

Jian Zhou

List of Publications by Year in descending order

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13
papers

123
citations

1478505

6
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

72
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress Relaxation and Refractive Index Change of As_2S_3 in Compression Molding. <i>International Journal of Applied Glass Science</i> , 2017, 8, 255-265.	2.0	27
2	Investigation on the friction coefficient between graphene-coated silicon and glass using barrel compression test. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2015, 33, .	1.2	22
3	Numerical Evaluation on the Curve Deviation of the Molded Glass Lens. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2014, 136, .	2.2	16
4	Experimental and 3D MPFEM simulation study on the green density of Ti_6Al_4V powder compact during uniaxial high velocity compaction. <i>Journal of Alloys and Compounds</i> , 2020, 817, 153226.	5.5	16
5	High-temperature friction characteristics of N-BK7 glass and their correlation with viscoelastic loss modulus. <i>Ceramics International</i> , 2021, 47, 21414-21424.	4.8	10
6	Temperature and rate dependent debonding behaviors of precision glass molding interface. <i>Journal of the American Ceramic Society</i> , 2021, 104, 243-255.	3.8	8
7	Quality dependence study on dimensions for plano-concave molded glass lenses. <i>International Journal of Applied Glass Science</i> , 2017, 8, 266-275.	2.0	6
8	Effect of molding machine's stiffness on the thickness of molded glass rings. <i>International Journal of Applied Glass Science</i> , 2019, 10, 584-597.	2.0	5
9	Numerical simulation in compression molding of glass lens. , 2013, , .		4
10	Evaluation of Warpage and Residual Stress of Precision Glass Micro-Optics Heated by Carbide-Bonded Graphene Coating in Hot Embossing Process. <i>Nanomaterials</i> , 2021, 11, 363.	4.1	4
11	Characterization and growth mechanisms of adhesion-induced microcavities during debonding of softened glass. <i>International Journal of Applied Glass Science</i> , 2022, 13, 629-644.	2.0	4
12	Finite Element Analysis of PGM Process for Wafer Based Lens Array. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 592, 012024.	0.6	1
13	Comment on "Surface integrity analysis of ultra-thin glass molding process" [Ceram. Int. (2021) https://doi.org/10.1016/j.ceramint.2021.07.236]. <i>Ceramics International</i> , 2021, 47, 33930-33930.	4.8	0