar Energy</i> , 2017, 144, 321-334.	6.1	149
5	Performance analysis of solar air heater with jet impingement on corrugated absorber plate. <i>Case Studies in Thermal Engineering</i> , 2017, 10, 111-120.	5.7	102
6	Design and development of compound parabolic concentrating for photovoltaic solar collector: Review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 76, 1108-1121.	16.4	61
7	Photovoltaic thermal solar water collector designed with a jet collision system. <i>Energy</i> , 2018, 161, 412-424.	8.8	38
8	Process system engineering aspect of bio-alcohol fuel production from biomass via pyrolysis: An overview. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 79, 914-923.	16.4	37
9	Integrated advanced nonlinear neural network-simulink control system for production of bio-methanol from sugar cane bagasse via pyrolysis. <i>Energy</i> , 2019, 168, 261-272.	8.8	32
10	Electrocoagulation by solar energy feed for textile wastewater treatment including mechanism and hydrogen production using a novel reactor design with a rotating anode. <i>RSC Advances</i> , 2016, 6, 10192-10204.	3.6	28
11	Outdoor Performance Analysis of a Photovoltaic Thermal (PVT) Collector with Jet Impingement and Compound Parabolic Concentrator (CPC). <i>Materials</i> , 2017, 10, 888.	2.9	23
12	Bi-fluid cooling effect on electrical characteristics of flexible photovoltaic panel. <i>Journal of Mechatronics, Electrical Power, and Vehicular Technology</i> , 2021, 12, 51-56.	0.3	13
13	Improving the performance of air conditioning unit by using a hybrid technique. <i>MethodsX</i> , 2022, 9, 101620.	1.6	7