

Dr. S. Satish kumar – Publications

TITLE	CITED BY	YEAR
Optimization of multiple characteristics of EDM parameters based on desirability approach and fuzzy modeling P Sengottuvel, S Satishkumar, D Dinakaran Procedia Engineering 64, 1069-1078	133	2013
Optimization of depth of cut in multi-pass turning using nontraditional optimization techniques S Satishkumar, P Asokan, S Kumanan The International Journal of Advanced Manufacturing Technology 29 (3-4), 230-238	51	2006
Evaluation of mechanical and metallurgical properties of dissimilar materials by friction welding C Shanjeevi, SS Kumar, P Sathiya Procedia Engineering 64, 1514-1523	24	2013
Selection of optimal conditions for CNC multitool drilling system using non-traditional techniques S Satishkumar, P Asokan International Journal of Machining and Machinability of Materials 3 (1-2) ...	18	2008
Multi-objective optimization of friction welding parameters in AISI 304L austenitic stainless steel and copper joints C Shanjeevi, S Satish Kumar, P Sathiya Proceedings of the Institution of Mechanical Engineers, Part B: Journal of ...	16	2016
Influence of cooling on the performance of the drilling process of glass fibre reinforced epoxy composites B Ramesh, A Elayaperumal, S Satishkumar, A Kumar, T Jayakumar, ... Archives of Civil and Mechanical Engineering 16, 135-146	14	2016
Influence of different cooling methods on drill temperature in drilling GFRP VSR K. Jessy, S. Satish kumar, D. Dinakaran International Journal of Advanced Manufacturing Technology 76 (1-4), 609-621	14	2015
Effects of electrical parameters, its interaction and tool geometry in EDM of titanium grade 5 alloy with graphite tool. DD Sivam, S.P., Michaelraj, A.L., Satish Kumar, S, Varahamoorthy R Proceedings of the Institution of Mechanical Engineers, Part B: Journal of ...	13*	2013
Drilling of pultruded and liquid composite moulded glass/epoxy thick composites: Experimental and statistical investigation B Ramesh, A Elayaperumal, S Satishkumar, A Kumar Measurement 114, 109-121	10	2018
Effect of drill point geometry on quality characteristics and multiple performance optimization in drilling of nonlaminated composites B Ramesh, A Elayaperumal, S Satishkumar, A Kumar, T Jayakumar Proceedings of the Institution of Mechanical Engineers, Part L: Journal of ...	10	2016
Statistical multi-objective optimization of electrical discharge machining parameters in machining titanium grade 5 alloy using graphite electrode VI Saravanan P Sivam, Antony L Michaelraj, S Satish Kumar, G Prabhakaran, D ... Proceedings of the Institution of Mechanical Engineers, Part B: Journal of ...	10	2014
Effect of the standard and special geometry design of a drill body on quality characteristics and multiple performance optimization in drilling of thick laminated composites B Ramesh, A Elayaperumal, S Satishkumar Procedia Manufacturing 97, 390-401	10	2014
Drillability study of pultruded and sheet moulding compound thick polymeric composites B Ramesh, A Elayaperumal, S Satishkumar Proceedings of the Institution of Mechanical Engineers, Part B: Journal of ...	6	2017
Investigating the fluctuations in tool vibration during GFRP drilling through recurrence quantification analysis K Jessy, D Dinakaran, SS Kumar Journal of Mechanical Science and Technology 29 (3), 1265-1272	3	2015
Optimization of electrical discharge machining process parameters using desirability approach D Sengottuvel, P., Satishkumar, S., Dinakaran Applied Mechanics and Materials, 176-180	3	2012
Multi Objective Optimization Technique for EDM of Inconel 718 Alloy P Sengottuvel, S Satishkumar, D Dinakaran Journal of Artificial Intelligent systems and machine learning 3, 853-858	3	2011

TITLE	CITED BY	YEAR
Optimization of Friction Welding in dissimilar materials through Taguchi based Grey Relational Analysis C Shanjeevi, S Satish Kumar, P Sathiya, P Jose Applied Mechanics and Materials 766, 884-889	2	2015
Influence of cooling on the performance of the drilling process of glass fibre reinforced epoxy composites (vol 16, pg 135, 2016) B Ramesh, A Elayaperumal, S Satishkumar, A Kumar, T Jayakumar, ... ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING 16 (3), 564-564		2016
Optimization of Impact Strength in Dissimilar Materials by using Friction Welding Process C Shanjeevi, S Satish Kumar, TJ Jobin Applied Mechanics and Materials 766, 890-895		2015
<u>Determination of Optimum Parameter Levels for Quality Characteristics in Conventional Drilling of Thick Polymeric Composites</u> B Ramesh, A Elayaperumal, S Satishkumar Advanced Materials Research 1119, 601-606		2015
A Review on Signal Acquisition Methods for Tool Wear Monitoring in Turning Process D Rajeev, D Dinakaran, S Satishkumar, AWA Lenin Advanced Materials Research 984, 83-93		2014
Influence of Sensor Positioning in Tool Condition Monitoring of Drilling Process through Vibration Analysis RS Nakandhrakumar, D Dinakaran, S Satishkumar, M Gopal Advanced Materials Research 984, 564-569		2014