

Sheng-Wang Hao

List of Publications by Year in descending order

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18
papers

252
citations

1162367

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940134

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times ranked

203
citing authors

#	ARTICLE	IF	CITATIONS
1	Localization of deformation and its effects on power-law singularity preceding catastrophic rupture in rocks. <i>International Journal of Damage Mechanics</i> , 2020, 29, 86-102.	2.4	11
2	Non-monotonic precursory signals to multi-scale catastrophic failures. <i>International Journal of Fracture</i> , 2020, 226, 233-242.	1.1	3
3	The Changeable Power Law Singularity and its Application to Prediction of Catastrophic Rupture in Uniaxial Compressive Tests of Geomedia. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2645-2657.	1.4	15
4	An evolutionary power spectrum model of fully nonstationary seismic ground motion. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 105, 1-10.	1.9	31
5	Magnitude and variation of the critical power law exponent and its physical controls. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 510, 552-557.	1.2	2
6	Scaling law of average failure rate and steady-state rate in rocks. <i>Pageoph Topical Volumes</i> , 2018, , 5-21.	0.2	0
7	Scaling law of average failure rate and steady-state rate in rocks. <i>Pure and Applied Geophysics</i> , 2017, 174, 2199-2215.	0.8	8
8	An accelerating precursor to predict "time-to-failure" in creep and volcanic eruptions. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 343, 252-262.	0.8	21
9	Catastrophic Failure and Critical Scaling Laws of Fiber Bundle Material. <i>Materials</i> , 2017, 10, 515.	1.3	4
10	A relation to predict the failure of materials and potential application to volcanic eruptions and landslides. <i>Scientific Reports</i> , 2016, 6, 27877.	1.6	39
11	Time-dependent brittle creep-relaxation failure in concrete. <i>Magazine of Concrete Research</i> , 2016, 68, 692-700.	0.9	5
12	Wave-Passage Effect of Earthquake Loadings on Long Structures. <i>International Journal of Structural Stability and Dynamics</i> , 2016, 16, 1550037.	1.5	4
13	Brittle Creep Failure, Critical Behavior, and Time-to-Failure Prediction of Concrete under Uniaxial Compression. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-8.	1.0	4
14	Predicting time-to-failure in rock extrapolated from secondary creep. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 1942-1953.	1.4	36
15	Power-law singularity as a possible catastrophe warning observed in rock experiments. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2013, 60, 253-262.	2.6	29
16	Improved interfacial stress analysis of a plated beam. <i>Structural Engineering and Mechanics</i> , 2012, 44, 815-837.	1.0	2
17	Relaxation creep rupture of heterogeneous material under constant strain. <i>Physical Review E</i> , 2012, 85, 012501.	0.8	8
18	Evolution of Localized Damage Zone in Heterogeneous Media. <i>International Journal of Damage Mechanics</i> , 2010, 19, 787-804.	2.4	30