

Fuzhong Sun

List of Publications by Year in descending order

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12
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#	ARTICLE	IF	CITATIONS
1	A two-parameter model for predicting thermal contact resistance between crystal and aluminum alloy based on turning morphology. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2022, 236, 146-159.	2.4	3
2	Fired bullet signature correlation using the finite ridgelet transform (FRIT) and the gray level co-occurrence matrix (GLCM) methods. Forensic Science International, 2022, 330, 111089.	2.2	6
3	Machinability investigation of polymer/GNP nanocomposites in micro-milling. International Journal of Advanced Manufacturing Technology, 2022, 119, 2341-2353.	3.0	4
4	Convergence-improved congruent matching cells (CMC) method for firing pin impression comparison. Journal of Forensic Sciences, 2021, 66, 571-582.	1.6	6
5	Micro-drilling of Mg-based MMCs reinforced with SiO ₂ nanoparticles: An experimental approach. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2020, 234, 1473-1485.	2.4	6
6	Experimental study of thermal contact resistance between aluminium alloy and ADP crystal under vacuum environment. Applied Thermal Engineering, 2019, 155, 563-574.	6.0	12
7	Pilot study of feature-based algorithm for breech face comparison. Forensic Science International, 2018, 286, 148-154.	2.2	8
8	Thermal characteristic analysis of Z-axis guideway based on thermal contact resistance. Advances in Mechanical Engineering, 2018, 10, 168781401880532.	1.6	6
9	The effect of air flow on the temperature distribution and the harmonic conversion efficiency of the ADP crystal with large aperture in the temperature control scheme. Optics and Laser Technology, 2016, 77, 126-133.	4.6	6
10	The effects of structural parameter on the temperature distribution and conversion efficiency in the temperature control scheme of ADP squared crystal with large aperture. Optics Communications, 2015, 354, 392-400.	2.1	5
11	The influence of window thermal conductivity on the temperature distribution of the ADP crystal with large aperture. Optics Communications, 2015, 345, 19-25.	2.1	4
12	Mechanical and optical analysis of large-aperture optics mounted on a frame with a curved surface. Optics and Laser Technology, 2014, 56, 189-195.	4.6	18