

Yunxin Wu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

58
citations

1937685
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1588992
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all docs

13
docs citations

13
times ranked

35
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal design of spiral coil electromagnetic acoustic transducers considering lift-off sensitivity operating on non-ferromagnetic media. <i>Nondestructive Testing and Evaluation</i> , 2018, 33, 56-74.	2.1	14
2	Finite Element Prediction of Residual Stress and Deformation Induced by Double-Pass TIG Welding of Al 2219 Plate. <i>Materials</i> , 2019, 12, 2251.	2.9	13
3	Numerical Simulation of Thermal and Residual Stress Field Induced by Three-Pass TIG Welding of Al 2219 Considering the Effect of Interpass Cooling. <i>International Journal of Precision Engineering and Manufacturing</i> , 2020, 21, 1501-1518.	2.2	10
4	Coupled finite and discrete element shot peening simulation based on Johnsonâ€ˆCook material model. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2020, 234, 974-987.	1.1	6
5	A Type of EMAT for Simultaneous Detection of Two Components of Rayleigh Wave. <i>IEEE Sensors Journal</i> , 2021, 21, 22562-22568.	4.7	4
6	Orthogonal Optimal Design Method for Spiral Coil EMAT Considering Lift-off Effect: A Case Study. <i>IEEE Access</i> , 2021, 9, 22062-22070.	4.2	3
7	Numerical simulation of post-weld shot peening using combined discrete and finite element methods (DEM-FEM). <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2023, 237, 261-275.	2.4	3
8	The Effect of Magnet-to-Coil Distance on the Performance Characteristics of EMATs. <i>Sensors</i> , 2020, 20, 5096.	3.8	2
9	A dynamic model of mobile concrete pump boom based on discrete time transfer matrix method. <i>Frontiers of Mechanical Engineering</i> , 2013, 8, 360-366.	4.3	1
10	Evolution of stress and strain in 2219 aluminum alloy ring during roll-bending process. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 119, 6863-6874.	3.0	1
11	Study on Ultrasonic Propagation Path in Nonuniform Temperature Field. <i>Russian Journal of Nondestructive Testing</i> , 2021, 57, 968-975.	0.9	1
12	Design of the Macro-Motion Table Control System for Lithography Stencil Stage Based on Disturbance Observer. , 2006, , .		0
13	Influence of mechanical behavior between the grains on stress fluctuation of aluminum alloy thick plate. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013, 28, 1212-1216.	1.0	0