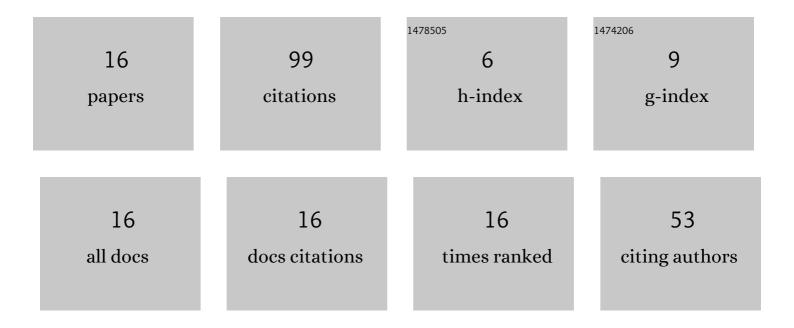
Chao Liang

List of Publications by Year in descending order

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