

Shailesh Kumar Dewangan

List of Publications by Year in descending order

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19
papers

391
citations

1307594

7
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of surface integrity and dimensional accuracy in EDM using Fuzzy TOPSIS and sensitivity analysis. Measurement: Journal of the International Measurement Confederation, 2015, 63, 364-376.	5.0	97
2	Multi-objective Optimization of Machining Parameters During Dry Turning of AISI 304 Austenitic Stainless Steel Using Grey Relational Analysis. , 2014, 6, 701-708.		65
3	Multi-response optimization of surface integrity characteristics of EDM process using grey-fuzzy logic-based hybrid approach. Engineering Science and Technology, an International Journal, 2015, 18, 361-368.	3.2	57
4	Influence of Different Tool Electrode Materials on EDMed Surface Integrity of AISI P20 Tool Steel. Materials and Manufacturing Processes, 2014, 29, 1387-1394.	4.7	47
5	Modeling and optimization of ultrasonic metal welding on dissimilar sheets using fuzzy based genetic algorithm approach. Engineering Science and Technology, an International Journal, 2015, 18, 634-647.	3.2	31
6	Optimisation of machining parameters using grey relation analysis for EDM with impulse flushing. International Journal of Mechatronics and Manufacturing Systems, 2013, 6, 144.	0.1	30
7	Optimization of the Surface Integrity Characteristics of EDM Process Using PCA based Grey Relation Investigation. , 2014, 6, 1091-1096.		12
8	Optimization of Micro-EDM drilling parameters of Ti-6Al-4V alloy. Materials Today: Proceedings, 2020, 33, 5481-5485.	1.8	12
9	Analysis of surface integrity and dimensional accuracy in EDM of P91 steels. Materials Today: Proceedings, 2020, 33, 5378-5383.	1.8	11
10	Microstructural investigation and multi response optimisation using Fuzzy-TOPSIS during the electrochemical machining of Inconel 825. International Journal of Precision Technology, 2015, 5, 201.	0.2	7
11	Materials for energy harvesting with a nonlinear energy sink: A literature review. Materials Today: Proceedings, 2020, 33, 5632-5637.	1.8	5
12	Optimization of Quality and Productivity of Wire EDM by Using L9 Orthogonal Array. Lecture Notes in Mechanical Engineering, 2019, , 93-100.	0.4	3
13	Tribo-performance of Thixoformed A356-5TiB2 in-situ Composites. IOP Conference Series: Materials Science and Engineering, 2019, 653, 012045.	0.6	3
14	Prediction of formability of MIG and TIG welded joints by Erichsen cupping test and fuzzy-logic technique. International Journal of Materials Engineering Innovation, 2021, 12, 246.	0.5	3
15	A Case Study on Quality and Productivity Optimization in Electric Discharge Machining (EDM). Advanced Materials Research, 0, 445, 27-32.	0.3	2
16	Analysis of Discharge Characteristics During EDM Process. Lecture Notes in Mechanical Engineering, 2020, , 521-527.	0.4	2
17	Optimization of EDM Process Parameters of Thixoformed A356-5TiB ₂ In Situ Composites. Materials Science Forum, 2020, 978, 271-276.	0.3	1
18	Optimization of the surface quality in milling machine using PVC composite plate. AIP Conference Proceedings, 2020, , .	0.4	1

#	ARTICLE	IF	CITATIONS
19	Optimization of dry sliding wear parameters of thixoformed A356-5TiB2 in-situ composites using RSM. Materials Today: Proceedings, 2020, 33, 5061-5065.	1.8	1