List of Publications of Dr R Jeyapaul

Year: 2014-2019 Source: Scopus

S. No.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end
1	Sakthi Nagaraj, T., Jeyapaul, R., Mathiyazhagan, K.	Evaluation of ergonomic working conditions among standing sewing machine operators in Sri Lanka	2019	International Journal of Industrial Ergonomics	70		70	83
2	Sakthi Nagaraj, T., Jeyapaul, R., Vimal, K.E.K., Mathiyazhagan, K.	Integration of human factors and ergonomics into lean implementation: ergonomic-value stream map approach in the textile industry	2019	Production Planning and Control	Article in press			
3	Sivakumar, K., Jeyapaul, R., Vimal, K.E.K., Ravi, P.	A DEMATEL approach for evaluating barriers for sustainable end-of-life practices	2018	Journal of Manufacturing Technology Management	29	6	1065	1091
4	Mahendran, S., Jeyapaul, R.	Preparation of aluminium calcium oxide composite material using stir casting method and testing of its mechanical properties	2018	Comptes Rendus de L'Academie Bulgare des Sciences	71	10	1388	1393
5	Mahendran, S., Senthilkumar, A., Jeyapaul, R.	Analysis of lean manufacturing in an automobile industry – A case study	2018	International Journal of Enterprise Network Management	9	2	129	142
6	Maniraj, M., Pakkirisamy, V., Jeyapaul, R.	An ant colony optimization-based approach for a single-product flow-line reconfigurable manufacturing systems	2017	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	231	7	1229	1236
7	Jenarthanan, M.P., Kumar,	Modelling of machining force in end milling of GFRP composites using MRA and	2016	Australian Journal of Mechanical Engineering	14	2	104	114

	S.R., Jeyapaul, R.	ANN						
8	Sivasankar, S., Jeyapaul, R.	Modelling of an artificial neural network for electrical discharge machining of hot pressed zirconium diboride-silicon carbide composites	2016	Transactions of Famena	40	3	67	80
9	Selvarajan, L., Sathiya Narayanan, C., Jeyapaul, R., Manohar, M.	Optimization of EDM process parameters in machining Si3N4-TiN conductive ceramic composites to improve form and orientation tolerances	2016	Measurement: Journal of the International Measurement Confederation	92		114	129
10	Jenarthanan, M.P., Ram Prakash, A., Jeyapaul, R.	Experimental investigation of machinability characteristics in Al-TiB2 metal matrix composite (MMC) based on the Taguchi method with fuzzy logics	2016	Multidiscipline Modeling in Materials and Structures	12	1	177	193
11	Selvarajan, L., Narayanan, C.S., Jeyapaul, R.	Optimization of EDM Parameters on Machining Si 3N 4-TiN Composite for Improving Circularity, Cylindricity, and Perpendicularity	2016	Materials and Manufacturing Processes	31	4	405	412
12	Jenarthanan, M.P., Subramanian, A.A., Jeyapaul, R.	Comparative analysis of surface roughness prediction using DOE and ANN techniques during endmilling of glass fibre reinforced polymer (GFRP) composites	2016	Pigment and Resin Technology	45	2	126	139
13	Jenarthanan, M.P., Prakash, A.L., Jeyapaul, R.	Experimental investigation and analysis of factors influencing delamination and surface roughness of hybrid GFRP laminates using Taguchi technique	2016	Pigment and Resin Technology	45	6	463	475
14	Jenarthanan, M.P., Prakash, A.L., Jeyapaul, R.	Experimental investigation and analysis of machinability behaviour of hybrid GFRP composites during end milling	2016	Pigment and Resin Technology	45	3	206	214
	Sivasankar, S., Jeyapaul, R.	Characterization of ZrB2-SiC composites with an analytical study on material	2016	Transactions of the Canadian Society for	40	3	331	349

		removal rate and tool wear rate during electrical discharge machining		Mechanical Engineering				
15	Jenarthanan, M.P., Prakash, A.L., Jeyapaul, R.	Mathematical modeling of delamination factor on end milling of hybrid GFRP composites through RSM	2016	Pigment and Resin Technology	45	5	371	379
16	Selvarajan, L., Sathiya Narayanan, C., Jeyapaul, R.	Optimization of process parameters to improve form and orientation tolerances in EDM of MoSi2-SiC composites	2015	Materials and Manufacturing Processes	30	8	954	960
17	Selvarajan, L., Narayanan, C.S., Jeyapaul, R.	Optimization of EDM Hole Drilling Parameters in Machining of MoSi2-SiC Intermetallic/Composites for Improving Geometrical Tolerances	2015	Journal of Advanced Manufacturing Systems	14	4	259	272
18	Jenarthanan, M.P., Prakash, A.R., Jeyapaul, R.	Modeling and analysis of process parameters on metal removal rate (MRR) in machining of aluminium titanium diboride (Al-TiB2composite	2015	Multidiscipline Modeling in Materials and Structures	11	3	372	385
19	Jenarthanan, M.P., Jeyapaul, R.	Analysis and optimisation of machinability behaviour of CFRP composites using fuzzy logic	2015	Pigment and Resin Technology	44	1	48	55
20	Singarvel, B., Selvaraj, T., Jeyapaul, R.	Multi objective optimization in turning of EN25 steel using taguchi based utility concept coupled with principal component analysis	2014	Procedia Engineering	97		158	165
21	Selvarajan, L., Sathiya Narayanan, C., Jeyapaul, R.	Optimization of machining characteristics in EDM of Si3N4-TiN composites by Taguchi grey relational analysis	2014	Applied Mechanics and Materials	592-594		600	604
22	Selvarajan, L., Sathiya Narayanan, C., Jeyapaul, R.	Multi-objective optimization on electric discharge machining using by grey relational analysis	2014	Applied Mechanics and Materials	592-594		550	554
23	Jenarthanan,	Machinability study of carbon fibre	2014	Pigment and Resin	43	1	35	44

	M.P., Jeyapaul, R.	reinforced polymer (CFRP) composites using design of experiment technique		Technology				
24	Manohar, M., Selvaraj, T., Sivakumar, D., Jeyapaul, R., Jomy, J.	Application of experimental design and analysis of mathematical models for turning inconel 718 using coated carbide tools	2014	Experimental Techniques	38	6	61	71