

Himadri Majumder

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4817820/publications.pdf>

Version: 2024-02-01

22
papers

540
citations

840776

11
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction and optimization of surface roughness and micro-hardness using grnn and MOORA-fuzzy-MCDM approach for nitinol in WEDM. Measurement: Journal of the International Measurement Confederation, 2018, 118, 1-13.	5.0	98
2	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
3	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
4	Optimization of Machining Condition in WEDM for Titanium Grade 6 Using MOORA Coupled with PCA " A Multivariate Hybrid Approach. Journal of Advanced Manufacturing Systems, 2017, 16, 81-99.	1.0	54
5	Applicability of DLC and WC/C low friction coatings on Al ₂ O ₃ /TiCN mixed ceramic cutting tools for dry machining of hardened 52100 steel. Ceramics International, 2020, 46, 11889-11897.	4.8	39
6	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
7	Application of MCDM based hybrid optimization tool during turning of ASTM A588. Decision Science Letters, 2018, , 143-156.	1.2	32
8	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
9	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
10	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
11	Experimental Investigation of the PMEDM of Nickel Free Austenitic Stainless Steel: A Promising Coronary Stent Material. Silicon, 2019, 11, 899-907.	3.3	16
12	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
13	Performance analysis in WEDM of titanium grade 6 through process capability index. World Journal of Engineering, 2020, 17, 144-151.	1.6	10
14	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
15	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
16	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
17	MACHINABILITY ASSESSMENT OF SHAPE MEMORY ALLOY NITINOL DURING WEDM OPERATION: APPLICATION POTENTIAL OF TAGUCHI BASED AHP" DFA TECHNIQUE. Surface Review and Letters, 2022, 29, .	1.1	5
18	Application of MOORA to Optimize WEDM Process Parameters: A Multi-criteria Decision Making Approach. , 2020, , 73-78.		4

#	ARTICLE	IF	CITATIONS
19	Investigation of Investment Casting Pattern Using Fused Deposition Modeling. Engineering Science & Technology, 0, , 201-207.	0.3	3
20	Opportunities in Optimizing Car Door Weight. Engineering Science & Technology, 0, , 36-43.	0.3	1
21	EFFECT OF INPUT PARAMETERS ON THE KEY MACHINABILITY ASPECTS OF NITINOL DURING WEDM. Surface Review and Letters, 2022, 29, .	1.1	1
22	Application of Desirability to Find Out Ideal Input Parameter Setting in WEDM Operation. , 2020, , 223-228.		0