Jordan Journal of Mechanical and Industrial Engineering

PAGES	PAPERS
139 - 154	CFD Simulation of Energy Transfer within a Membrane Heat Exchanger under Turbulent Flow Shuruq Shawish , Diala Bani Mostafa, Rafat Al-Waked, Mohammad S. Nasif
155 - 181	Performance Modeling and Estimation of Serial System Exhibiting k-out-of-n: G Scheme with Controller Failure Hamisu Ismail Ayagi, Zhong Wan, Ibrahim Yusuf, Abdullah Sanusi, Mus'abu Musa
183 - 193	MHD Flow Along a Vertical Plate with Heat and Mass Transfer under Ramped Plate Temperature Mohammad Shareef
195 - 204	Application of Hybrid Fuzzy Technique for Damage Estimation in Structural Member Sasmita Sahu, Shakti P. Jena
205 - 218	Thermal performance analysis of heat transfer in pipe by using metal foam Raad Mohammed Kadhim Ali, Sajida Lafta Ghashim
219 - 232	Improving the COPRAS Multicriteria Group Decision-Making Method for Selecting a Sustainable Supplier Using Intuitionistic and Fuzzy Type 2 Sets MassoumehAzizi Nafteh, Mahmoud Shahrokhi
233 - 242	On the Morphological and Tribological Characterization of Green Automotive Brake Pads Developed from Waste Thais Coronata Seashells E.O. Ekpruke, C.V. Ossia, A. Big-Alabo
243 - 253	The Effect of Alloying, Processing and Heat Treatment on the Wear Resistance of Al-Cu-Mg-Ag Alloys Abdallah Abdelkawy, E.A. El-Danaf, Abdulhakim Almajid
255 - 268	Effect of Dynamic Swiveling Torque and Eccentricity on the Design of Compensator Cylinders for a Variable Displacement Axial Piston Pump–Modelling & Simulation Ishita De, Subhasish Sarkar, Shouvik Chaudhuri, Nitesh Mondal, Niraj Kumar
269 - 279	Mechanical Behaviour Assessment of Banana Fibres Reinforced Polymeric Composite with Aluminium-Powder Filler Robson Balcha, Bhaskaran J, Perumalla Janaki Ramulu, Belay Brehane Tesfamariam
281 - 287	Behaviour and Some Properties of Wood Plastic Composite Made from Recycled Polypropylene and Rubberwood A.A. Abdul Rahman, O.J. Adeboye, A. Adebayo, M.R. Salleh
289 - 296	Investigation on Mechanical and Morphological Characteristics of Ramie/Silk with Epoxy Hybrid Composite of Filler OMMT Nanoclay Sadashiva. K, K.M. Purushothama
297 - 307	Detecting Technique of COVID-19 Via an Optimized Piezoelectric Sensor <i>Muath A. Bani-Hani, Mohamed A. Al-Moghazy, Wael A. Altabey, Mohamed Hakam, Sallam. A. Kouritem</i>
309 - 317	Selecting the Best Material for Hydrogen Storage Using the Analytical Hierarchical Process Bashar Al-Shalabi , Mohammed Almomani , Mariam Abu-Awwad , Musa Al-Ajlouni