

Jinsheng Ning

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

351
citations

840776

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1125743

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all docs

20
docs citations

20
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure and mechanical properties of parts formed by ultrasonic vibration-assisted laser cladding of Inconel 718. <i>Surface and Coatings Technology</i> , 2021, 410, 126964.	4.8	81
2	Investigation of surface topography formation mechanism based on abrasive-workpiece contact rate model in tangential ultrasonic vibration-assisted CBN grinding of ZrO ₂ ceramics. <i>International Journal of Mechanical Sciences</i> , 2019, 155, 66-82.	6.7	67
3	Material removal and surface generation in longitudinal-torsional ultrasonic assisted milling. <i>International Journal of Mechanical Sciences</i> , 2022, 227, 107375.	6.7	39
4	Manipulating molten pool dynamics during metal 3D printing by ultrasound. <i>Applied Physics Reviews</i> , 2022, 9, .	11.3	39
5	Microstructure and properties of IN718/WC-12Co composite coating by laser cladding. <i>Ceramics International</i> , 2022, 48, 9218-9228.	4.8	28
6	Investigation on synergism between additive and subtractive manufacturing for curved thin-walled structure. <i>Virtual and Physical Prototyping</i> , 2022, 17, 220-238.	10.4	18
7	Effects of ultrasound on multilayer forming mechanism of Inconel 718 in directed energy deposition. <i>Additive Manufacturing</i> , 2021, 48, 102462.	3.0	16
8	CrCoNi medium-entropy alloy thin-walled parts manufactured by laser metal deposition: Microstructure evolution and mechanical anisotropy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 817, 141306.	5.6	15
9	Effect of laser incident energy on the densification and structure-property relationships of additively manufactured CrCoNi medium-entropy alloy. <i>Virtual and Physical Prototyping</i> , 2021, 16, 404-416.	10.4	15
10	Process-induced Mechanical Property Heterogeneity along the Building Direction of Directed Energy Deposited IN718 Thin-walled Parts. <i>International Journal of Mechanical Sciences</i> , 2022, 218, 107075.	6.7	12
11	Revealing the influence of ultrasound/heat treatment on microstructure evolution and tensile failure behavior in 3D-printing of Inconel 718. <i>Journal of Materials Processing Technology</i> , 2022, 305, 117574.	6.3	12
12	Parametric design and surface topography analysis of turbine blade processing by turn-milling based on CAM. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 104, 3977-3990.	3.0	8
13	Temperature field simulation and mechanical property study of directed laser depositing thin-walled Inconel 718. <i>Mechanics Based Design of Structures and Machines</i> , 2020, , 1-23.	4.7	1
14	10.1063/5.0082461.3. , 2022, , .		0
15	10.1063/5.0082461.4. , 2022, , .		0
16	10.1063/5.0082461.5. , 2022, , .		0
17	10.1063/5.0082461.9. , 2022, , .		0
18	10.1063/5.0082461.6. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
19	10.1063/5.0082461.8., 2022,,.		0
20	10.1063/5.0082461.7., 2022,,.		0