

Ushasta Aich

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

209
citations

1478505

6
h-index

1720034

7
g-index

11
all docs

11
docs citations

11
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of EDM responses by support vector machine regression with parameters selected by particle swarm optimization. Applied Mathematical Modelling, 2014, 38, 2800-2818.	4.2	90
2	Abrasive Water Jet Cutting of Borosilicate Glass. , 2014, 6, 775-785.		43
3	Application of teaching learning based optimization procedure for the development of SVM learned EDM process and its pseudo Pareto optimization. Applied Soft Computing Journal, 2016, 39, 64-83.	7.2	18
4	Characterizing topography of EDM generated surface by time series and autocorrelation function. Tribology International, 2017, 111, 73-90.	5.9	17
5	Investigation for the presence of chaos in surface topography generated by EDM. Tribology International, 2018, 120, 411-433.	5.9	13
6	Modeling of delamination in drilling of glass fiber-reinforced polyester composite by support vector machine tuned by particle swarm optimization. International Journal of Plastics Technology, 2019, 23, 77-91.	3.1	11
7	Multi-objective optimisation of abrasive water jet machining responses by simulated annealing and particle swarm. International Journal of Mechatronics and Manufacturing Systems, 2014, 7, 38.	0.1	10
8	A Simple Procedure for Searching Pareto Optimal Front in Machining Process: Electric Discharge Machining. Modelling and Simulation in Engineering, 2014, 2014, 1-12.	0.7	5
9	Searching for a Pareto Optimal Solution Set of EDM Responses Applying Multi-Objective Simulated Annealing on RSM Model. Advanced Materials Research, 0, 622-623, 51-55.	0.3	1
10	Evaluation for Chaos in EDM Generated Surface Topography. Key Engineering Materials, 0, 765, 227-231.	0.4	1
11	Support vector machine-based unified learning system for prediction of multiple responses in AWJM of borosilicate glass and SEM study. International Journal of Mechatronics and Manufacturing Systems, 2016, 9, 56.	0.1	0