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SL No	Title	Year of publication
1	Dr. M. Ramu, Chinnuraj, S., Ramaswamy, T., Venkatachalam, M., Nataraj, M., Murugan, R., and Selvakumar, M., "Optimization of Process Parameters of Epoxy Granite for Strength and Damping Characteristics Using TOPSIS Method", Journal of Testing and Evaluation 49 , 2019	2019
2	Dr. M. Ramu, S, P. A., R, R., and P, G., "Multi-response Optimization of End Milling Parameters for Al-Zn-Mg/SiC Co-continuous Composite Using Response Surface Methodology", Testing and Analysis of Materials, 2019	2019
3	S. T Kumar, Shalini, S., Dr. M. Ramu, and Dr. Govindaraj M., "Characterisation of AZ31/ZrO <sub>2</sub> composites produced via stir casting", Materials Research Express, vol. 6, p. 1165d1, 2019	2019
4	T. Kumaresan, Gandhinathan, R., Dr. M. Ramu, and Gunaseelan, M., "Biomechanical analysis of implantation of polyamide/hydroxyapatite shifted architecture porous scaffold in an injured femur bone", International Journal of Biomedical Engineering and Technology, vol. 30, pp. 16-30, 2019	2019
5	S. Chidambara Raja, L.A. Kumaraswamidhas, P. Karthikeyan, and Dr. M. Ramu, "Prediction of pressure dependent effective thermal conductivity of two phase materials in high temperature applications-An analytical method using hexagon and octagon models", International Journal of Thermal Sciences, vol. 135, pp. 192 - 205, 2019	2019
6	Vignesh P., Krishna Kumar R., Dr. M. Ramu, Lakshminarayanan A., Idapalapati S., and Vasudevan M., "Evaluation of Mechanical and Thermal Behaviour of Particle-Reinforced Metal Matrix Composite Using Representative Volume Element Approach", Advances in Materials and Metallurgy. Lecture Notes in Mechanical Engineering, pp. 415-425, 2019.	2019
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10	Dr. M. Ramu, Mitilesh, R. N., and Singamneni, S., “Influence of process parameters on the mechanical behaviour and processing time of 3D printing”, International Journal of Modern Manufacturing Technologies, vol. 10, pp. 69-75, 2018.	2018
11	S. Karuthapandi and Dr. M. Ramu, “An experimental investigation of flat wire electrodes and their weld bead quality in the FCAW process”, High Temperature Material Processes: An International Quarterly of High-Technology Plasma Processes, vol. 21, pp. 65-79 , 2017	2017
12	S. Venkatesan and Dr. M. Ramu, “Effect of mechanical properties and corrosion behavior of sputtered Ti thin film on AA7075 substrate.”, High Temperatures – High Pressures, vol. 46, pp. 115 - 131, 2017	2017
13	Dr. M. Ramu, “Evolution of electrode geometry shape and their weld quality in FCAW”, High Temperature Material Processes ,	2017
14	Dr. M. Ramu, Banu Pradheepa Kamarajan, Dinakar Rai B K, Vignesh Mathialagan, Shanthakumari, and Ananthasubramanian Muthusamy, “Evaluation of selective laser sintered polyamide/hydroxyapatite composite compositions –in vitro and in vivo”, International Journal of Biomedical Research, vol. 8, no. 8, pp. 467-474., 2017.	2017
15	S. Karuthapandi, Dr. M. Ramu, and Thyla, P. R., “Effects of the use of a flat wire electrode in gas metal arc welding and fuzzy logic model for the prediction of weldment shape profile”, Journal of Mechanical Science and Technology, vol. 31, pp. 2477-2486, 2017	2017
16	Dr. M. Ramu, S Udhayakumar, and V Prabhu Raja, “Theoretical Performance Evaluation and Finite Element Analysis of Differential Gear Box Housings”, National Journal of Technology, vol. 2, pp. 37 - 41, 2016.	2016
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	method and regression analysis”, High Temperature Material Processes, vol. 20, no. 3, pp. 197-224, 2016.	
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