

Yunfeng Peng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6662698/publications.pdf>

Version: 2024-02-01

18
papers

181
citations

1307594

7
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

147
citing authors

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