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Title	Cited by	Year
A study on the mechanical and corrosion behaviour of bronze–TiB2 metal matrix composites S Venkatesan, J Jerald, P Asokan, R Harichandran Materials Today: Proceedings		2020
An intelligent constitutive and collaborative framework by integrating the design, inspection and testing activities using a cloud platform A Saravanan, J Jerald, A Delphin Carolina Rani International Journal of Computer Integrated Manufacturing 33 (5), 440-459	3	2020
A Comprehensive Review on Microfluidics Technology and its Applications S Venkatesan, J Jerald, P Asokan, R Prabakaran Recent Advances in Mechanical Engineering, 235-245	1	2020
Performance Analysis of Temperature and MRR Using High-Speed Micro-Drilling on Incoloy 800 Superalloy T Venkatesan, J Jerald, P Asokan Recent Advances in Mechanical Engineering, 313-320		2020
Optimization of Electrical Discharge Machining of Al-Mg-TiO2 Metal Matrix Nanocomposites SS Kumar, J Jerald EasyChair		2019
An eco-friendly closed loop supply chain network with multi-facility allocated centralized depots for bidirectional flow in a battery manufacturing industry SU Sherif, P Sasikumar, P Asokan, J Jerald Journal of Advances in Management Research		2019
Performance analysis of cryogenically assisted high speed micro drilling of Incoloy 800 super alloy T Venkatesan, J Jerald, P Asokan Materials Research Express 6 (8), 086565	4	2019
Ontological model-based optimal determination of geometric tolerances in an assembly using the hybridised neural network and Genetic algorithm A Saravanan, J Jerald Journal of Engineering Design 30 (4-5), 180-198	4	2019
Bi-objective optimisation model with societal constraints for green closed loop supply chain network-a case of battery industry SU Sherif, P Sasikumar, P Asokan, J Jerald International Journal of Productivity and Quality Management 27 (3), 276-304	1	2019
Effects of electrode materials on performance measures of electrical discharge micro-machining JC Pilligrin, P Asokan, J Jerald, G Kanagaraj Materials and Manufacturing Processes 33 (6), 606-615	15	2018

Experimental investigation on micro drilling of Inconel 718 super alloy T Venkatesan, J Jerald, JC Pilligrin, P Asokan	5	2018
International Journal of Machining and Machinability of Materials 20 (1), 48-63		
Experimental investigation on performance of additive mixed dielectric during micro-electric discharge drilling on 316L stainless steel J Cyril, A Paravasu, J Jerald, K Sumit, G Kanagaraj Materials and Manufacturing Processes 32 (6), 638-644	15	2017
Tool speed and polarity effects in micro-EDM drilling of 316L stainless steel J Cyril Pilligrin, P Asokan, J Jerald, G Kanagaraj, J Mukund Nilakantan, Production & Manufacturing Research 5 (1), 99-117	11	2017