

Xiuli Fu

List of Publications by Year in descending order

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18
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18
docs citations

18
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citing authors

#	ARTICLE	IF	CITATIONS
1	Experiment and simulation study on influence of ultrasonic rolling parameters on residual stress of Ti-6Al-4V alloy. Simulation Modelling Practice and Theory, 2020, 104, 102121.	3.8	23
2	Friction-reducing, anti-wear and self-repairing properties of sulfonated graphene. Journal Wuhan University of Technology, Materials Science Edition, 2017, 32, 272-277.	1.0	6
3	The Influence of Forming Directions and Strain Rate on Dynamic Shear Properties of Aerial Aluminum Alloy. Applied Sciences (Switzerland), 2018, 8, 520.	2.5	6
4	Study on the Material Removal Mechanism of Ultrasonic Elliptical Vibration Cutting of Medical $\hat{\rho}$ Titanium Alloy. Micromachines, 2022, 13, 819.	2.9	6
5	Effect of high strain rates and different orientations on tensile behavior and microcosmic evolution of Ti-6Al-4V sheet. Materials Research Express, 2019, 6, 098001.	1.6	4
6	Tensile behavior and failure model of Ti-6Al-4V under different orientation and strain rate. Materials Research Express, 2019, 6, 126320.	1.6	4
7	Research on surface properties of Ti-6Al-4V alloy by multi-ultrasonic rolling. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 0, , 095440622098419.	2.1	4
8	Sensitivity analysis of Johnson-Cook material parameters on adiabatic shear in different directions. Materials Science and Technology, 2020, 36, 443-452.	1.6	3
9	Study on the constitutive model of anisotropic aluminum alloy in high speed cutting. Machining Science and Technology, 2020, 24, 906-923.	2.5	3
10	Effect of anisotropy and cutting speed on chip morphology of Ti-6Al-4V under high-speed cutting. International Journal of Advanced Manufacturing Technology, 2021, 113, 2883-2894.	3.0	3
11	Simulation on Residual Stress Field for Aluminum Alloy 7050-T7451 of Ultrasonic Rolling Process. , 2019, , .		1
12	Study on Linear and Nonlinear Thermal Buckling Mode and Instability Characteristics for Engine Rotating Thin-Walled Blade. Applied Sciences (Switzerland), 2022, 12, 2437.	2.5	1
13	Research on 7050-T7451 Shear Angle Correction Model Based on Anisotropic Features. , 2020, , .		0
14	Research on Formation Mechanism and Behavior Control of Adiabatic Shear of Hard Turning Die Steel. , 2020, , .		0
15	Study on Serrated Chip Formation of Aluminum Alloy 7050-T7451 in Ultra-high-Speed Cutting. , 2020, , .		0
16	Explore Design Evaluation Method Based on Universal Design in Human-Products Interactive of the Product Development. , 2021, , .		0
17	Temperature field simulation and structure optimization of asphalt heating furnace. , 2021, , .		0
18	Effect of ultrasonic rolling on the surface integrity and corrosion properties of GCr15 steel before and after quenching. Materials Research Express, 0, , .	1.6	0