

Sivasakthivel P. S.

List of Publications by Year in descending order

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14
papers

211
citations

1307594

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all docs

15
docs citations

15
times ranked

207
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of machining parameters on temperature rise in end milling of Al 6063 using response surface methodology and genetic algorithm. International Journal of Advanced Manufacturing Technology, 2013, 67, 2313-2323.	3.0	53
2	Prediction of vibration amplitude from machining parameters by response surface methodology in end milling. International Journal of Advanced Manufacturing Technology, 2011, 53, 453-461.	3.0	36
3	Prediction and optimization of depth of penetration for stainless steel gas tungsten arc welded plates using artificial neural networks and simulated annealing algorithm. Neural Computing and Applications, 2013, 22, 637-649.	5.6	26
4	Modeling of geometrical and machining parameters on temperature rise while machining Al 6351 using response surface methodology and genetic algorithm. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 487-496.	1.6	25
5	Modeling and analysis of ferrite number of stainless steel gas tungsten arc welded plates using response surface methodology. International Journal of Advanced Manufacturing Technology, 2013, 64, 1487-1504.	3.0	16
6	Optimization of machining parameters to minimize vibration amplitude while machining Al 6063 using gray-based Taguchi method. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2013, 227, 1788-1799.	2.4	16
7	The Effect of Welding Process Parameters on Pitting Corrosion and Microstructure of Chromium-manganese Stainless Steel Gas Tungsten Arc Welded Plates. Procedia Engineering, 2014, 97, 790-799.	1.2	9
8	Modelling and optimisation of welding parameters for multiple objectives in pre-heated gas metal arc welding process using nature instigated algorithms. Australian Journal of Mechanical Engineering, 2020, 18, S76-S87.	2.1	9
9	Optimization and sensitivity analysis of geometrical and process parameters to reduce vibration during end milling process. Machining Science and Technology, 2017, 21, 452-473.	2.5	7
10	Optimisation of milling parameters with multi-performance characteristic on Al/SiC metal matrix composite using grey-fuzzy logic algorithm. Multidiscipline Modeling in Materials and Structures, 2018, 14, 284-305.	1.3	7
11	Prediction of ferrite number in stainless steel gas tungsten arc welded plates using artificial neural networks. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2014, 18, 211-227.	1.0	2
12	Experimental Investigations and Effect Studies on Electrodeposited Nickel-Slag Powder Composite Coatings. Indian Journal of Science and Technology, 2015, 8, .	0.7	2
13	Image processing algorithm for droplet measurement after impingement. , 2016, , .		2
14	Optimization of Electrodeposited Ni-Cr Composite Coatings by using Taguchi Design and Grey Relational Method. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, , 095440892210839.	2.5	0