

Yunfeng Peng

List of Publications by Year in descending order

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18
papers

181
citations

1307594

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1125743

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18
all docs

18
docs citations

18
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on the reliability and the precision maintenance of the ultra-precision grinding machine based on the key subsystem platforms. International Journal of Advanced Manufacturing Technology, 2023, 124, 3923-3934.	3.0	2
2	Large-area homogeneous corrosion process for electrochemical nanoimprint lithography on GaAs wafer by modulating contact pressure. Journal of Electroanalytical Chemistry, 2022, 908, 116097.	3.8	3
3	Sphere precessions polishing method. Optical Engineering, 2021, 60, .	1.0	0
4	Review on polishing technology of small-scale aspheric optics. International Journal of Advanced Manufacturing Technology, 2021, 115, 965-987.	3.0	30
5	Simulation, Modeling and Experimental Research on the Thermal Effect of the Motion Error of Hydrostatic Guideways. Micromachines, 2021, 12, 1445.	2.9	3
6	Prediction of subsurface damage depth in rotary ultrasonic machining of glass BK7 with probability statistics. International Journal of Advanced Manufacturing Technology, 2020, 107, 1337-1344.	3.0	7
7	Influence of relative difference between paired guide rails on motion accuracy in closed hydrostatic guideways. Journal of Mechanical Science and Technology, 2020, 34, 631-648.	1.5	7
8	Analysis of Effects of precession mechanism error on polishing spot for bonnet polishing. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2018, 232, 350-357.	2.4	3
9	Dressing scheme and process parameters analysis for bonnet tool in bonnet polishing. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2017, 231, 3569-3578.	2.1	2
10	Investigation on removal features of fixed abrasive diamond pellets based on elasticity tool. International Journal of Advanced Manufacturing Technology, 2017, 91, 537-544.	3.0	2
11	High-frequency vibration effects on hole entrance chipping in rotary ultrasonic drilling of BK7 glass. Ultrasonics, 2016, 72, 47-56.	3.9	37
12	Research on surface topography in ultra-precision flycutting based on the dynamic performance of machine tool spindle. International Journal of Advanced Manufacturing Technology, 2016, 87, 1957-1965.	3.0	18
13	Rationality optimization of tool path spacing based on dwell time calculation algorithm. International Journal of Advanced Manufacturing Technology, 2016, 84, 2055-2065.	3.0	8
14	Modeling of material removal in dynamic deterministic polishing. International Journal of Advanced Manufacturing Technology, 2015, 81, 1631-1642.	3.0	16
15	Research on the error analysis and compensation for the precision grinding of large aspheric mirror surface. International Journal of Advanced Manufacturing Technology, 2014, 71, 233-239.	3.0	30
16	Anti-tilting technology of online measurement for large-size optical lens. , 2011, , .		0
17	Research on bipolar pulse current electroforming in precision molds and dies. Tsinghua Science and Technology, 2009, 14, 144-148.	6.1	10
18	An Adhesion Model for Elastic-Contacting Fractal Surfaces in the Presence of Meniscus. Journal of Tribology, 2009, 131, .	1.9	3