Moataz Attallah

List of Publications by Year
in descending order

144	9,744	61857 43	38300 95
papers	citations	h-index	g-index

152	152	152	5986
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective laser melting of AlSi10Mg alloy: Process optimisation and mechanical properties development. Materials & Design, 2015, 65, 417-424.	5.1	866
2	On the role of melt flow into the surface structure and porosity development during selective laser melting. Acta Materialia, 2015, 96, 72-79.	3.8	715
3	Microstructure and tensile properties of selectively laser-melted and of HIPed laser-melted Tiâ€“6Alâ€“4V. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 578, 230-239.	2.6	613
4	The influence of the laser scan strategy on grain structure and cracking behaviour in SLM powder-bed fabricated nickel superalloy. Journal of Alloys and Compounds, 2014, 615, 338-347.	2.8	539
5	Microstructural and texture development in direct laser fabricated IN718. Materials Characterization, 2014, 89, 102-111.	1.9	420
6	Microstructure and strength of selectively laser melted AlSi10Mg. Acta Materialia, 2016, 117, 311-320.	3.8	380
7	Fluid and particle dynamics in laser powder bed fusion. Acta Materialia, 2018, 142, 107-120.	3.8	367
8	Influence of processing conditions on strut structure and compressive properties of cellular lattice structures fabricated by selective laser melting. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 628, 188-197.	2.6	289
9	Fabrication of large Tiâ€“6Alâ€“4V structures by direct laser deposition. Journal of Alloys and Compounds, 2015, 629, 351-361.	2.8	243
10	Microstructure and yield strength of SLM-fabricated CM247LC Ni-Superalloy. Acta Materialia, 2017, 128, 87-95.	3.8	242
11	Selective laser melting of AlSi10Mg: Influence of post-processing on the microstructural and tensile properties development. Materials and Design, 2016, 105, 212-222.	3.3	237
12	The development of TiNi-based negative Poisson's ratio structure using selective laser melting. Acta Materialia, 2016, 105, 75-83.	3.8	231
13	Mesoscale modelling of selective laser melting: Thermal fluid dynamics and microstructural evolution. Computational Materials Science, 2017, 126, 479-490.	1.4	227
14	Additive manufacturing of Ni-based superalloys: The outstanding issues. MRS Bulletin, 2016, 41, 758-764.	1.7	194
15	Selective laser melting of Invar 36: Microstructure and properties. Acta Materialia, 2016, 103, 382-395.	3.8	185
16	On the role of thermal fluid dynamics into the evolution of porosity during selective laser melting. Scripta Materialia, 2015, 105, 14-17.	2.6	172
17	The barriers to the progression of additive manufacture: Perspectives from UK industry. International Journal of Production Economics, 2018, 198, 104-118.	5.1	157
18	Friction stir welding parameters: a tool for controlling abnormal grain growth during subsequent heat treatment. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2005, 391, 51-59.	2.6	154

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19	Process optimisation of selective laser melting using energy density model for nickel based superalloys. Materials Science and Technology, 2016, 32, 657-661.	0.8	151
20	Effect of the forging pressure on the microstructure and residual stress development in Tiâ€“6Alâ€“4V linear friction welds. Acta Materialia, 2009, 57, 5582-5592.	3.8	128
21	Influence of hot isostatic pressing temperature on microstructure and tensile properties of a nickel-based superalloy powder. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 564, 176-185.	2.6	99
22	Fabricating CoCrFeMnNi high entropy alloy via selective laser melting in-situ alloying. Journal of Materials Science and Technology, 2020, 43, 40-43.	5.6	96
23	Laser Powder Bed Fusion of Ti-rich TiNi lattice structures: Process optimisation, geometrical integrity, and phase transformations. International Journal of Machine Tools and Manufacture, 2019, 141, 19-29.	6.2	93
24	Linking microstructure and processing defects to mechanical properties of selectively laser melted AlSi10Mg alloy. Theoretical and Applied Fracture Mechanics, 2018, 98, 123-133.	2.1	92
25	The design of additively manufactured lattices to increase the functionality of medical implants. Materials Science and Engineering C, 2019, 94, 901-908.	3.8	89
26	Cracking during thermal post-processing of laser powder bed fabricated CM247LC Ni-superalloy. Materials and Design, 2019, 174, 107793.	3.3	80
27	Additive manufacturing of bio-inspired multi-scale hierarchically strengthened lattice structures. International Journal of Machine Tools and Manufacture, 2021, 167, 103764.	6.2	74
28	Microstructural control during direct laser deposition of a Î²-titanium alloy. Materials & Design, 2015, 81, 21-30.	5.1	70
29	In-situ alloyed, oxide-dispersion-strengthened CoCrFeMnNi high entropy alloy fabricated via laser powder bed fusion. Materials and Design, 2020, 194, 108966.	3.3	69
30	Selective Laser Melting of Ti-6Al-4V: The Impact of Post-processing on the Tensile, Fatigue and Biological Properties for Medical Implant Applications. Materials, 2020, 13, 2813.	1.3	69
31	Optimisation of selective laser melting for a high temperature Ni-superalloy. Rapid Prototyping Journal, 2015, 21, 423-432.	1.6	68
32	Adding functionality with additive manufacturing: Fabrication of titanium-based antibiotic eluting implants. Materials Science and Engineering C, 2016, 64, 407-415.	3.8	67
33	Development and testing of an additively manufactured monolithic catalyst bed for HTP thruster applications. Applied Catalysis A: General, 2017, 542, 125-135.	2.2	64
34	Influence of processing parameters on internal porosity and types of defects formed in Ti6Al4V lattice structure fabricated by selective laser melting. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 767, 138387.	2.6	58
35	Laser powder bed fusion in high-pressure atmospheres. International Journal of Advanced Manufacturing Technology, 2018, 99, 543-555.	1.5	56
36	Direct laser fabrication of three dimensional components using SC420 stainless steel. Materials & Design, 2013, 47, 731-736.	5.1	55

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37	Compressive behavior of stretched and composite microlattice metamaterial for energy absorption applications. Composites Part B: Engineering, 2020, 184, 107715.	5.9	51
38	Evolution of grain boundary network topology in 316L austenitic stainless steel during powder hot isostatic pressing. Acta Materialia, 2017, 133, 269-281.	3.8	50
39	Controlling the grain orientation during laser powder bed fusion to tailor the magnetic characteristics in a Ni-Fe based soft magnet. Acta Materialia, 2018, 158, 230-238.	3.8	49
40	Laser powder bed fusion at sub-atmospheric pressures. International Journal of Machine Tools and Manufacture, 2018, 130-131, 65-72.	6.2	47
41	Porosity control in 316L stainless steel using cold and hot isostatic pressing. Materials and Design, 2018, 138, 21-29.	3.3	47
42	Assessment of trapped powder removal and inspection strategies for powder bed fusion techniques. International Journal of Advanced Manufacturing Technology, 2020, 106, 4521-4532.	1.5	47
43	Machining and heat treatment as post-processing strategies for Ni-superalloys structures fabricated using direct energy deposition. Journal of Manufacturing Processes, 2021, 61, 236-244.	2.8	47
44	Tailoring selective laser melting process for titanium drug-delivering implants with releasing micro-channels. Additive Manufacturing, 2018, 20, 144-155.	1.7	45
45	Classifying shape of internal pores within AlSi10Mg alloy manufactured by laser powder bed fusion using 3D X-ray micro computed tomography: Influence of processing parameters and heat treatment. Materials Characterization, 2020, 163, 110225.	1.9	45
46	Influence of the kissing bond on the mechanical properties and fracture behaviour of AA5083-H112 friction stir welds. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 719, 12-20.	2.6	44
47	Comparative determination of the Î±/Î² phase fraction in Î±+Î²-titanium alloys using X-ray diffraction and electron microscopy. Materials Characterization, 2009, 60, 1248-1256.	1.9	43
48	Effect of grain size reduction of AA2124 aluminum alloy powder compacted by spark plasma sintering. Journal of Alloys and Compounds, 2014, 609, 215-221.	2.8	42
49	Deformation mechanisms of FeCoCrNiMo0.2 high entropy alloy at 77 and 15ÂK. Scripta Materialia, 2020, 178, 166-170.	2.6	41
50	Surface Finish has a Critical Influence on Biofilm Formation and Mammalian Cell Attachment to Additively Manufactured Prosthetics. ACS Biomaterials Science and Engineering, 2017, 3, 1616-1626.	2.6	40
51	Effect of powder characteristics and oxygen content on modifications to the microstructural topology during hot isostatic pressing of an austenitic steel. Acta Materialia, 2019, 172, 6-17.	3.8	39
52	Microstructural control in a Ti-based alloy by changing laser processing mode and power during direct laser deposition. Materials Letters, 2016, 179, 104-108.	1.3	36
53	Influence of powder characteristics on the microstructure and mechanical properties of HIPped CM247LC Ni superalloy. Materials and Design, 2019, 174, 107796.	3.3	35
54	In-situ alloying of AlSi10Mg+Si using Selective Laser Melting to control the coefficient of thermal expansion. Journal of Alloys and Compounds, 2019, 795, 8-18.	2.8	35

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55	Additive manufacturing of a topology-optimised multi-tube energy storage device: Experimental tests and numerical analysis. Applied Thermal Engineering, 2020, 180, 115878.	3.0	35
56	Influence of base metal microstructure on microstructural development in aluminium based alloy friction stir welds. Science and Technology of Welding and Joining, 2007, 12, 361-369.	1.5	34
57	Net-shape manufacturing using hybrid selective laser melting/hot isostatic pressing. Rapid Prototyping Journal, 2017, 23, 720-726.	1.6	34
58	Laser powder bed fusion of a Zr-alloy: Tensile properties and biocompatibility. Materials Letters, 2020, 259, 126897.	1.3	34
59	Deformation of microstructurally refined cast Ti46Al8Nb and Ti46Al8Ta. Intermetallics, 2012, 23, 1-11.	1.8	32
60	In-situ shelling via selective laser melting: Modelling and microstructural characterisation. Materials and Design, 2015, 87, 845-853.	3.3	31
61	3-D Printed Slotted Spherical Resonator Bandpass Filters With Spurious Suppression. IEEE Access, 2019, 7, 128026-128034.	2.6	29
62	Characterization of Dissimilar Linear Friction Welds of Î±-Î² Titanium Alloys. Journal of Materials Engineering and Performance, 2012, 21, 770-776.	1.2	28
63	Fracture of three-dimensional lattices manufactured by selective laser melting. International Journal of Solids and Structures, 2019, 180-181, 147-159.	1.3	28
64	Microstructure-microhardness relationships in friction stir welded AA5251. Journal of Materials Science, 2007, 42, 7299-7306.	1.7	27
65	In-Situ observation of primary Î³â€² melting in Ni-base superalloy using confocal laser scanning microscopy. Materials Characterization, 2011, 62, 760-767.	1.9	27
66	Linear friction welding of Ti6Al4V: Experiments and modelling. Materials Science and Technology, 2015, 31, 372-384.	0.8	26
67	A new approach to develop palladium-modified Ti-based alloys for biomedical applications. Materials and Design, 2016, 109, 98-111.	3.3	26
68	Influence of the heating rate on the initiation of primary recrystallization in a deformed Alâ€“Mg alloy. Scripta Materialia, 2010, 63, 371-374.	2.6	25
69	An iterative approach of hot isostatic pressing tooling design for net-shape IN718 superalloy parts. International Journal of Advanced Manufacturing Technology, 2016, 83, 1835-1845.	1.5	25
70	Microstructural Development and Mechanical Properties of Friction Stir Welded Ferritic Stainless Steel AISI 409. Journal of Materials Engineering and Performance, 2019, 28, 6391-6406.	1.2	25
71	Evolution of internal pores within AlSi10Mg manufactured by laser powder bed fusion under tension: As-built and heat treated conditions. Materials and Design, 2021, 204, 109645.	3.3	25
72	Controlling microstructural and mechanical properties of direct laser deposited Inconel 718 via laser power. Journal of Alloys and Compounds, 2021, 872, 159588.	2.8	25

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73	Additive manufacturing of magnetic shielding and ultra-high vacuum flange for cold atom sensors. Scientific Reports, 2018, 8, 2023.	1.6	24
74	Microstructural and Mechanical Characterization of Thin-Walled Tube Manufactured with Selective Laser Melting for Stent Application. Journal of Materials Engineering and Performance, 2021, 30, 696-710.	1.2	24
75	Development, characterisation, and modelling of processability of nitinol stents using laser powder bed fusion. Journal of Alloys and Compounds, 2022, 909, 164681.	2.8	24
76	Experimental and numerical investigations on the process quality and microstructure during induction heating assisted incremental forming of Ti-6Al-4V sheet. Journal of Materials Processing Technology, 2022, 299, 117323.	3.1	22
77	The Effect of Powder Characteristics on Build Quality of High-Purity Tungsten Produced via Laser Powder Bed Fusion (LPBF). Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2020, 51, 1367-1378.	1.1	21
78	In situ alloying based laser powder bed fusion processing of Î² Tiâ€“Mo alloy to fabricate functionally graded composites. Composites Part B: Engineering, 2021, 222, 109059.	5.9	21
79	Development of Ni-base metal matrix composites by powder metallurgy hot isostatic pressing for space applications. Advanced Powder Technology, 2022, 33, 103411.	2.0	21
80	Microstructural and Residual Stress Development due to Inertia Friction Welding in Ti-6246. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2012, 43, 3149-3161.	1.1	20
81	Finite Element Modeling of the Inertia Friction Welding of Dissimilar High-Strength Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2013, 44, 5054-5064.	1.1	20
82	Post Processing of 3D Printed Metal Scaffolds: a Preliminary Study of Antimicrobial Efficiency. Procedia Manufacturing, 2020, 47, 1106-1112.	1.9	20
83	The effect of the heat treatments on the tool wear of hybrid Additive Manufacturing of IN718. Wear, 2021, 470-471, 203617.	1.5	20
84	Inertia friction welding (IFW) for aerospace applications. , 2012, , 25-74.		18
85	Rheological characterization and shape control in gel-casting of nano-sized zirconia powders. Ceramics International, 2014, 40, 14405-14412.	2.3	18
86	Influence of the laser source pulsing frequency on the direct laser deposited Inconel 718 thin walls. Journal of Alloys and Compounds, 2021, 856, 158095.	2.8	18
87	Direct laser deposition of crack-free CM247LC thin walls: Mechanical properties and microstructural effects of heat treatment. Materials and Design, 2021, 211, 110123.	3.3	18
88	Microstructural control during laser powder fusion to create graded microstructure Ni-superalloy components. Additive Manufacturing, 2020, 36, 101432.	1.7	16
89	SLM Printed Waveguide Dual-Mode Filters With Reduced Sensitivity to Fabrication Imperfections. IEEE Microwave and Wireless Components Letters, 2021, 31, 1195-1198.	2.0	16
90	The influence of zirconium content on the microstructure, mechanical properties, and biocompatibility of in-situ alloying Ti-Nb-Ta based Î² alloys processed by selective laser melting. Materials Science and Engineering C, 2021, 131, 112486.	3.8	16

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91	In situ neutron diffraction unravels deformation mechanisms of a strong and ductile FeCrNi medium entropy alloy. Journal of Materials Science and Technology, 2022, 116, 103-120.	5.6	16
92	Spatial variation of microtexture in linear friction welded Ti-6Al-4V. Materials Characterization, 2017, 127, 342-347.	1.9	15
93	A Convolutional Neural Network (CNN) classification to identify the presence of pores in powder bed fusion images. International Journal of Advanced Manufacturing Technology, 2022, 120, 5133-5150.	1.5	15
94	Validation of a Model of Linear Friction Welding of Ti6Al4V by Considering Welds of Different Sizes. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2015, 46, 2326-2331.	1.0	14
95	Effect of Microstructure on the Morphology of Atmospheric Corrosion Pits in Type 304L Stainless Steel. Corrosion, 2018, 74, 1373-1384.	0.5	14
96	The role of powder atomisation route on the microstructure and mechanical properties of hot isostatically pressed Inconel 625. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 808, 140950.	2.6	13
97	A synchrotron tomographic energy-dispersive diffraction imaging study of the aerospace alloy Ti 6246. Journal of Applied Crystallography, 2011, 44, 150-157.	1.9	12
98	Gel casting of sialon ceramics based on water soluble epoxy resin. Ceramics International, 2015, 41, 11534-11538.	2.3	12
99	Laser Powder Bed Fusion of Ti-6Al-2Sn-4Zr-6Mo Alloy and Properties Prediction Using Deep Learning Approaches. Materials, 2021, 14, 2056.	1.3	12
100	A 3-D Printed 300 GHz Waveguide Cavity Filter by Micro Laser Sintering. IEEE Transactions on Terahertz Science and Technology, 2022, 12, 274-281.	2.0	12
101	Influence of process parameters on superplasticity of friction stir processed nugget in high strength Al â€“ Cu â€“ Li alloy. Materials Science and Technology, 2004, 20, 1370-1376.	0.8	10
102	Shaping and Slotting High-Q Spherical Resonators for Suppression of Higher Order Modes. , 2019, , .		10
103	Novel Hybrid Manufacturing Process of CM247LC and Multi-Material Blisks. Micromachines, 2020, 11, 492.	1.4	10
104	Magnetic shielding promotion via the control of magnetic anisotropy and thermal Post processing in laser powder bed fusion processed NiFeMo-based soft magnet. Additive Manufacturing, 2020, 32, 101079.	1.7	9
105	Microstructure-magnetic shielding development in additively manufactured Ni-Fe-Mo soft magnet alloy in the as fabricated and post-processed conditions. Journal of Alloys and Compounds, 2021, 884, 161112.	2.8	9
106	Monolithic 3Dâ€printed slotted hemisphere resonator bandpass filter with extended spuriousâ€free stopband. Electronics Letters, 2019, 55, 331-333.	0.5	8
107	Synchrotron Characterisation of Ultra-Fine Grain TiB2/Al-Cu Composite Fabricated by Laser Powder Bed Fusion. Acta Metallurgica Sinica (English Letters), 2022, 35, 78-92.	1.5	8
108	A Narrowband 3-D Printed Invar Spherical Dual-Mode Filter With High Thermal Stability for OMUXs. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2165-2173.	2.9	8

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109	Finite Element Modeling of Machining Nickel Superalloy Produced By Direct Energy Deposition Process. Procedia Manufacturing, 2020, 47, 525-529.	1.9	7
110	Microstructural characterisation and high-temperature oxidation of laser powder bed fusion processed Inconel 625. Materials Letters, 2022, 311, 131582.	1.3	7
111	Powder HIP of pure Nb and C-103 alloy: The influence of powder characteristics on mechanical properties. International Journal of Refractory Metals and Hard Materials, 2022, 104, 105803.	1.7	7
112	Neural Network Modeling of NiTiHf Shape Memory Alloy Transformation Temperatures. Journal of Materials Engineering and Performance, 2022, 31, 10258-10270.	1.2	7
113	Netshape centrifugal gel-casting of high-temperature sialon ceramics. Ceramics International, 2018, 44, 3440-3447.	2.3	6
114	Monolithic 3D printed waveguide filters with wide spuriousâ€free stopbands using dimpled spherical resonators. IET Microwaves, Antennas and Propagation, 2021, 15, 1657-1670.	0.7	6
115	A Melt Pool Temperature Model in Laser Powder Bed Fabricated CM247LC Ni Superalloy to Rationalize Crack Formation and Microstructural Inhomogeneities. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2021, 52, 5221-5234.	1.1	6
116	In-situ alloyed CoCrFeMnNi high entropy alloy: Microstructural development in laser powder bed fusion. Journal of Materials Science and Technology, 2022, 123, 123-135.	5.6	6
117	Microstructural Evolution, Mechanical Properties, and Preosteoblast Cell Response of a Post-Processing-Treated TNT5Zr Î² Ti Alloy Manufactured via Selective Laser Melting. ACS Biomaterials Science and Engineering, 2022, 8, 2336-2348.	2.6	6
118	Suspended dropletÂalloying: A new method for combinatorial alloy synthesis; nitinol-based alloys as an example. Journal of Alloys and Compounds, 2018, 768, 392-398.	2.8	5
119	The analogies between human development and additive manufacture: Expanding the definition of design. Cogent Engineering, 2019, 6, .	1.1	5
120	A high strength and low modulus metastable Î² Ti-12Mo-6Zr-2Fe alloy fabricated by laser powder bed fusion in-situ alloying. Additive Manufacturing, 2021, 37, 101708.	1.7	5
121	Revealing the microstructural evolution of electron beam powder bed fusion and hot isostatic pressing Ti-6Al-4V in-situ shelling samples using X-ray computed tomography. Additive Manufacturing, 2022, 57, 102962.	1.7	5
122	Composite Powder Consolidation Using Selective Laser Melting: Input Energy/Porosity Morphology/Balling Effect Relation. Minerals, Metals and Materials Series, 2017, , 169-180.	0.3	4
123	Comparison of LPBF processing of AlSi40 alloy using blended and pre-alloyed powder. Additive Manufacturing Letters, 2022, 2, 100038.	0.9	4
124	Influence of the microstructural inhomogeneities on the martensite-to-austenite phase transformation temperatures in TiNiCu-based shape-memory alloys. Materials Chemistry and Physics, 2013, 141, 272-277.	2.0	3
125	On the constitutive relationship between solidification cells and the fatigue behaviour of IN718 fabricated by laser powder bed fusion. Additive Manufacturing, 2021, 47, 102347.	1.7	3
126	The influence of advanced hot isostatic pressing on phase transformations, mechanical properties of Ti-34Nb-13Ta-5Zr-0.2O alloy manufactured by In-situ alloying via selective laser melting. Journal of Alloys and Compounds, 2022, 903, 163974.	2.8	3

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127	Thermal Stability Analysis of 3D Printed Resonators Using Novel Materials. , 2022, , .		3
128	In-vitro Study of Effect of the Design of the Stent on the Arterial Waveforms. Procedia Structural Integrity, 2019, 15, 33-40.	0.3	2
129	Metal 3D Printed D-Band Waveguide to Surface Wave Transition. , 2020, , .		2
130	Hybrid Electron Beam Powder Bed Fusion Additive Manufacturing of Tiâ€“6Alâ€“4V: Processing, Microstructure, and Mechanical Properties. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2022, 53, 927-941.	1.1	2
131	Friction welding of titanium alloys: addressing the structural integrity issues through process optimisation. , 2013, , 313-315.		1
132	New materials development. , 2021, , 529-562.		1
133	Design of a Metal 3-D Printed Corrugated Antenna. , 2019, , .		1
134	Deformation of AlSi10Mg parts manufactured by Laser Powder Bed Fusion: In-situ measurements incorporating X-ray micro computed tomography and a micro testing stage. Procedia Structural Integrity, 2022, 35, 168-172.	0.3	1
135	Temperature-dependent enthalpy and entropy stabilization of solid solution phases in non-equiatomic CoCrFeNiTi high entropy alloys: computational phase diagrams and thermodynamics. Modelling and Simulation in Materials Science and Engineering, 2022, 30, 045013.	0.8	1
136	Influence of Forging Pressure on Microstructural and Mechanical Properties Development in Linear Friction Welded Al-Cu Dissimilar Joint. Soldagem E Inspecao, 0, 24, .	0.6	0
137	Stereological Analysis of the Microstructural Inhomogeneities in Direct-Chill Cast and Continuous-Cast Aluminium-Magnesium Alloy (AA5754). Praktische Metallographie/Practical Metallography, 2014, 51, 77-94.	0.1	0
138	Making the most of additive layer manufacture - development of tailored titanium implants with embedded therapeutics. Frontiers in Bioengineering and Biotechnology, 0, 4, .	2.0	0
139	The Influence of Processing Parameters on Strut Diameter and Internal Porosity in Ti6Al4V Cellular Structure. , 2018, , .		0
140	Phase Diagram and Mechanical Properties of a CoCrFeNi1??Ti? High Entropy Alloy Fabricated by Mechanical Alloying. , 2019, , .		0
141	Effect of Stoichiometry on Shape Memory Properties of Ti-Ni-Hf-Cu-Nb Shape Memory Alloys Manufactured by Suspended Droplet Alloying. Solids, 2022, 3, 1-21.	1.1	0
142	Microstructure, tensile properties of SLMed TNT5Zr-0.2O alloys without/with keyholes produced by different Post-processing treatments. Materials Letters, 2022, 309, 131448.	1.3	0
143	Enabling high efficiency magnetic refrigeration using laser powder bed fusion of porous LaCe(Fe,Mn,Si)13 structures. Additive Manufacturing, 2022, 51, 102620.	1.7	0
144	Effect of Oxygen Diffusion During the Post-Processing of Ti6Al4V Lattice Structures Fabricated by the Selective Laser Melting Process. Journal of Engineering Materials and Technology, Transactions of the ASME, 2022, 144, .	0.8	0