

# Jinsheng Ning

## List of Publications by Year in descending order

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20  
papers

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citations

840776

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times ranked

96  
citing authors

#	ARTICLE	IF	CITATIONS
1	Process-induced Mechanical Property Heterogeneity along the Building Direction of Directed Energy Deposited IN718 Thin-walled Parts. International Journal of Mechanical Sciences, 2022, 218, 107075.	6.7	12
2	Investigation on synergism between additive and subtractive manufacturing for curved thin-walled structure. Virtual and Physical Prototyping, 2022, 17, 220-238.	10.4	18
3	Microstructure and properties of IN718/WC-12Co composite coating by laser cladding. Ceramics International, 2022, 48, 9218-9228.	4.8	28
4	Revealing the influence of ultrasound/heat treatment on microstructure evolution and tensile failure behavior in 3D-printing of Inconel 718. Journal of Materials Processing Technology, 2022, 305, 117574.	6.3	12
5	Material removal and surface generation in longitudinal-torsional ultrasonic assisted milling. International Journal of Mechanical Sciences, 2022, 227, 107375.	6.7	39
6	Manipulating molten pool dynamics during metal 3D printing by ultrasound. Applied Physics Reviews, 2022, 9, .	11.3	39
7	10.1063/5.0082461.3. , 2022, , .		0
8	10.1063/5.0082461.4. , 2022, , .		0
9	10.1063/5.0082461.5. , 2022, , .		0
10	10.1063/5.0082461.9. , 2022, , .		0
11	10.1063/5.0082461.6. , 2022, , .		0
12	10.1063/5.0082461.8. , 2022, , .		0
13	10.1063/5.0082461.7. , 2022, , .		0
14	Microstructure and mechanical properties of parts formed by ultrasonic vibration-assisted laser cladding of Inconel 718. Surface and Coatings Technology, 2021, 410, 126964.	4.8	81
15	CrCoNi medium-entropy alloy thin-walled parts manufactured by laser metal deposition: Microstructure evolution and mechanical anisotropy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 817, 141306.	5.6	15
16	Effect of laser incident energy on the densification and structure-property relationships of additively manufactured CrCoNi medium-entropy alloy. Virtual and Physical Prototyping, 2021, 16, 404-416.	10.4	15
17	Effects of ultrasound on multilayer forming mechanism of Inconel 718 in directed energy deposition. Additive Manufacturing, 2021, 48, 102462.	3.0	16
18	Temperature field simulation and mechanical property study of directed laser depositing thin-walled Inconel 718. Mechanics Based Design of Structures and Machines, 2020, , 1-23.	4.7	1

#	ARTICLE	IF	CITATIONS
19	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
20	Investigation of surface topography formation mechanism based on abrasive-workpiece contact rate model in tangential ultrasonic vibration-assisted CBN grinding of ZrO <sub>2</sub> ceramics. <i>International Journal of Mechanical Sciences</i> , 2019, 155, 66-82.	6.7	67