

Wang Yongxiang

List of Publications by Year in descending order

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papers

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all docs

20
docs citations

20
times ranked

580
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic Performance of Precast Concrete Frame with Innovative Assembly Pattern. Journal of Earthquake Engineering, 2023, 27, 852-877.	2.5	1
2	Earthquake Direction Effects on Seismic Performance of Concrete Gravity Dams to Mainshockâ€œAftershock Sequences. Journal of Earthquake Engineering, 2020, 24, 1134-1155.	2.5	17
3	Fracture of rocks in the mountains of Southeast Tibet under hydrothermal conditions at different elevations. Bulletin of Engineering Geology and the Environment, 2020, 79, 4291-4308.	3.5	4
4	Direct extraction of stress intensity factors for geometrically elaborate cracks using a high-order Numerical Manifold Method. Engineering Fracture Mechanics, 2020, 230, 106963.	4.3	10
5	Fracture analysis of cracked thin-walled structures using a high-order XFEM and Irwinâ€™s integral. Computers and Structures, 2019, 212, 1-19.	4.4	21
6	An arc-length method for controlled cohesive crack propagation using high-order XFEM and Irwinâ€™s crack closure integral. Engineering Fracture Mechanics, 2018, 199, 235-256.	4.3	31
7	Direct evaluation of stress intensity factors for curved cracks using Irwin's integral and XFEM with high-order enrichment functions. International Journal for Numerical Methods in Engineering, 2017, 112, 629-654.	2.8	30
8	XFEM with high-order material-dependent enrichment functions for stress intensity factors calculation of interface cracks using Irwinâ€™s crack closure integral. Engineering Fracture Mechanics, 2017, 178, 148-168.	4.3	30
9	Materialâ€œdependent crackâ€œtip enrichment functions in XFEM for modeling interfacial cracks in bimaterials. International Journal for Numerical Methods in Engineering, 2017, 112, 1495-1518.	2.8	40
10	Damage demand assessment of mainshock-damaged concrete gravity dams subjected to aftershocks. Soil Dynamics and Earthquake Engineering, 2017, 98, 141-154.	3.8	50
11	Deterministic 3D seismic damage analysis of Guandi concrete gravity dam: A case study. Engineering Structures, 2017, 148, 263-276.	5.3	47
12	A Probabilistic Damage Identification Method for Shear Structure Components Based on Cross-Entropy Optimizations. Entropy, 2017, 19, 27.	2.2	10
13	Probabilistic Model Updating for Sizing of Hole-Edge Crack Using Fiber Bragg Grating Sensors and the High-Order Extended Finite Element Method. Sensors, 2016, 16, 1956.	3.8	19
14	A general definition of integrated strong motion duration and its effect on seismic demands of concrete gravity dams. Engineering Structures, 2016, 125, 481-493.	5.3	43
15	On the determination of the mesh size for numerical simulations of shock wave propagation in near field underwater explosion. Applied Ocean Research, 2016, 59, 1-9.	4.1	44
16	From diffuse damage to sharp cohesive cracks: A coupled XFEM framework for failure analysis of quasi-brittle materials. Computer Methods in Applied Mechanics and Engineering, 2016, 299, 57-89.	6.6	126
17	Progressive delamination analysis of composite materials using XFEM and a discrete damage zone model. Computational Mechanics, 2015, 55, 1-26.	4.0	84
18	Strength and ductility performance of concrete-filled steel tubular columns after long-term service loading. Engineering Structures, 2015, 100, 308-325.	5.3	39

#	ARTICLE	IF	CITATIONS
19	XFEM based seismic potential failure mode analysis of concrete gravity damâ€“waterâ€“foundation systems through incremental dynamic analysis. <i>Engineering Structures</i> , 2015, 98, 81-94.	5.3	63
20	Integrated duration effects on seismic performance of concrete gravity dams using linear and nonlinear evaluation methods. <i>Soil Dynamics and Earthquake Engineering</i> , 2015, 79, 223-236.	3.8	27