

# Syed H Masood

## List of Publications by Year in descending order

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155  
papers

5,890  
citations

87886

38  
h-index

85537

71  
g-index

158  
all docs

158  
docs citations

158  
times ranked

5189  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid elimination of porosity and brittleness in cold spray additive manufactured grade 2 titanium via in situ electro-plastic treatment. International Journal of Advanced Manufacturing Technology, 2022, 119, 773-788.	3.0	2
2	Nickel-titanium shape memory alloys made by selective laser melting: a review on process optimisation. Advances in Manufacturing, 2022, 10, 24-58.	6.1	15
3	Silk fibroin microfiber reinforced polycaprolactone composites with enhanced biodegradation and biological characteristics. Journal of Biomedical Materials Research - Part A, 2022, , .	4.0	5
4	Dynamic and Quasistatic Properties of an Auxetic Structure: A Comparative Study. Advanced Engineering Materials, 2022, 24, .	3.5	11
5	Sensor-based filament fabrication with embedded RFID microchips for 3D printing. Materials Today: Proceedings, 2021, 46, 124-130.	1.8	3
6	Mechanical response of a compressed novel 3D tetrachiral structure processed by MJF 3D printing process. Materials Today: Proceedings, 2021, 46, 4776-4781.	1.8	4
7	Modeling, analysis, and optimization of dimensional accuracy of FDM-fabricated parts using definitive screening design and deep learning feedforward artificial neural network. Advances in Manufacturing, 2021, 9, 115-129.	6.1	42
8	Investigating the effects of post-heat treatment on residual stress in AlSi12 parts processed with Selective Laser Melting. IOP Conference Series: Materials Science and Engineering, 2021, 1067, 012117.	0.6	1
9	In situ electro-plastic treatment for thermomechanical processing of CP titanium. International Journal of Advanced Manufacturing Technology, 2021, 115, 2639-2657.	3.0	5
10	Compressive properties of 3D printed auxetic structures: experimental and numerical studies. Virtual and Physical Prototyping, 2020, 15, 1-21.	10.4	127
11	Mechanical Properties of SLM-Printed Aluminium Alloys: A Review. Materials, 2020, 13, 4301.	2.9	91
12	Advancements in Therapeutics via 3D Printed Multifunctional Architectures from Dispersed 2D Nanomaterial Inks. Small, 2020, 16, e2004900.	10.0	17
13	Out-of-plane and in-plane compression of additively manufactured auxetic structures. Aerospace Science and Technology, 2020, 106, 106107.	4.8	52
14	Dynamic performance of auxetic structures: experiments and simulation. Smart Materials and Structures, 2020, 29, 055031.	3.5	38
15	Compressive behaviour of Neovius Triply Periodic Minimal Surface cellular structure manufactured by fused deposition modelling. Virtual and Physical Prototyping, 2019, 14, 360-370.	10.4	38
16	Design and evaluation of 3D printed polymeric cellular materials for dynamic energy absorption. International Journal of Advanced Manufacturing Technology, 2019, 103, 2347-2361.	3.0	34
17	Compressive properties of a novel additively manufactured 3D auxetic structure. Smart Materials and Structures, 2019, 28, 085019.	3.5	39
18	High strain rate dynamic behaviour of AlSi12 alloy processed by selective laser melting. International Journal of Advanced Manufacturing Technology, 2018, 97, 1023-1035.	3.0	33

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19	Investigation of dimensional variation in parts manufactured by fused deposition modeling using Gauge Repeatability and Reproducibility. IOP Conference Series: Materials Science and Engineering, 2018, 310, 012090.	0.6	4
20	Mechanical performance of plymetal structures subjected to impact loading. International Journal of Protective Structures, 2018, 9, 65-76.	2.3	3
21	Cell geometry effect on in-plane energy absorption of periodic honeycomb structures. International Journal of Advanced Manufacturing Technology, 2018, 94, 2369-2380.	3.0	58
22	Mechanical Performance of Functionally Graded Lattice Structures Made with Selective Laser Melting 3D Printing. IOP Conference Series: Materials Science and Engineering, 2018, 433, 012078.	0.6	7
23	An investigation of in-plane tensile properties of re-entrant chiral auxetic structure. International Journal of Advanced Manufacturing Technology, 2018, 96, 2013-2029.	3.0	64
24	Experimental investigation on flexural properties of FDM processed Nylon 12 parts using RSM. IOP Conference Series: Materials Science and Engineering, 2018, 377, 012137.	0.6	8
25	Tensile properties of an auxetic structure with re-entrant and chiral featuresâ€”a finite element study. International Journal of Advanced Manufacturing Technology, 2018, 99, 2425-2440.	3.0	38
26	Effect of energy per layer on the anisotropy of selective laser melted AlSi12 aluminium alloy. Additive Manufacturing, 2018, 22, 426-439.	3.0	73
27	Analysis of wear behavior of additively manufactured PC-ABS parts. Materials Letters, 2018, 230, 261-265.	2.6	28
28	High strain rate behaviour at high temperature of AlSi12 parts produced by selective laser melting. IOP Conference Series: Materials Science and Engineering, 2018, 377, 012167.	0.6	3
29	Structural Analysis of Germanium (Ge)-Containing Ferrous Calcium Silicate Magnesite Slag for Applications of Black Copper Smelting. Minerals, Metals and Materials Series, 2018, , 295-304.	0.4	1
30	Experimental investigation of time-dependent mechanical properties of PC-ABS prototypes processed by FDM additive manufacturing process. Materials Letters, 2017, 193, 58-62.	2.6	72
31	In-plane energy absorption evaluation of 3D printed polymeric honeycombs. Virtual and Physical Prototyping, 2017, 12, 117-131.	10.4	73
32	Characterization and dynamic mechanical analysis of PC-ABS material processed by fused deposition modelling: An investigation through I-optimal response surface methodology. Measurement: Journal of the International Measurement Confederation, 2017, 107, 128-141.	5.0	40
33	A parametric investigation of the friction performance of PC-ABS parts processed by FDM additive manufacturing process. Polymers for Advanced Technologies, 2017, 28, 1911-1918.	3.2	20
34	Experimental investigation for dynamic stiffness and dimensional accuracy of FDM manufactured part using IV-Optimal response surface design. Rapid Prototyping Journal, 2017, 23, 736-749.	3.2	34
35	PIV Validation of 3D Multicomponent Model for Cold Spray Within Nitrogen and Helium Supersonic Flow Field. Journal of Thermal Spray Technology, 2017, 26, 941-957.	3.1	13
36	Mechanical properties of a novel plymetal manufactured by laser-assisted direct metal deposition. International Journal of Advanced Manufacturing Technology, 2017, 91, 1839-1849.	3.0	8

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37	Investigation on the Flexural Creep Stiffness Behavior of PC&“ABS Material Processed by Fused Deposition Modeling Using Response Surface Definitive Screening Design. Jom, 2017, 69, 498-505.	1.9	22
38	Influence of processing parameters on creep and recovery behavior of FDM manufactured part using definitive screening design and ANN. Rapid Prototyping Journal, 2017, 23, 998-1010.	3.2	44
39	Utilization of Titanium Particle Impact Location to Validate a 3D Multicomponent Model for Cold Spray Additive Manufacturing. Journal of Thermal Spray Technology, 2017, 26, 1874-1887.	3.1	8
40	Experimental investigation of creep deformation of part processed by fused deposition modeling using definitive screening design. Additive Manufacturing, 2017, 18, 164-170.	3.0	19
41	An investigation on impact resistance of FDM processed Nylon-12 parts using response surface methodology. AIP Conference Proceedings, 2017, , .	0.4	9
42	Investigation of the influence of FDM operating parameters on dynamic force response using IV-optimal design and principal component analysis. AIP Conference Proceedings, 2017, , .	0.4	0
43	Statistical analysis of porosity of 17-4PH alloy processed by selective laser melting. IOP Conference Series: Materials Science and Engineering, 2017, 220, 012001.	0.6	7
44	Investigation on the tribological behavior and wear mechanism of parts processed by fused deposition additive manufacturing process. Journal of Manufacturing Processes, 2017, 29, 149-159.	5.9	55
45	Effects of build parameters on linear wear loss in plastic part produced by fused deposition modeling. AIP Conference Proceedings, 2017, , .	0.4	0
46	Process parameter optimization of viscoelastic properties of FDM manufactured parts using response surface methodology. Materials Today: Proceedings, 2017, 4, 8250-8259.	1.8	12
47	Flexural Behaviour of titanium cellular structures produced by Electron Beam Melting. Materials Today: Proceedings, 2017, 4, 8260-8268.	1.8	7
48	Characterization of 17-4PH alloy processed by selective laser melting. Materials Today: Proceedings, 2017, 4, 8498-8506.	1.8	17
49	Effect of scan strategy on density and metallurgical properties of 17-4PH parts printed by Selective Laser Melting (SLM). Journal of Materials Processing Technology, 2017, 249, 502-511.	6.3	176
50	Thermodynamics of Palladium (Pd) and Tantalum (Ta) Relevant to Secondary Copper Smelting. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2017, 48, 317-327.	2.1	21
51	A comparative study of flexural properties of additively manufactured aluminium lattice structures. Materials Today: Proceedings, 2017, 4, 8597-8604.	1.8	25
52	Effect of process parameters on the surface characteristics of AlSi12 samples made via Selective Laser Melting. Materials Today: Proceedings, 2017, 4, 8724-8730.	1.8	14
53	Optimization of process parameters for solid and porous steel alloy structures produced by direct metal deposition. Materials Today: Proceedings, 2017, 4, 8918-8927.	1.8	2
54	Sub-Zero Temperature Effect on Impact Properties of 17-4PH Stainless Steel Processed by Selective Laser Melting. Solid State Phenomena, 2017, 266, 3-7.	0.3	0

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55	Mechanical Properties of the 2D Re-entrant Honeycomb Made via Direct Metal Printing. IOP Conference Series: Materials Science and Engineering, 2017, 229, 012038.	0.6	17
56	Analytical Modelling and Optimization of the Temperature-Dependent Dynamic Mechanical Properties of Fused Deposition Fabricated Parts Made of PC-ABS. Materials, 2016, 9, 895.	2.9	41
57	Mathematical modeling and FDM process parameters optimization using response surface methodology based on Q-optimal design. Applied Mathematical Modelling, 2016, 40, 10052-10073.	4.2	128
58	Experimental investigation of the influence of fabrication conditions on dynamic viscoelastic properties of PC-ABS processed parts by FDM process. IOP Conference Series: Materials Science and Engineering, 2016, 149, 012122.	0.6	7
59	Techno economic analysis of electronic waste processing through black copper smelting route. Journal of Cleaner Production, 2016, 126, 178-190.	9.3	84
60	Thermodynamics data of valuable elements relevant to e-waste processing through primary and secondary copper production: a review. Journal of Cleaner Production, 2016, 131, 795-809.	9.3	72
61	Effect of Process Parameters on Dynamic Mechanical Performance of FDM PC/ABS Printed Parts Through Design of Experiment. Journal of Materials Engineering and Performance, 2016, 25, 2922-2935.	2.5	107
62	Design and Development of Scaffolds for Tissue Engineering Using Three-Dimensional Printing for Bio-Based Applications. 3D Printing and Additive Manufacturing, 2016, 3, 119-127.	2.9	37
63	Effects of part build orientations on fatigue behaviour of FDM-processed PLA material. Progress in Additive Manufacturing, 2016, 1, 21-28.	4.8	220
64	Wear behaviour of DMD-generated high-strength steels using multi-factor experiment design on a pin-on-disc apparatus. International Journal of Advanced Manufacturing Technology, 2016, 87, 461-477.	3.0	8
65	Optimization of fused deposition modeling process parameters for dimensional accuracy using I-optimality criterion. Measurement: Journal of the International Measurement Confederation, 2016, 81, 174-196.	5.0	148
66	Experimental Investigations of Process Parameters Influence on Rheological Behavior and Dynamic Mechanical Properties of FDM Manufactured Parts. Materials and Manufacturing Processes, 2016, 31, 1983-1994.	4.7	51
67	Investigation of dynamic elastic deformation of parts processed by fused deposition modeling additive manufacturing. Advances in Production Engineering and Management, 2016, 11, 227-238.	1.2	22
68	3D CFD Multicomponent Model for Cold Spray Additive Manufacturing of Titanium Particles. Minerals, Metals and Materials Series, 2016, , 213-220.	0.4	0
69	More from Less, Generating Wealth from Lower Grade and Urban Metal/Ore Sources. Advanced Materials Research, 2015, 1112, 481-484.	0.3	1
70	Direct Metal Deposition of H13 Tool Steel on Copper Alloy Substrate: Parametric Investigation. Lasers in Manufacturing and Materials Processing, 2015, 2, 242-260.	2.2	17
71	Development of 3D Multicomponent Model for Cold Spray Process Using Nitrogen and Air. Coatings, 2015, 5, 688-708.	2.6	19
72	Optimization of fused deposition modeling process parameters: a review of current research and future prospects. Advances in Manufacturing, 2015, 3, 42-53.	6.1	965

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73	Dynamic compressive behaviour of Ti-6Al-4V alloy processed by electron beam melting under high strain rate loading. <i>Advances in Manufacturing</i> , 2015, 3, 232-243.	6.1	50
74	STUDY OF DYNAMIC MECHANICAL PROPERTIES OF FUSED DEPOSITION MODELLING PROCESSED ULTEM MATERIAL. <i>American Journal of Engineering and Applied Sciences</i> , 2014, 7, 307-315.	0.6	20
75	Metal Extraction Processes for Electronic Waste and Existing Industrial Routes: A Review and Australian Perspective. <i>Resources</i> , 2014, 3, 152-179.	3.5	360
76	Tensile strength of functionally graded and wafer layered structures produced by direct metal deposition. <i>Rapid Prototyping Journal</i> , 2014, 20, 360-368.	3.2	11
77	Mechanical behavior of a fluid-sensitive material during liquid diffusion. <i>Mechanics of Time-Dependent Materials</i> , 2014, 18, 387-406.	4.4	6
78	Development of Holistic Three-Dimensional Models for Cold Spray Supersonic Jet. <i>Journal of Thermal Spray Technology</i> , 2014, 23, 919-933.	3.1	21
79	Mechanical response of poly(lactic acid)-based packaging under liquid exposure. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	8
80	Creep behavior of PLA-based biodegradable plastic exposed to a hydrocarbon liquid. <i>Journal of Applied Polymer Science</i> , 2013, 127, 2654-2660.	2.6	12
81	Thermal expansion of functionally graded and wafer-layered structures produced by laser direct metal deposition. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 69, 2011-2018.	3.0	11
82	Tensile Properties of Processed 3D Printer ZP150 Powder Material. <i>Advanced Materials Research</i> , 2013, 699, 813-816.	0.3	14
83	Microstructure and mechanical properties of Ti-6Al-4V manufactured by electron beam melting process. <i>Materials Research Innovations</i> , 2013, 17, s106-s112.	2.3	45
84	An Investigation of Springback in U-Channel Sheet Metal by Finite Element Analysis. <i>Advanced Materials Research</i> , 2012, 548, 456-460.	0.3	1
85	Thermal-structural analysis of bi-metallic conformal cooling for injection moulds. <i>International Journal of Advanced Manufacturing Technology</i> , 2012, 62, 123-133.	3.0	46
86	Thermal fatigue behavior of direct metal deposited H13 tool steel coating on copper alloy substrate. <i>Surface and Coatings Technology</i> , 2012, 206, 2572-2580.	4.8	21
87	Bimetallic dies with direct metal-deposited steel on Moldmax for high-pressure die casting application. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 52, 855-863.	3.0	19
88	An experimental study of laser-assisted machining of hard-to-wear white cast iron. <i>International Journal of Machine Tools and Manufacture</i> , 2011, 51, 450-456.	13.4	58
89	Direct metal deposition (DMD) of H13 tool steel on copper alloy substrate: Evaluation of mechanical properties. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011, 528, 3342-3349.	5.6	72
90	Measurement of Residual Strain in Cold Spray Process Using X-Ray Diffraction and Finite Element Method. <i>Advanced Materials Research</i> , 2011, 214, 245-249.	0.3	1

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91	Optimisation of Die Radius Geometry in Sheet Metal Stamping. Advanced Materials Research, 2011, 337, 350-353.	0.3	6
92	A Study on Tool Wear of Sheet Metal Stamping Die Using Numerical Method. Materials Science Forum, 2010, 654-656, 346-349.	0.3	0
93	Rheological Properties of a Particulate-Filled Polymeric Composite through Fused Deposition Process. Materials Science Forum, 2010, 654-656, 2471-2474.	0.3	21
94	Thermal-Structural Finite Element Analysis of Injection Moulding Dies with Optimized Cooling Channels. Materials Science Forum, 2010, 654-656, 1646-1649.	0.3	5
95	Thermal Analysis of a Bi-Metallic Chill Vent for High Pressure Die Casting. Materials Science Forum, 2010, 654-656, 791-794.	0.3	1
96	Preheating of a poly(ethylene terephthalate) preform for stretch blow molding using microwaves. Journal of Applied Polymer Science, 2009, 112, 1670-1679.	2.6	4
97	An investigation on kerf characteristics in abrasive waterjet cutting of layered composites. Journal of Materials Processing Technology, 2009, 209, 3887-3893.	6.3	145
98	A study of blow moulding simulation and structural analysis for PET bottles. Australian Journal of Mechanical Engineering, 2009, 7, 69-76.	2.1	11
99	A novel approach of measuring the dielectric properties of PET preforms for stretch blow moulding. Journal of Applied Polymer Science, 2008, 109, 3196-3203.	2.6	6
100	Haemodynamic analysis of coronary artery bypass grafting in a non-linear deformable artery and Newtonian pulsatile blood flow. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2008, 222, 1273-1287.	1.8	18
101	The Effect of Arterial Wall Deformability on Hemodynamics of CABG. , 2008, , .		1
102	Design and fabrication of reconstructive mandibular models using fused deposition modeling. Assembly Automation, 2008, 28, 246-254.	1.7	27
103	Characterization of Micro-Features in Polymeric Drug Delivery Devices Using FDM. , 2007, , 463.		1
104	THERMAL AND MELT RHEOLOGICAL BEHAVIOUR OF COMPOSITES PRODUCED FROM WASTE PAPER AND PLASTIC. Journal of Polymer Engineering, 2007, 27, .	1.4	8
105	Thermal Analysis of Micro-Pipe Laden Substrate in Thermoelectric Micro-coolers. Electronics Manufacturing Technology Symposium (IEMT), IEEE/CPMT International, 2006, , .	0.0	0
106	An investigation of pallet design using alternative materials for cold room applications. International Journal of Advanced Manufacturing Technology, 2006, 29, 1-8.	3.0	15
107	Line balancing and simulation of an automated production transfer line. Assembly Automation, 2006, 26, 69-74.	1.7	41
108	Investigation of Expansion Characteristics of Coronary Slot Stents Using Finite Element Analysis. , 2006, , 735-742.		0



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109	An investigation into design and manufacturing of mechanical conveyors systems for food processing. International Journal of Advanced Manufacturing Technology, 2005, 25, 551-559.	3.0	4
110	The design and manufacturing of porous scaffolds for tissue engineering using rapid prototyping. International Journal of Advanced Manufacturing Technology, 2005, 27, 415-420.	3.0	42
111	Development of surface connectors for microfluidic systems. , 2004, , .		0
112	A generic algorithm for a best part orientation system for complex parts in rapid prototyping. Journal of Materials Processing Technology, 2003, 139, 110-116.	6.3	125
113	Numerical investigation of mixing in microchannels with patterned grooves. Journal of Micromechanics and Microengineering, 2003, 13, 801-808.	2.6	148
114	Passive mixing in microchannels by applying geometric variations. , 2003, 4982, 282.		11
115	437 Design and Manufacturing of Porous Scaffolds for Tissue Engineering Using Rapid Prototyping. Proceedings of International Conference on Leading Edge Manufacturing in 21st Century LEM21, 2003, 2003, 837-842.	0.0	0
116	Mixing of two fluids streams in a microchannel using the Taylor-Aris dispersion effect. , 2002, 4937, 158.		0
117	Optimizing layout of obstacles for enhanced mixing in microchannels. Smart Materials and Structures, 2002, 11, 662-667.	3.5	197
118	A Generic Part Orientation System Based on Volumetric Error in Rapid Prototyping. International Journal of Advanced Manufacturing Technology, 2002, 19, 209-216.	3.0	57
119	A Cost-Effective Thickness Measurement Technique for Engine Propellers. International Journal of Advanced Manufacturing Technology, 2002, 20, 180-189.	3.0	6
120	A rule based expert system for rapid prototyping system selection. Robotics and Computer-Integrated Manufacturing, 2002, 18, 267-274.	9.9	59
121	Modelling of a continuous food pressing process by dimensional analysis. Computers and Industrial Engineering, 2002, 42, 343-351.	6.3	9
122	A computerised minimum distance algorithm for machining of sculptured surfaces. Computers and Industrial Engineering, 2002, 42, 291-297.	6.3	2
123	Cost/time estimation in flat plate processing using fuzzy modeling. Computers and Industrial Engineering, 2002, 42, 555-566.	6.3	4
124	A volumetric approach to part-build orientations in rapid prototyping. Journal of Materials Processing Technology, 2001, 119, 348-353.	6.3	57
125	An Investigation of Wax Patterns for Accuracy Improvement in Investment Cast Parts. International Journal of Advanced Manufacturing Technology, 2001, 18, 348-356.	3.0	53
126	Multivalued Fuzzy Sets in Cost/Time Estimation of Flat Plate Processing. International Journal of Advanced Manufacturing Technology, 2001, 17, 751-759.	3.0	13



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127	Correlation of rheological and mechanical properties for blends of recycled HDPE and virgin polyolefins. Journal of Applied Polymer Science, 2001, 82, 3505-3512.	2.6	13
128	<title>Application of fused deposition modeling rapid prototyping system to the development of microchannels</title>. , 2001, , .		9
129	<title>Mixing of liquids using obstacles in microchannels</title>. , 2001, , .		7
130	Simple approach for modeling flow in a microchannel. , 2001, 4236, 99.		4
131	Part Build Orientations Based on Volumetric Error in Fused Deposition Modelling. International Journal of Advanced Manufacturing Technology, 2000, 16, 162-168.	3.0	118
132	Cost estimation in flat plate processing using fuzzy sets. Computers and Industrial Engineering, 1999, 37, 485-488.	6.3	17
133	A CAD/CAM System for High Performance Precision Drum Cams. International Journal of Advanced Manufacturing Technology, 1999, 15, 32-37.	3.0	6
134	An Intelligent Computer-Aided Assembly Process Planning System. International Journal of Advanced Manufacturing Technology, 1999, 15, 332-337.	3.0	19
135	A CAD/CAM system for the machining of precision cams using a half angle search algorithm. International Journal of Advanced Manufacturing Technology, 1998, 14, 180-184.	3.0	6
136	Intelligent rapid prototyping. , 1998, , 33-53.		0
137	Control and process-based optimisation of spot-welding in manufacturing systems. International Journal of Advanced Manufacturing Technology, 1997, 13, 256-263.	3.0	24
138	Intelligent rapid prototyping with fused deposition modelling. Rapid Prototyping Journal, 1996, 2, 24-33.	3.2	128
139	Concurrent intelligent rapid prototyping environment. Journal of Intelligent Manufacturing, 1995, 6, 291-310.	7.3	18
140	Evaluation and Validation of the Shape Accuracy of FDM Fabricated Medical Models. Advanced Materials Research, 0, 83-86, 275-280.	0.3	5
141	Development of Scaffold Building Units and Assembly for Tissue Engineering Using Fused Deposition Modelling. Advanced Materials Research, 0, 83-86, 269-274.	0.3	5
142	Tensile Properties of Processed FDM Polycarbonate Material. Materials Science Forum, 0, 654-656, 2556-2559.	0.3	89
143	A Study of Microstructure and Surface Hardness of Parts Fabricated by Laser Direct Metal Deposition Process. Advanced Materials Research, 0, 129-131, 648-651.	0.3	1
144	Residual Stresses in Cold Spray Process Using Finite Element Analysis. Materials Science Forum, 0, 654-656, 1642-1645.	0.3	9

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145	A Study of Springback of Sheet Metal Formed Parts Using ANSYS. Advanced Materials Research, 0, 291-294, 381-384.	0.3	0
146	Placement Sequence Methodology in Pallet Pattern Formation in Robotic Palletisation. Advanced Materials Research, 0, 383-390, 6347-6351.	0.3	0
147	An Algorithm to Determine Placement Sequence in Robotic Pallet Pattern Formation. Advanced Materials Research, 0, 403-408, 3953-3958.	0.3	0
148	An Investigation on Warpage Analysis in Plastic Injection Moulding. Advanced Materials Research, 0, 264-265, 433-438.	0.3	4
149	Mechanical Properties Investigation of HIP and As-Built EBM Parts. Advanced Materials Research, 0, 576, 216-219.	0.3	8
150	Development of Bio-Compatible Metallic Structures Using Direct Metal Deposition Process. Advanced Materials Research, 0, 576, 141-145.	0.3	0
151	Residual Stresses and Deformations in Electron Beam Melting process Using Finite Element Analysis. Advanced Materials Research, 0, 576, 789-792.	0.3	3
152	Compressive Properties of Ti-6Al-4V Built by Electron Beam Melting. Advanced Materials Research, 0, 811, 108-112.	0.3	5
153	Dynamic Response of FDM Made ABS Parts in Different Part Orientations. Advanced Materials Research, 0, 748, 291-294.	0.3	24
154	Compressive Properties of Solid and Porous Parts Made from High Strength Steel Alloys by Direct Metal Deposition. Advanced Materials Research, 0, 974, 141-146.	0.3	0
155	Experimental Study of the Wear Performance of Fused Deposition Modeling Printed Polycarbonate-Acrylonitrile Butadiene Styrene Parts Using Definitive Screening Design and Machine Learning-Genetic Algorithm. Journal of Materials Engineering and Performance, 0, , 1.	2.5	4