

Scientific Research Statistics for 2020-2021

No .	Authors	Article Title	Journal Name	Quartile	Published Date	Volume	Issue No.	PP.	Publisher	Funded Organization	URL
1.	A Almaneea	Experimental and Numerical Investigation of Single-Phase Forced Convection in Flat Plate Heat Exchanger with Different Numbers of Passes	Arabian Journal for Science and Engineering	Q3	2020	45	11	9769-9776	Springer	Majmaah University	https://link.springer.com/article/10.1007/s13369-020-04906-8
2.	A Almaneea	Experimental and Numerical Investigation of Fluid Flow and Heat Transfer in Circular Micro-Channel	Sains Malaysiana	Q4	2020	49	10	2599-2608	Sains Malaysian a	Majmaah University	http://ukm.my/jsm/pdf_files/SM-PDF-49-10-2020/25.pdf
3.	Syam Sundar, L. Raman, E.V. Zafar, Raj Sekhar, Y. Chandra Mouli, K V V. Antonio S	Heat Transfer, Energy Efficiency and Environmental Emissions Analysis of Flat Plate Solar Collector Using Nanodiamond Nanofluids	Diamond & Related Materials	Q2	Dec.2020	110	--	108115	Elsevier	Nil	https://www.sciencedirect.com/science/article/pii/S0925963520306683
4.	Awan, A.B, Chandra Mouli, K V V. and Zubair, M	Performance Enhancement of Solar Tower Power Plant: A Multi-objective Optimization Approach	Energy Conservation and Management	Q1,	Dec. 2020	225	--	113378	Elsevier	Nil	https://www.sciencedirect.com/science/article/pii/S0196890420309158
5.	Awan, A.B, Zubair, M and Chandra Mouli, K V V	Design, Optimization and Performance Comparison of Solar Tower and Photovoltaic Power Plants	Energy	Q1	May 2020	199	--	117450	Elsevier	Majmaah University	https://www.sciencedirect.com/science/article/pii/S0360544220305570

6.	Chandra Mouli K V V., Srinivas, V., V. Vandana, Kodanda Ramarao Ch, Seetha Rama Rao Y	Investigation of Tribological Properties and Engine Performance of Polyol Ester Based Bio-lubricant - Commercial Motorbike Engine oil Blends	Journal of Automobile Engineering, Part D	Q3	1 April 2020	234	5	130-1317	SAGE	Nil	https://journals.sagepub.com/doi/abs/10.1177/0954407019878359
7.	Truong Khang Nguyen; M. Sheikholeslami; M. Jafaryar; Ahmad Shafee; Zhixiong Li; Chandra Mouli K.V.V., I. Tlili	Design of Heat Exchanger with Combined Turbulator	Journal of Thermal Analysis and Calorimetry	Q2	January 2020	139	1	649-659	Springer	Majmaah University	https://link.springer.com/article/10.1007/s10973-019-08401-7
8.	Tlili, Ali Vakkar	Thermodynamic analysis and optimization of solar thermal engine: Performance enhancement	Physica A: Statistical Mechanics and its Applications	Q1	Feb,2020	540	2	123012	Elsevier	Nil	https://doi.org/10.1016/j.physa.2019.123012
9.	M N Khan	Energy and exergy analyses of regenerative gas turbine air bottoming combined cycle: optimum performance	Arabian Journal for Science and Engineering	Q3	2020	45	7	5895-5905	Springer	Majmaah University	https://doi.org/10.1007/s13369-020-04600
10	Ahmed Bilal Awan, M.N. Khan, Muhammad Zubair, Evangelos Bellos	Commercial parabolic trough CSP plants: Research trends and technological advancements	Solar Energy	Q2	2020	211	-	1422–1458	Elsevier	Majmaah University	https://doi.org/10.1016/j.solener.2020.09.072
11	Saleh A. Aldahash and Abdelrasoul Gadelmoula	Orthotropic properties of cement-filled polyamide12 manufactured by selective laser sintering	Rapid Prototyping Journal	Q1	April 2020	26	6	1103-1112	EMERALD	Majmaah University	https://www.emerald.com/insight/content/doi/10.1108/RPJ-07-2019-0191/full/html
12	Saleh A. Aldahash, Shaaban A. Salman, and Abdelrasoul Gadelmoula	Towards Selective Laser Sintering of Objects with Customized Mechanical Properties Based on ANFIS Predictions	Journal of Mechanical Science and Technology	Q3	Aug. 2020	34	12	-	Springer	Majmaah University	-----

13	Alqahtani, A.M., Albulayhid, T.K., Alotaibi, M. N., Alarifi, I.M. and EL-Bagory, T.M.,	Fracture Behavior of Cracked Ring Specimen at Different Crack Positions	Journal of Pressure Vessel Technology-Transactions .	Q4	Oct.2020	142	5	051302	ASME	Majmaah University	https://doi.org/10.1115/1.4046980 .
14	Abd-Elhady, Amr A.; Sallam, Hossam El-Din M.; Alarifi, Ibrahim M., Malik, Rizwan A. and EL-Bagory, T.M.,	“Investigation of Fatigue Crack Propagation in Steel Pipeline Repaired by Glass Fiber Reinforced Polymer	Composite Structures	Q1	Aug. 2020	242	--	112189	Science direct	Majmaah University	https://doi.org/10.1016/j.compstruct.2020.112189 .

II. Conference Publications (August 2021 – April 2022)

No.	Authors	Paper Title	Conference Name	Conference Date	City/Country	Publisher	Published Date	PP.	URL
1.	Almotery, K.A.G., Alsaiani, W.S.M., Alyoussef, Y.A.Y., Alsahli, M.F.M., Alharbi, M.M.O., EL-Bagory, T.M. and Alarifi, I.M.	Fabrication and Characterization of the Recycling of Composite Palm Materials, Shell, Leaves and Branches in Saudi Arabia	Proceedings of the ASME 2019, International Mechanical Engineering Congress and Exposition IMECE 2019, November 8-14, 2019, Salt Lake, Utah, USA, IMECE201910308, V012T10A017,	24-28 February 2019	Salt Lake, Utah, USA,	ASME	2 March 2020	IMECE201910308, V012T10A017	https://doi.org/10.1115/IMECE2019-10308 .
2.	Dr.Vakkar Ali	Aerodynamic drag analysis on the body of Indian Tata Indica car. (ME052)	International Conference on recent trends & research in Engineering and Science (ICRTRES 2K20)	24-28 February 2019	Mumbai, India	(ICRTRES 2K20)	May, 2020	07267	coelmkapur@rediffmail.com