Himadri Majumder

List of Publications by Year
in descending order

		840776	888059
22 papers	540 citations	11 h-index	17 g-index
23 all docs	23 docs citations	23 times ranked	389 citing authors

#	Article	IF	Citations
1	Multi-attribute optimisation of submerged arc welding process parameters using Taguchi GRA-PCA hybrid approach. Australian Journal of Mechanical Engineering, 2022, 20, 1207-1212.	2.1	8
2	MACHINABILITY ASSESSMENT OF SHAPE MEMORY ALLOY NITINOL DURING WEDM OPERATION: APPLICATION POTENTIAL OF TAGUCHI BASED AHPâ€"DFA TECHNIQUE. Surface Review and Letters, 2022, 29, .	1.1	5
3	EFFECT OF INPUT PARAMETERS ON THE KEY MACHINABILITY ASPECTS OF NITINOL DURING WEDM. Surface Review and Letters, 2022, 29, .	1.1	1
4	Application of MOORA to Optimize WEDM Process Parameters: A Multi-criteria Decision Making Approach. , 2020, , 73-78.		4
5	Application of Desirability to Find Out Ideal Input Parameter Setting in WEDM Operation. , 2020, , 223-228.		0
6	Performance analysis in WEDM of titanium grade 6 through process capability index. World Journal of Engineering, 2020, 17, 144-151.	1.6	10
7	EFFECT OF ELECTRODE MATERIAL ON CUT QUALITIES OF SHAPE MEMORY ALLOY DURING WEDM: A COMPARATIVE STUDY. Surface Review and Letters, 2020, 27, 1950136.	1.1	5
8	Applicability of DLC and WC/C low friction coatings on Al2O3/TiCN mixed ceramic cutting tools for dry machining of hardened 52100 steel. Ceramics International, 2020, 46, 11889-11897.	4.8	39
9	Experimental Investigation of the PMEDM of Nickel Free Austenitic Stainless Steel: A Promising Coronary Stent Material. Silicon, 2019, 11, 899-907.	3.3	16
10	Multi-objective optimization of some correlated process parameters in EDM of Inconel 800 using a hybrid approach. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	28
11	Predictive Analysis on Responses in WEDM of Titanium Grade 6 Using General Regression Neural Network (GRNN) and Multiple Regression Analysis (MRA). Silicon, 2018, 10, 1763-1776.	3.3	36
12	Prediction and optimization of surface roughness and micro-hardness using grnn and MOORA-fuzzy-a MCDM approach for nitinol in WEDM. Measurement: Journal of the International Measurement Confederation, 2018, 118, 1-13.	5.0	98
13	Performance analysis and optimization in turning of ASTM A36 through process capability index. Journal of King Saud University, Engineering Sciences, 2018, 30, 377-383.	2.0	9
14	Application of MCDM based hybrid optimization tool during turning of ASTM A588. Decision Science Letters, 2018, , 143-156.	1.2	32
15	Application of GRNN and multivariate hybrid approach to predict and optimize WEDM responses for Ni-Ti shape memory alloy. Applied Soft Computing Journal, 2018, 70, 665-679.	7.2	66
16	Multi-Response Optimization of WEDM Process Parameters Using Taguchi Based Desirability Function Analysis. IOP Conference Series: Materials Science and Engineering, 2018, 338, 012004.	0.6	11
17	NSGA-II Approach for Multi- Objective Optimization of Wire Electrical Discharge Machining Process Parameter on Inconel 718. Materials Today: Proceedings, 2017, 4, 2194-2202.	1.8	26
18	Use of PCA-grey analysis and RSM to model cutting time and surface finish of Inconel 800 during wire electro discharge cutting. Measurement: Journal of the International Measurement Confederation, 2017, 107, 19-30.	5.0	61

#	Article	IF	Citations
19	Optimization of Machining Condition in WEDM for Titanium Grade 6 Using MOORA Coupled with PCA â€" A Multivariate Hybrid Approach. Journal of Advanced Manufacturing Systems, 2017, 16, 81-99.	1.0	54
20	Multi Criteria Selection of Optimal Machining Parameter in Turning Operation Using Comprehensive Grey Complex Proportional Assessment Method for ASTM A36. International Journal of Engineering Research in Africa, 0, 23, 24-32.	0.7	27
21	Opportunities in Optimizing Car Door Weight. Engineering Science & Technology, 0, , 36-43.	0.3	1
22	Investigation of Investment Casting Pattern Using Fused Deposition Modeling. Engineering Science & Technology, 0, , 201-207.	0.3	3