

Prateek Kala

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

360
citations

1040056

9
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

200
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of finishing characteristics of two paramagnetic materials using double disc magnetic abrasive finishing. <i>Journal of Manufacturing Processes</i> , 2015, 17, 63-77.	5.9	72
2	Experimental investigations into internal magnetic abrasive finishing of pipes. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 88, 1657-1668.	3.0	54
3	Chemo Assisted Magnetic Abrasive Finishing: Experimental Investigations. <i>Procedia CIRP</i> , 2015, 26, 539-543.	1.9	45
4	Polishing of Copper Alloy Using Double Disk Ultrasonic Assisted Magnetic Abrasive Polishing. <i>Materials and Manufacturing Processes</i> , 2013, 28, 200-206.	4.7	36
5	Analysis of Surface Finish Improvement during Ultrasonic Assisted Magnetic Abrasive Finishing on Chemically treated Tungsten Substrate. <i>Procedia Manufacturing</i> , 2017, 10, 136-146.	1.9	31
6	Understanding flexible abrasive brush behavior for double disk magnetic abrasive finishing based on force signature. <i>Journal of Manufacturing Processes</i> , 2017, 28, 442-448.	5.9	24
7	Experimental Study on Finishing Forces in Double Disk Magnetic Abrasive Finishing Process While Finishing Paramagnetic Workpiece. , 2014, 5, 1677-1684.		22
8	Thin-walled metal deposition with GTAW welding-based additive manufacturing process. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	21
9	Investigations of process parameters during dissolution studies of drug loaded 3D printed tablets. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2021, 235, 523-529.	1.8	16
10	Experimental investigations of chemo-ultrasonic assisted magnetic abrasive finishing process. <i>International Journal of Precision Technology</i> , 2015, 5, 246.	0.2	12
11	Thermal analysis of TIG-WAAM based metal deposition process using finite element method. <i>Materials Today: Proceedings</i> , 2021, 44, 453-459.	1.8	10
12	Experimental investigations into ultrasonic-assisted double-disk magnetic abrasive finishing of two paramagnetic materials. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2017, 231, 1021-1038.	2.4	8
13	Effect of deposition orientations on dimensional and mechanical properties of the thin-walled structure fabricated by tungsten inert gas (TIG) welding-based additive manufacturing process. <i>Journal of Mechanical Science and Technology</i> , 2020, 34, 701-709.	1.5	5
14	Bibliometric Analysis-Based Review of Fused Deposition Modeling 3D Printing Method (1994â€“2020). <i>3D Printing and Additive Manufacturing</i> , 2024, 11, 383-405.	2.9	4
15	Effect of Arc Polarity on the Quality of Deposition in GTAW Welding-Based Additive Manufacturing Process: A Preliminary Study. <i>Journal of Advanced Manufacturing Systems</i> , 0, , 1-13.	1.0	0
16	An Investigation into Dimensional and Mechanical Properties of Multilayered Metallic Structure Deposited Using TIG Based WAAM Process. <i>Transactions of the Indian Institute of Metals</i> , 0, , 1.	1.5	0