

Chaitanya Gullipalli

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

114
citations

1937685
4
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

34
citing authors

#	ARTICLE	IF	CITATIONS
1	In-process monitoring of distortion and temperature in multi-layer laser cladding of Stellite 6 and Inconel 718 alloys. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2023, 237, 3-15.	2.4	3
2	Microstructure Evolution in Direct Energy Deposited Multilayer Inconel 718. Arabian Journal for Science and Engineering, 2022, 47, 7985-7994.	3.0	7
3	Parametric effect on the microstructure of direct metal deposited Inconel 718. Materials and Manufacturing Processes, 2022, 37, 1165-1174.	4.7	4
4	Statistical Analysis of Clad Geometry in Direct Energy Deposition of Inconel 718 Single Tracks. Journal of Materials Engineering and Performance, 2022, 31, 6922-6932.	2.5	5
5	Influence of buffer layer on surface and tribomechanical properties of laser clad Stellite 6. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 263, 114799.	3.5	39
6	Influence of laser cladding parameters on distortion, thermal history and melt pool behaviour in multi-layer deposition of stellite 6: In-situ measurement. Journal of Alloys and Compounds, 2021, 860, 157894.	5.5	34
7	Analysis of melt pool temperature and stresses in laser cladding of inconel 718. AIP Conference Proceedings, 2021, , .	0.4	1
8	Effect of multi-layer laser cladding of Stellite 6 and Inconel 718 materials on clad geometry, microstructure evolution and mechanical properties. Materials Today Communications, 2021, 28, 102604.	1.9	21