



البحوث المنشورة ضمن تصنيف (Thomson , Scopus)

No.	Research Title	Research Name	Journal Name	Date of Publication	Publication Database	Link of Research paper
1	Performance investigation of a Wickless Heat Pipe Parabolic Trough Solar Collector	Dr.Fayadh Mohammed Abed & Muhammad Asmail Eleiwi	European Journal of Scientific Research, Vol.136 No 4	4 December 2015	Scopus	http://www.europeanjournalofscientificresearch.com/issues/EJSR_136_4.html
2	Effect of Filling Ratio and Tracking System on Performance of Wickless Heat Pipe Parabolic Trough Solar Collector with Evacuated Glass Tube	Dr.Fayadh Mohammed Abed & Muhammad Asmail Eleiwi	Advances in Natural and Applied Sciences, Vole.15 No.9	29 November 2015	Scopus	http://www.aensiweb.net/AENSIWEB/anas/anas/2015/November/23-31.pdf
3	Development Performance of a solar passive still (multi stage)	Fayadh m. abed • M. S. Kassim2 • M. R. Rahi	/10.1007s13761231-9	2017	Scopus	Technology and Science Environmental of journal International 2017 February DOI: This article is published with open access at Springerlink.com s13762-016-1231-9/10.1007
4	view on the energy and renewable energy status in Iraq: The outlooks	Fayadh M. Abed Y. Al-Douri b,n , Ghazy. M.Y. Al-Sh	Renewable and Sustainable Energy Reviews	Renewable and Sustainable Energy Reviews (2014) 816–827	Scopus	http://dx.doi.org/10.1016/j.rser.2014.07.026 .Elsevier Ltd. All rights reserved 2014&/0321-1364
5	"Solar energy status abundant or not - steps forward"	Yarub alldouri, Fayadh M. Abed	Journal of Renewable and Sustainable Energy Volume 8 Num	Received 04 February 2015 Accepted 01 April 2016 Published online 19 April 2016	Scopus	Journal of Renewable and Sustainable Energy 8, 025905 (2016); doi: http://dx.doi.org/10.1063/1.4947076

6	Effect of mixture strength and injection timing on combustion characteristics of a direct injection hydrogen-fueled engine	Khalaf I. Hamada. et. al.	International Journal of Hydrogen Energy	March 2013	Thomson, Scopus	https://doi.org/10.1016/j.ijhydene.2013.01.092
7	Heat transfer characteristics of intake port spark ignition engine: a comparative study	Khalaf I. Hamada. et. al.	Journal of Applied Sciences	July 2010	Scopus	http://docsdrive.com/pdfs/ansinet/jas/2010/2019-2026.pdf
8	Characterization of the time-averaged overall heat transfer in a direct-injection hydrogen-fueled engine	Khalaf I. Hamada. et. al.	International Journal of Hydrogen Energy	April 2013	Thomson, Scopus	https://doi.org/10.1016/j.ijhydene.2013.01.136
9	Time-averaged heat transfer correlation for direct injection hydrogen fueled engine	Khalaf I. Hamada. et. al.	International Journal of Hydrogen Energy	December 2012	Thomson, Scopus	https://doi.org/10.1016/j.ijhydene.2012.09.113
10	An Experimental Study for Performance and Emissions of a Small Four-Stroke SI Engine for Modern Motorcycle	Khalaf I. Hamada. et. al.	International Journal of Automotive and Mechanical Engineering	December 2014	Scopus	https://dx.doi.org/10.15282/ijame.10.2014.3.0154
11	Parametric study of instantaneous heat transfer based on multidimensional model in direct-injection hydrogen-fueled engine	Khalaf I. Hamada. et. al.	International Journal of Hydrogen Energy	September 2013	Thomson, Scopus	https://doi.org/10.1016/j.ijhydene.2013.07.051

12	Influence of engine speed and mixture strength on instantaneous heat transfer for direct injection hydrogen fuelled engine	Khalaf I. Hamada. et. al.	Energy Education Science and Technology Part A: Energy Science and Research	December 2012	Scopus	http://www.silascience.com/abstracts/31032013111927.html
13	Multidimensional computational modeling of direct injection for hydrogen fueled engine	Khalaf I. Hamada. et. al.	Advanced Science Letters	June 2012	Scopus	https://doi.org/10.1166/asl.2012.3774
14	Development of a computational fluid dynamics model for direct injection hydrogen fueled engine	Khalaf I. Hamada. et. al.	International Review of Mechanical Engineering	March 2012	Scopus	http://www.scopus.com/inward/record.url?eid=2-s2.0-84864348057&partnerID=MN8TOARS
15	Development of a Test-Rig for a Modern Motorcycle Engine	Khalaf I. Hamada. et. al.	International Journal of Automotive and Mechanical Engineering	December 2014	Scopus	http://dx.doi.org/10.15282/ijame.10.2014.20.0171
16	Numerical investigation of in-cylinder flow characteristics of hydrogen-fuelled internal combustion engine	Khalaf I. Hamada. et. al.	Journal of Mechanical Engineering and Sciences	June 2016	Scopus	http://dx.doi.org/10.15282/jmes.10.1.2016.4.0172
17	On the natural convection heat transfer in a rectangular passage solar air heater	Al-Kayiem, H.H. and Yassen, T.A.	Solar Energy	30/11/2014	Thomson	http://dx.doi.org/10.1016/j.solener.2014.11.031

18	Testing of the performance of a fruit and vegetable solar drying system in Iraq	Khalil E.J. Al-Juamily*, Abdul Jabbar N. Khalifa, Tadahmun A. Yassen	Desalination	30/4/2007	Thomson	http://www.sciencedirect.com/science/article/pii/S0011916407001178
19	Experimental investigation and evaluation of hybrid solar/thermal dryer combined with supplementary recovery dryer	Tadahmun A. Yassen ↑, Hussain H. Al-Kayiem	Solar Energy	9/5/2016	Thomson	http://dx.doi.org/10.1016/j.solener.2016.05.011
20	Solar-biomass hybrid dryer enhanced by the Co-Gen technique	Tadahmun A. Yassen □ & Hussain H. Al-Kayiem	Drying Technology	12/6/2015	Thomson	http://dx.doi.org/10.1080/07373937.2015.1051662
21	Analytical Analysis of Thermal Energy Storage Performance of Room Heating System by Solar Energy	Tadahmun A. Yassen, Hussain H. Al-Kayiem, Maki H. Khalaf and Nassir D. Dhamin	<i>Asian Journal of Scientific Research</i>	7/1/2013	scopus	http://scialert.net/abstract/?doi=ajsr.2013.135.145
22	Design and Performance Investigation of Thermal Buck-up System for Hybrid Drying	Yassen, T.; Al-Kayiem, H.; Habib, K.	chapter in the book: The Sustainable City VIII, Vol. 2, WIT Transaction on Ecology and the Environment	5/12/2013	scopus	https://www.witpress.com/Secure/elibrary/papers/SC13/SC13078FU2.pdf
23	Evaluation of hybrid solar–biomass dryer with no load	Yassen, Tadahmun Ahmed, Hussain H. Al-Kayiem, and Khairul Habib	MATEC Web of Conferences	17/7/2014	scopus	https://doi.org/10.1051/matecconf/20141306007

24	Experimental and computational study of melting phase-change material in a triplex tube heat exchanger with longitudinal/triangular fins	Dr. Ali Ahmed Gitan	Solar Energy	8 June 2017		http://www.sciencedirect.com/science/article/pii/S0038092X17305273
25	Tracking collector consideration of tilted collector solar updraft tower power plant under Malaysia climate conditions	Dr. Ali Ahmed Gitan	Energy	19 November 2015		http://www.sciencedirect.com/science/article/pii/S0360544215012013
26	Development of Pulsating Twin Jets Mechanism for Mixing Flow Heat Transfer Analysis	Dr. Ali Ahmed Gitan	The Scientific World Journal	2 February 2014		https://www.hindawi.com/journals/tswj/2014/767614/
27	Twin Pulsating Jets Impingement Heat Transfer for Fuel Preheating in Automotives	Dr. Ali Ahmed Gitan	Applied Mechanics and Materials	October 2014		https://www.scientific.net/AMM.663.322
28	Multiple pulsating jets mechanism for heat transfer enhancement	Dr. Ali Ahmed Gitan	International Review of Mechanical Engineering	March 2012	Scopus	https://www.scopus.com/record/display.uri?eid=2-s2.0-84864332909&origin=inward&txGid=28F4E2B105F24CE4892D4B4D5F396634.wsnAw8kcdt7IPYLO0V48gA%3a1