


Scopus Papers 2020


رابط البحث في المستوعب	نوع المجلة	سنة النشر	اسم المجلة	اسم البحث	اسم الباحث	ت
https://www.tandfonline.com/doi/abs/10.1080/13588265.2020.1807679	Scopus	٢٠٢٠	International Journal of Crashworthiness	On the peak quasi-static load of axisymmetric buckling of circular tubes	مازن ياسين عبود	١
https://www.scientific.net/MSF.1002.578	Scopus	٢٠٢٠	Materials Science Forum	Influence of Corrugation Pattern on the Stiffness of Thin Plates	مازن عبود ياسين	2
https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.21732	Scopus	٢٠٢٠	Heat Transfer	Numerical simulation of hydrothermal behavior in a concentric curved annular tube	وليد عبد محمد	3
https://ieeexplore.ieee.org/document/9450757	Scopus	٢٠٢٠	Proceedings - International Conference on Developments in eSystems Engineering, DeSEthis link is disabled, 2020	Diagnosis of Induced Gear Wear in Two-Stage Helical Gearbox Based on Vibration Analysis	خلدون فاضل بريذع	4
https://astesj.com/v05/i05/p46/	Scopus	٢٠٢٠	Advances in Science, Technology and Engineering Systems	Using envelope analysis and compressive sensing method for intelligent fault diagnosis of ball bearing	خلدون فاضل بريذع	٥
https://journals.sagepub.com/doi/abs/10.1177/002199832091171	Scopus	٢٠٢٠	Journal of Composite	Effect of friction and shear strength enhancement on delamination	غالب رزيك ابراهيم	٦

9			Materials	prediction		
https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.21620	Scopus	٢٠٢٠	Heat Transfer-Asian Research	Three-dimensional computational comparison of mini-pinned heat sinks using different nanofluids: Part two—energy and exergy characteristics	مهند عبدالعزيز عبدالرحيم	٧
https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.21620	Scopus	2020	Heat Transfer-Asian Research	Three-dimensional computational comparison of mini pinned heat sinks using different nanofluids: Part one—the hydraulic-thermal characteristics	مهند عبدالعزيز عبدالرحيم	٨
https://www.sciencedirect.com/science/article/abs/pii/S1359431119334076	Scopus	2020	Applied Thermal Engineering	Numerical simulation of hydrothermal performance of minichannel heat sink using inclined slotted plate-fins and triangular pins	مهند عبدالعزيز عبدالرحيم	9
https://www.sciencedirect.com/science/article/pii/S1018363919303459	Scopus	٢٠٢٠	Journal of King Saud University	Using solar energy to generate power through a solar wall	عبدالرحمن محمد حمادي	10
https://www.sciencedirect.com/science/article/abs/pii/S1359431120329859	Scopus	2020	Applied thermal engineering journal	Study a novel hybrid system for cooling solar panels and generate power	عبدالرحمن محمد حمادي	11
https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.21766	Scopus	٢٠٢٠	HEAT TRANSFER	Optimal hydrothermal design of internal flow pipe with insertion of straight and helical metal foam fins	عبيد طلك فاضل	١٢
http://solidstatetechnology.us/index.php/JSST/article/view/5350	Scopus	٢٠٢٠	Solid State Technology Volume: 63 Issue: 5	Thermal and Rheological Properties of Metallic Oxides Based Nanorefrigerants: Effect of Nanoparticles Type and Shape	هيثم كامل داود	١٣
https://asmedigitalcollection.asme.org/fluidsengineering/article-abstract/142/5/051201/1071086/Phase-Lags-Radial-Variations-Between-Velocity	Scopus	2020	Journal of Fluid Engineering-ASME	Phase-lags' Radial Variations Between Velocity, Shear Stress, and Pressure Gradient in Ultra-high Frequency Pulsating Turbulent Flows	سعد محمد جليل	14
https://asmedigitalcollection.asme.org/heattransfer/article-	Scopus	2020	Journal of Heat Transfer-ASME	Numerical Characterization of Viscous Heat Dissipation Rate in	سعد محمد جليل	15



abstract/142/1/011801/1065565/ Numerical-Characterization-of- Viscous- Heat?redirectedFrom=fulltext						
---	--	--	--	--	--	--


رئيس القسم
م.د. مازن ياسين عبود
٢٠٢٠/٩/١٤


مسؤول ضمان الجودة
م.د. ستار عبد مطلق
٢٠٢٠/٩/١٤