

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

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g-index

22
all docs

22
docs citations

22
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysing the compressive behaviour of different PLA scaffolds fabricated through FFF process. <i>Advances in Materials and Processing Technologies</i> , 2023, 9, 402-415.	1.4	0
2	Fabrication of personalized lithophane via additive manufacturing. <i>Sustainable Operations and Computers</i> , 2022, 3, 17-21.	13.1	3
3	Plastic pellets. , 2022, , 307-323.		3
4	Analysing the influence of raster angle, layer thickness and infill rate on the compressive behaviour of EVA through CNC-assisted fused layer modelling process. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021, 235, 1731-1740.	2.1	7
5	A Novel Approach of Generating Toolpath for Performing Additive Manufacturing on CNC Machining Center. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2021, , 151-167.	0.6	1
6	Investigations on the Development of Heated Build Platform for Additive Manufacturing of Large-Size Parts. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2020, , 1-17.	0.6	4
7	On the Numerical Investigation of Material Deposition in Fused Filament Fabrication. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2020, , 19-36.	0.6	0
8	Toolpath Generation for Additive Manufacturing Using CNC Milling Machine. , 2019, , 73-82.		5
9	An Image-Based Approach of Generating Automatic Toolpath for Profile Milling. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 415-422.	0.4	1
10	Investigations on the melt flow behaviour of aluminium filled ABS polymer composite for the extrusion-based additive manufacturing process. <i>International Journal of Materials and Product Technology</i> , 2019, 59, 194.	0.2	12
11	On the Surface Finish Improvement in Hybrid Additive Subtractive Manufacturing Process. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 443-449.	0.4	2
12	Extrusion-based additive manufacturing process for producing flexible parts. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018, 40, 1.	1.6	48
13	Experimental investigations on suitability of polypropylene (PP) and ethylene vinyl acetate (EVA) in additive manufacturing. <i>Materials Today: Proceedings</i> , 2018, 5, 4118-4127.	1.8	19
14	Additive manufacturing of flexible electrically conductive polymer composites via CNC-assisted fused layer modeling process. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018, 40, 1.	1.6	41
15	Shrinkage Compensation Study for Performing Machining on Additive Manufactured Parts. <i>Materials Today: Proceedings</i> , 2018, 5, 18544-18551.	1.8	4
16	Investigation on the effects of process parameters in CNC assisted pellet based fused layer modeling process. <i>Journal of Manufacturing Processes</i> , 2018, 35, 428-436.	5.9	26
17	The effect of process parameters on tensile behavior of 3D printed flexible parts of ethylene vinyl acetate (EVA). <i>Journal of Manufacturing Processes</i> , 2018, 35, 317-326.	5.9	75
18	Hilbert Curve Based Toolpath for FDM Process. <i>Lecture Notes in Mechanical Engineering</i> , 2016, , 751-759.	0.4	16

#	ARTICLE	IF	CITATIONS
19	Effect of fractal curve based toolpath on part strength in fused deposition modelling. International Journal of Rapid Manufacturing, 2015, 5, 186.	0.5	29
20	Toolpath optimisation for drilling process using shortest distance permutation algorithms. Advances in Materials and Processing Technologies, 0, , 1-13.	1.4	0