

Muhammad Harris

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

294
citations

1162367

8
h-index

1125271

13
g-index

15
all docs

15
docs citations

15
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Material and Process Specific Factors on the Strength of Printed Parts in Fused Filament Fabrication: A Review of Recent Developments. <i>Materials</i> , 2019, 12, 1664.	1.3	117
2	In-process thermal treatment of polylactic acid in fused deposition modelling. <i>Materials and Manufacturing Processes</i> , 2019, 34, 701-713.	2.7	31
3	Acrylonitrile Butadiene Styrene and Polypropylene Blend with Enhanced Thermal and Mechanical Properties for Fused Filament Fabrication. <i>Materials</i> , 2019, 12, 4167.	1.3	29
4	Preparation and characterization of thermally stable ABS/HDPE blend for fused filament fabrication. <i>Materials and Manufacturing Processes</i> , 2020, 35, 230-240.	2.7	25
5	EDM of Ti6Al4V under nano-graphene mixed dielectric: a detailed roughness analysis. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 120, 7375-7388.	1.5	22
6	Polylactic acid and high-density polyethylene blend: Characterization and application in additive manufacturing. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49602.	1.3	18
7	EDM of Ti-6Al-4V under Nano-Graphene Mixed Dielectric: A Detailed Investigation on Axial and Radial Dimensional Overcuts. <i>Nanomaterials</i> , 2022, 12, 432.	1.9	14
8	Partial Polymer Blend for Fused Filament Fabrication with High Thermal Stability. <i>Polymers</i> , 2021, 13, 3353.	2.0	11
9	Atmospheric pressure plasma jet assisted micro-milling of Inconel 718. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 4681-4687.	1.5	8
10	Developments for Collagen Hydrolysate in Biological, Biochemical, and Biomedical Domains: A Comprehensive Review. <i>Materials</i> , 2021, 14, 2806.	1.3	7
11	Partial Biodegradable Blend with High Stability against Biodegradation for Fused Deposition Modeling. <i>Polymers</i> , 2022, 14, 1541.	2.0	7
12	Effects of In-Process Temperatures and Blending Polymers on Acrylonitrile Butadiene Styrene Blends. <i>Inventions</i> , 2021, 6, 93.	1.3	3
13	Large scale 3D printing: Feasibility of novel extrusion based process and requisite materials. , 2017, , .		1
14	Partial Biodegradable Blend for Fused Filament Fabrication: In-Process Thermal and Post-Printing Moisture Resistance. <i>Polymers</i> , 2022, 14, 1527.	2.0	1
15	Evaluation of the effects of controlled ultrasonic acetone vaporisation on Fused Deposition Modelling 3D Printed Acrylonitrile Butadiene Styrene. , 2018, , .		0