

Chao Liang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

99
citations

1478505

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1474206

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g-index

16
all docs

16
docs citations

16
times ranked

53
citing authors

#	ARTICLE	IF	CITATIONS
1	Using a high-pressure water jet-assisted tunnel boring machine to break rock. <i>Advances in Mechanical Engineering</i> , 2020, 12, 168781402096229.	1.6	23
2	An effective approach for simulating multi-support earthquake underground motions. <i>Bulletin of Earthquake Engineering</i> , 2017, 15, 4635-4659.	4.1	11
3	An improved complex multiple-support response spectrum method for the non-classically damped linear system with coupled damping. <i>Bulletin of Earthquake Engineering</i> , 2016, 14, 161-184.	4.1	10
4	Analysis of the Cause and Mechanism of Hydraulic Gate Vibration during Flood Discharging from the Perspective of Structural Dynamics. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 629.	2.5	8
5	Probabilistic analysis for the response of nonlinear base isolation system under the ground excitation induced by high dam flood discharge. <i>Earthquake Engineering and Engineering Vibration</i> , 2017, 16, 841-857.	2.3	7
6	Interception efficiency of grate inlets for sustainable urban drainage systems design under different road slopes and approaching discharges. <i>Urban Water Journal</i> , 2021, 18, 650-661.	2.1	7
7	Presentation and Verification of an Optimal Operating Scheme Aiming at Reducing the Ground Vibration Induced by High Dam Flood Discharge. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 377.	2.6	6
8	Completeness Verification of Complex Response Spectrum Method for Underdamped and Overdamped Multiple-Support Systems Regarding the Decoupled Damping as Mathematical Parameter without Physical Meaning. <i>Journal of Earthquake Engineering</i> , 2016, 20, 1104-1125.	2.5	5
9	Experimental Research on an Improved Slope Protection Structure in the Plunge Pool of a High Dam. <i>Water (Switzerland)</i> , 2017, 9, 671.	2.7	5
10	Analysis for the Vibration Mechanism of the Spillway Guide Wall Considering the Associated-Forced Coupled Vibration. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2572.	2.5	5
11	The effect of spudcan footprints on the vertical bearing capacity of adjacent pile foundations. <i>Ships and Offshore Structures</i> , 2021, 16, 292-305.	1.9	3
12	Study of the Bearing Capacity at the Variable Cross-Section of A Riser-Surface Casing Composite Pile. <i>China Ocean Engineering</i> , 2021, 35, 262-271.	1.6	3
13	Calculation method for the vertical bearing capacity of a riser-surface casing composite pile. <i>Ships and Offshore Structures</i> , 2021, 16, 66-76.	1.9	3
14	An SVDD-based post-processing approach for vibration risk assessment of the hydro-turbine-generator in a large hydropower station. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2021, 40, 1309-1334.	2.9	2
15	Development and verification of hydroelastic model experiment for the flow-induced vibration analysis of roller compacted concrete dam. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 0, , 146134842110076.	2.9	1
16	An Efficient Approach for Seismic Analysis of Multi-Support Structures Equipped with Coupled Dampers using Spectral Moments Instead of Cross-Correlation Coefficients. <i>Journal of Earthquake Engineering</i> , 2017, 21, 701-725.	2.5	0