Muhammad Harris

List of Publications by Year
in descending order

15	294	1162367 8	1125271 13
papers	citations	h-index	g-index

15	15	15	349
all docs	docs citations	times ranked	citing authors

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