

Guangxi Zhao

List of Publications by Year in descending order

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18
papers

109
citations

1478505

6
h-index

1372567

10
g-index

18
all docs

18
docs citations

18
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction models for specific energy consumption of machine tools and surface roughness based on cutting parameters and tool wear. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2021, 235, 1225-1234.	2.4	18
2	Theoretical and Experimental Research on Multi-Layer Vessel-like Structure Printing Based on 3D Bio-Printing Technology. Micromachines, 2021, 12, 1517.	2.9	8
3	Numerical analysis of aluminum alloy fused coating process. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	1
4	Simulation Analysis of the Influence of Nozzle Structure Parameters on Material Controllability. Micromachines, 2020, 11, 826.	2.9	2
5	Research on interlayer remelting process of multi-layer forming by metal fused-coating additive manufacturing. Journal of Mechanical Science and Technology, 2019, 33, 759-764.	1.5	7
6	Numerical analysis of arc driving forces and temperature distribution in pulsed TIG welding. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	14
7	Coupling analysis of molten pool during fused coating process with arc preheating. Journal of Physics: Conference Series, 2018, 1063, 012076.	0.4	0
8	Mechanical properties of Sn63Pb37 components by fused coating technology. Additive Manufacturing, 2018, 22, 388-393.	3.0	6
9	Experimental analysis of component morphology by fused coating process. Journal of Mechanical Science and Technology, 2018, 32, 2773-2779.	1.5	3
10	Research on the manufacturing of electrical power fittings based on metal droplet deposition. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	3
11	Morphology Analysis of a Multilayer Single Pass via Novel Metal Thin-Wall Coating Forming. Metals, 2016, 6, 313.	2.3	6
12	Building of nested components by a double-nozzle droplet deposition process. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	1
13	Additive Manufacturing of Sn63Pb37 Component by Micro-coating. Procedia Engineering, 2016, 157, 193-199.	1.2	5
14	Numerical and experimental investigation of molten metal droplet deposition applied to rapid prototyping. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	5
15	A novel high-efficiency methodology for metal additive manufacturing. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	13
16	Flow characteristic of in-flight particles in supersonic plasma spraying process. Heat and Mass Transfer, 2016, 52, 1739-1753.	2.1	6
17	Optimal Design of Nozzle for Supersonic Atmosphere Plasma Spraying. High Temperature Materials and Processes, 2016, 35, 685-696.	1.4	1
18	Effect of Processing Parameters on Plasma Jet and In-flight Particles Characters in Supersonic Plasma Spraying. High Temperature Materials and Processes, 2016, 35, 775-786.	1.4	10