

# Ramesh Raju

## List of Publications by Year in descending order

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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	Investigations on Wire Electrical Discharge Machining of Titanium Alloys by Taguchi's Grey Approach. Lecture Notes in Mechanical Engineering, 2022, , 359-368.	0.4	20
2	Additive Manufacturing of Thermosetting Resins In-Situ Carbon Fibers: A Review. Lecture Notes in Mechanical Engineering, 2022, , 97-105.	0.4	11
3	A Review of Challenges and Opportunities in Additive Manufacturing. Lecture Notes in Mechanical Engineering, 2022, , 23-29.	0.4	19
4	Performance of Textured Tool with MQL in Machining of Precipitation Hardened Stainless Steel. Lecture Notes in Mechanical Engineering, 2022, , 39-50.	0.4	5
5	Prediction of Performance Measures Using Multiple Regression Analysis for Wire Electrical Discharge Machining of Titanium Alloy. Lecture Notes in Mechanical Engineering, 2022, , 601-612.	0.4	13
6	Numerical simulation and experimental investigation on laser beam welding of Inconel 625. Materials Today: Proceedings, 2021, 39, 268-273.	1.8	22
7	Multi objective optimization of wire electrical discharge machining on Inconel 718 using Taguchi grey relational analysis. Materials Today: Proceedings, 2021, 39, 230-235.	1.8	31
8	Optimization and performance evaluation of PLA polymer material in situ carbon particles on structural properties. Materials Today: Proceedings, 2021, 39, 223-229.	1.8	11
9	Investigations on Wire Electrical Discharge Machining of Nickel-Based Superalloy Using Taguchi's Approach. Lecture Notes in Mechanical Engineering, 2021, , 267-274.	0.4	14
10	Prediction of Performance Measures in Wire Electrical Discharge Machining of Aluminum's Fly Ash Composites Using Regression Analysis. Lecture Notes in Mechanical Engineering, 2021, , 387-396.	0.4	2
11	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
12	Optimisation of spark erosion machining process parameters using hybrid grey relational analysis and artificial neural network model. International Journal of Machining and Machinability of Materials, 2020, 22, 1.	0.1	16
13	Experimental and Taguchi-Based Grey Approach of Laser Metal Deposition Technique on Nickel-Based Superalloy. Transactions of the Indian Institute of Metals, 2019, 72, 205-214.	1.5	32
14	Influence of wire-EDM textured conventional tungsten carbide inserts in machining of aerospace materials (Ti-6Al-4V alloy). Materials and Manufacturing Processes, 2019, 34, 103-111.	4.7	77
15	Degradation mechanism for high-temperature sliding wear in surface-modified In718 superalloy. Cogent Engineering, 2018, 5, 1501864.	2.2	21
16	Investigation on Ti6Al4V laser metal deposition using Taguchi based grey approach. Materials Today: Proceedings, 2018, 5, 14375-14383.	1.8	18
17	Effect of Textured Tools on Machining of Ti-6Al-4V Alloy under Lubricant Condition. Materials Today: Proceedings, 2018, 5, 14230-14236.	1.8	10
18	Optimization of process parameters in Electrical Discharge Machining of Haste Alloy C276 using Taguchi's method. Materials Today: Proceedings, 2018, 5, 14432-14439.	1.8	31

#	ARTICLE	IF	CITATIONS
19	Machining performance and tool wear analysis on cryogenic treated insert during end milling of Ti-6Al-4V alloy. Journal of Manufacturing Processes, 2018, 36, 188-196.	5.9	56
20	Microstructural and mechanical characterization of Ti6Al4V refurbished parts obtained by laser metal deposition. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 643, 64-71.	5.6	78
21	Generative modelling of laser beam welded Inconel 718 thin weldments using ANFIS based hybrid algorithm. International Journal on Interactive Design and Manufacturing, 0, , .	2.2	21