

Narendra Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

299
citations

1163117

8
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of process parameters on tensile behavior of 3D printed flexible parts of ethylene vinyl acetate (EVA). Journal of Manufacturing Processes, 2018, 35, 317-326.	5.9	75
2	Extrusion-based additive manufacturing process for producing flexible parts. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	48
3	Additive manufacturing of flexible electrically conductive polymer composites via CNC-assisted fused layer modeling process. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	41
4	Effect of fractal curve based toolpath on part strength in fused deposition modelling. International Journal of Rapid Manufacturing, 2015, 5, 186.	0.5	29
5	Investigation on the effects of process parameters in CNC assisted pellet based fused layer modeling process. Journal of Manufacturing Processes, 2018, 35, 428-436.	5.9	26
6	Experimental investigations on suitability of polypropylene (PP) and ethylene vinyl acetate (EVA) in additive manufacturing. Materials Today: Proceedings, 2018, 5, 4118-4127.	1.8	19
7	Hilbert Curve Based Toolpath for FDM Process. Lecture Notes in Mechanical Engineering, 2016, , 751-759.	0.4	16
8	Investigations on the melt flow behaviour of aluminium filled ABS polymer composite for the extrusion-based additive manufacturing process. International Journal of Materials and Product Technology, 2019, 59, 194.	0.2	12
9	Analysing the influence of raster angle, layer thickness and infill rate on the compressive behaviour of EVA through CNC-assisted fused layer modelling process. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 1731-1740.	2.1	7
10	Toolpath Generation for Additive Manufacturing Using CNC Milling Machine. , 2019, , 73-82.		5
11	Shrinkage Compensation Study for Performing Machining on Additive Manufactured Parts. Materials Today: Proceedings, 2018, 5, 18544-18551.	1.8	4
12	Investigations on the Development of Heated Build Platform for Additive Manufacturing of Large-Size Parts. Lecture Notes on Multidisciplinary Industrial Engineering, 2020, , 1-17.	0.6	4
13	Fabrication of personalized lithophane via additive manufacturing. Sustainable Operations and Computers, 2022, 3, 17-21.	13.1	3
14	Plastic pellets. , 2022, , 307-323.		3
15	On the Surface Finish Improvement in Hybrid Additive Subtractive Manufacturing Process. Lecture Notes in Mechanical Engineering, 2019, , 443-449.	0.4	2
16	An Image-Based Approach of Generating Automatic Toolpath for Profile Milling. Lecture Notes in Mechanical Engineering, 2019, , 415-422.	0.4	1
17	A Novel Approach of Generating Toolpath for Performing Additive Manufacturing on CNC Machining Center. Lecture Notes on Multidisciplinary Industrial Engineering, 2021, , 151-167.	0.6	1
18	On the Numerical Investigation of Material Deposition in Fused Filament Fabrication. Lecture Notes on Multidisciplinary Industrial Engineering, 2020, , 19-36.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Toolpath optimisation for drilling process using shortest distance permutation algorithms. Advances in Materials and Processing Technologies, 0, , 1-13.	1.4	0
20	Analysing the compressive behaviour of different PLA scaffolds fabricated through FFF process. Advances in Materials and Processing Technologies, 2023, 9, 402-415.	1.4	0