

# Khalaf I Hamada

## List of Publications by Year in descending order

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17  
papers

240  
citations

1040018

9  
h-index

1125717

13  
g-index

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all docs

17  
docs citations

17  
times ranked

193  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of the performance of Photovoltaic/Trombe wall system using the porous medium: Experimental and theoretical study. <i>Energy</i> , 2019, 171, 14-26.	8.8	79
2	Characterization of the time-averaged overall heat transfer in a direct-injection hydrogen-fueled engine. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 4816-4830.	7.1	33
3	Effect of mixture strength and injection timing on combustion characteristics of a direct injection hydrogen-fueled engine. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 3793-3801.	7.1	27
4	Performance analysis of PV/Trombe with water and air heating system: an experimental and theoretical study. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 2535-2555.	2.3	16
5	A state of the art review of PV/Trombe wall system: Design and applications. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, e13370.	2.3	15
6	Time-averaged heat transfer correlation for direct injection hydrogen fueled engine. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 19146-19157.	7.1	14
7	AN EXPERIMENTAL STUDY FOR PERFORMANCE AND EMISSIONS OF A SMALL FOUR-STROKE SI ENGINE FOR MODERN MOTORCYCLE. <i>International Journal of Automotive and Mechanical Engineering</i> , 2014, 10, 1852-1865.	0.9	14
8	Numerical investigation of in-cylinder flow characteristics of hydrogen-fuelled internal combustion engine. <i>Journal of Mechanical Engineering and Sciences</i> , 2016, 10, 1782-1802.	0.6	11
9	Parametric study of instantaneous heat transfer based on multidimensional model in direct-injection hydrogen-fueled engine. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 12465-12480.	7.1	10
10	Heat Transfer Characteristics in Exhaust Port for Hydrogen Fueled Port Injection Engine: A Transient Approach. <i>Advanced Materials Research</i> , 0, 152-153, 1909-1914.	0.3	5
11	An assessment of the availability and efficiency of a gasoline fueled spark ignition internal combustion engine. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, , 1-22.	2.3	4
12	Multidimensional Computational Modeling of Direct Injection for Hydrogen Fueled Engine. <i>Advanced Science Letters</i> , 2012, 13, 317-321.	0.2	3
13	DEVELOPMENT OF A TEST-RIG FOR A MODERN MOTORCYCLE ENGINE. <i>International Journal of Automotive and Mechanical Engineering</i> , 2014, 10, 2034-2041.	0.9	3
14	Heat Transfer Analysis Inside Exhaust Port for a Hydrogen Fueled Port Injection Engine. <i>Advanced Science Letters</i> , 2012, 14, 239-243.	0.2	3
15	Effect of intake conditions on heat transfer characteristics for port injection hydrogen fueled engine. , 2010, , .		2
16	Thermal and Electrical Performance Analysis of PV/Trombe Wall System. , 2019, , .		1
17	A Comparison between Exhaust Gas and Electrical Grid Heating of a Diffusion Absorption Refrigerator. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1094, 012092.	0.6	0