

Lele Ren

List of Publications by Year in descending order

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12
papers

78
citations

1478505

6
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

22
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinematic model for material removal distribution and surface figure in full-aperture polishing. Applied Optics, 2018, 57, 588.	1.8	19
2	Simulation and experiment of double grits interacting scratch for optical glass BK7. Journal Wuhan University of Technology, Materials Science Edition, 2018, 33, 15-22.	1.0	13
3	Improvement of the surface shape error of the pitch lap to a deterministic continuous polishing process. Journal of Manufacturing Processes, 2018, 36, 565-570.	5.9	11
4	Theoretical model and experimental analysis of non-uniform material removal during full-aperture polishing. International Journal of Advanced Manufacturing Technology, 2019, 101, 137-146.	3.0	11
5	Surface shape development of the pitch lap under the loading of the conditioner in continuous polishing process. Journal of the American Ceramic Society, 2019, 102, 3129-3140.	3.8	8
6	The effect of process vibrations under different rotational rates on the non-uniform material removal during continuous polishing. Journal of Materials Processing Technology, 2020, 283, 116711.	6.3	7
7	Correlation between polishing pad's properties and material removal during full-aperture polishing. International Journal of Applied Glass Science, 2019, 10, 287-301.	2.0	5
8	On-line measurement of contact pressure and friction force at the workpiece/lap interface during continuous polishing. Journal of Manufacturing Processes, 2020, 56, 1001-1006.	5.9	3
9	Measurement of Contact Pressure Distribution Map at Workpiece/tin Lap Interface and Process Parameters Optimization During Full-Aperture Polishing With Tin Lap. ECS Journal of Solid State Science and Technology, 2020, 9, 044011.	1.8	1
10	The Role of Pad Block's Support Surface Topography in the Measurement of Optical Glass BK7's Surface Figure. IOP Conference Series: Materials Science and Engineering, 2020, 782, 022100.	0.6	0
11	The effect of clamping stress on the measured surface figure of optical glass BK7. IOP Conference Series: Earth and Environmental Science, 2021, 714, 032047.	0.3	0
12	A novel method for measuring and correcting the surface shape error of the pitch lap in the full-aperture continuous polishing. , 2019, , .		0