

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

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11
all docs

11
docs citations

11
times ranked

235
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | Investigation for the presence of chaos in surface topography generated by EDM. Tribology International, 2018, 120, 411-433. | 5.9 | 13 |
| 3 | Characterizing topography of EDM generated surface by time series and autocorrelation function. Tribology International, 2017, 111, 73-90. | 5.9 | 17 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Abrasive Water Jet Cutting of Borosilicate Glass. , 2014, 6, 775-785. | | 43 |
| 10 | 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 |
| 11 | Evaluation for Chaos in EDM Generated Surface Topography. Key Engineering Materials, 0, 765, 227-231. | 0.4 | 1 |