

Zhifeng Xu

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

66
citations

1478505

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h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

46
citing authors

#	ARTICLE	IF	CITATIONS
1	A first passage based model for probabilistic fracture of polycrystalline silicon MEMS structures. Journal of the Mechanics and Physics of Solids, 2017, 99, 225-241.	4.8	19
2	On power-law tail distribution of strength statistics of brittle and quasibrittle structures. Engineering Fracture Mechanics, 2018, 197, 80-91.	4.3	11
3	A Renewal Weakest-Link Model of Strength Distribution of Polycrystalline Silicon MEMS Structures. Journal of Applied Mechanics, Transactions ASME, 2019, 86, .	2.2	11
4	A Simplified Probabilistic Model for Nanocrack Propagation and Its Implications for Tail Distribution of Structural Strength. Physical Mesomechanics, 2019, 22, 85-95.	1.9	9
5	Internal Length Scale of Weakest-Link Statistical Model for Quasi-Brittle Fracture. Journal of Engineering Mechanics - ASCE, 2018, 144, 04018017.	2.9	8
6	Error Analysis of Spatially Varying Seismic Ground Motion Simulation by Spectral Representation Method. Journal of Engineering Mechanics - ASCE, 2017, 143, 04017083.	2.9	7
7	Estimation of Evolutionary Spectra of Monitored Seismic Ground Motions by Transformation of Correlation Functions. Shock and Vibration, 2015, 2015, 1-9.	0.6	1
8	Experimental Analysis of Recycled Aggregate Concrete Beams and Correction Formulas for the Crack Resistance Calculation. Advances in Materials Science and Engineering, 2022, 2022, 1-13.	1.8	0