

Ramesh Raju

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

550
citations

840776

11
h-index

752698

20
g-index

28
all docs

28
docs citations

28
times ranked

279
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructural and mechanical characterization of Ti6Al4V refurbished parts obtained by laser metal deposition. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 643, 64-71.	5.6	78
2	Influence of wire-EDM textured conventional tungsten carbide inserts in machining of aerospace materials (Ti-6Al-4V alloy). <i>Materials and Manufacturing Processes</i> , 2019, 34, 103-111.	4.7	77
3	Machining performance and tool wear analysis on cryogenic treated insert during end milling of Ti-6Al-4V alloy. <i>Journal of Manufacturing Processes</i> , 2018, 36, 188-196.	5.9	56
4	Experimental and Taguchi-Based Grey Approach of Laser Metal Deposition Technique on Nickel-Based Superalloy. <i>Transactions of the Indian Institute of Metals</i> , 2019, 72, 205-214.	1.5	32
5	Optimization of process parameters in Electrical Discharge Machining of Haste Alloy C276 using Taguchi's method. <i>Materials Today: Proceedings</i> , 2018, 5, 14432-14439.	1.8	31
6	Multi objective optimization of wire electrical discharge machining on Inconel 718 using Taguchi grey relational analysis. <i>Materials Today: Proceedings</i> , 2021, 39, 230-235.	1.8	31
7	Numerical simulation and experimental investigation on laser beam welding of Inconel 625. <i>Materials Today: Proceedings</i> , 2021, 39, 268-273.	1.8	22
8	Degradation mechanism for high-temperature sliding wear in surface-modified In718 superalloy. <i>Cogent Engineering</i> , 2018, 5, 1501864.	2.2	21
9	Generative modelling of laser beam welded Inconel 718 thin weldments using ANFIS based hybrid algorithm. <i>International Journal on Interactive Design and Manufacturing</i> , 0, , .	2.2	21
10	Investigations on Wire Electrical Discharge Machining of Titanium Alloys by Taguchi's Grey Approach. <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 359-368.	0.4	20
11	A Review of Challenges and Opportunities in Additive Manufacturing. <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 23-29.	0.4	19
12	Investigation on Ti6Al4V laser metal deposition using Taguchi based grey approach. <i>Materials Today: Proceedings</i> , 2018, 5, 14375-14383.	1.8	18
13	Optimisation of spark erosion machining process parameters using hybrid grey relational analysis and artificial neural network model. <i>International Journal of Machining and Machinability of Materials</i> , 2020, 22, 1.	0.1	16
14	Investigations on Wire Electrical Discharge Machining of Nickel-Based Superalloy Using Taguchi's Approach. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 267-274.	0.4	14
15	Prediction of Performance Measures Using Multiple Regression Analysis for Wire Electrical Discharge Machining of Titanium Alloy. <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 601-612.	0.4	13
16	Optimization and performance evaluation of PLA polymer material in situ carbon particles on structural properties. <i>Materials Today: Proceedings</i> , 2021, 39, 223-229.	1.8	11
17	Additive Manufacturing of Thermosetting Resins In-Situ Carbon Fibers: A Review. <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 97-105.	0.4	11
18	Effect of Textured Tools on Machining of Ti-6Al-4V Alloy under Lubricant Condition. <i>Materials Today: Proceedings</i> , 2018, 5, 14230-14236.	1.8	10

#	ARTICLE	IF	CITATIONS
19	Performance of Textured Tool with MQL in Machining of Precipitation Hardened Stainless Steel. Lecture Notes in Mechanical Engineering, 2022, , 39-50.	0.4	5
20	Prediction of Performance Measures in Wire Electrical Discharge Machining of Aluminum-Fly Ash Composites Using Regression Analysis. Lecture Notes in Mechanical Engineering, 2021, , 387-396.	0.4	2
21	Investigations on Wire Spark Erosion Machining of AA 6061 Alloy Using Taguchi's Approach. Lecture Notes in Mechanical Engineering, 2021, , 577-585.	0.4	0