

Benjamin Claus

List of Publications by Year in descending order

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8
papers

272
citations

1307594
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1588992
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g-index

8
all docs

8
docs citations

8
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Rate effects on fiber-matrix interfacial transverse debonding behavior. Journal of Composite Materials, 2020, 54, 501-517.	2.4	9
2	Visualization of dynamic fiber-matrix interfacial shear debonding. Journal of Materials Science, 2018, 53, 5845-5859.	3.7	15
3	<i>In situ</i> observation of fracture processes in high-strength concretes and limestone using high-speed X-ray phase-contrast imaging. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160178.	3.4	13
4	Dynamic Experiments using Simultaneous Compression and Shear Loading. Experimental Mechanics, 2017, 57, 1359-1369.	2.0	4
5	High speed X-ray phase contrast imaging of energetic composites under dynamic compression. Applied Physics Letters, 2016, 109, .	3.3	56
6	Observation of Crack Propagation in Glass Using X-ray Phase Contrast Imaging. International Journal of Applied Glass Science, 2014, 5, 363-373.	2.0	23
7	Experimental assessment of fracture of individual sand particles at different loading rates. International Journal of Impact Engineering, 2014, 68, 8-14.	5.0	70
8	High speed synchrotron x-ray phase contrast imaging of dynamic material response to split Hopkinson bar loading. Review of Scientific Instruments, 2013, 84, 025102.	1.3	82