Jian Zhou

List of Publications by Year
in descending order

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Version: 2024-02-01

13	123	1478505 6	1281871 11
papers	citations	h-index	g-index

13	13	13	72
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization and growth mechanisms of adhesionâ€induced microcavities during debonding of softened glass. International Journal of Applied Glass Science, 2022, 13, 629-644.	2.0	4
2	Temperature and rate dependent debonding behaviors of precision glass molding interface. Journal of the American Ceramic Society, 2021, 104, 243-255.	3.8	8
3	Evaluation of Warpage and Residual Stress of Precision Glass Micro-Optics Heated by Carbide-Bonded Graphene Coating in Hot Embossing Process. Nanomaterials, 2021, 11, 363.	4.1	4
4	High-temperature friction characteristics of N-BK7 glass and their correlation with viscoelastic loss modulus. Ceramics International, 2021, 47, 21414-21424.	4.8	10
5	Comment on â€œSurface integrity analysis of ultra-thin glass molding processâ€•[Ceram. Int. (2021) https://doi.org/10.1016/j.ceramint.2021.07.236]. Ceramics International, 2021, 47, 33930-33930.	4.8	0
6	Experimental and 3D MPFEM simulation study on the green density of Tiâ€“6Alâ€“4V powder compact during uniaxial high velocity compaction. Journal of Alloys and Compounds, 2020, 817, 153226.	5.5	16
7	Effect of molding machineâ€™s stiffness on the thickness of molded glass rings. International Journal of Applied Glass Science, 2019, 10, 584-597.	2.0	5
8	Finite Element Analysis of PGM Process for Wafer Based Lens Array. IOP Conference Series: Materials Science and Engineering, 2019, 592, 012024.	0.6	1
9	Quality dependence study on dimensions for planoâ€concave molded glass lenses. International Journal of Applied Glass Science, 2017, 8, 266-275.	2.0	6
10	Stress Relaxation and Refractive Index Change of As₂S₃ in Compression Molding. International Journal of Applied Glass Science, 2017, 8, 255-265.	2.0	27
11	Investigation on the friction coefficient between graphene-coated silicon and glass using barrel compression test. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2015, 33, .	1.2	22
12	Numerical Evaluation on the Curve Deviation of the Molded Glass Lens. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2014, 136, .	2.2	16
13	Numerical simulation in compression molding of glass lens. , 2013, , .		4