

Jonathan A Salem

List of Publications by Year in descending order

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13
papers

231
citations

1684188

5
h-index

1199594

12
g-index

21
all docs

21
docs citations

21
times ranked

226
citing authors

#	ARTICLE	IF	CITATIONS
1	Transparent Armor Ceramics as Spacecraft Windows. Journal of the American Ceramic Society, 2013, 96, 281-289.	3.8	93
2	Crack-Growth Resistance of in Situ-Toughened Silicon Nitride. Journal of the American Ceramic Society, 1994, 77, 1042-1046.	3.8	36
3	Guidelines for the Testing of Plates. Ceramic Engineering and Science Proceedings, 0, , 357-364.	0.1	20
4	Stress Intensity Factor Coefficients for Chevron-Notched Flexure Specimens and a Comparison Fracture Toughness Methods. Ceramic Engineering and Science Proceedings, 0, , 503-512.	0.1	17
5	Measuring the Real Fracture Toughness of Ceramics: ASTM C 1421. , 2005, , 531-553.		13
6	Back-Plane Strain for Monitoring Stable Crack Extension in Precracked Flexure Specimens. Journal of the American Ceramic Society, 2010, 93, 2804-2813.	3.8	13
7	Fractographic analysis of large single crystal sapphire refractive secondary concentrators. Journal of the European Ceramic Society, 2014, 34, 3271-3281.	5.7	11
8	Polynomial expressions for estimating elastic constants from the resonance of circular plates. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 422, 292-297.	5.6	8
9	Mechanical and optical properties in precipitated regions of alumina-rich magnesium aluminate spinel. International Journal of Applied Ceramic Technology, 2017, 14, 236-244.	2.1	5
10	Thermally driven failure of Nd:YVO4 amplifier crystals. Journal of the European Ceramic Society, 2020, 40, 4939-4948.	5.7	4
11	Hoop Tensile Strength of Ceramic Matrix Composite Tubes for LWRS Applications using Elastomeric Inserts: Draft ASTM Test Method. Ceramic Engineering and Science Proceedings, 2015, , 119-126.	0.1	0
12	Stresses near the edges of ring-loaded plates. International Journal of Applied Ceramic Technology, 0, , .	2.1	0
13	International Standards for Properties and Performance of Advanced Ceramics. Ceramic Engineering and Science Proceedings, 0, , 1-9.	0.1	0