Li-Hsien Chen

List of Publications by Year
in descending order

10 papers	183 citations	1478505 6 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	200 citing authors

#	Article	IF	Citations
1	Acoustic emission at failure in quasi-brittle materials. Construction and Building Materials, 2001, 15, 225-233.	7.2	76
2	Investigation of Hydraulic Fracture Propagation Using a Post-Peak Control System Coupled with Acoustic Emission. Rock Mechanics and Rock Engineering, 2015, 48, 1233-1248.	5.4	44
3	Evaluation of Geofoam as a Geotechnical Construction Material. Journal of Materials in Civil Engineering, 2010, 22, 160-170.	2.9	26
4	Green Smart Campus Monitoring and Detection Using LoRa. Sensors, 2021, 21, 6582.	3.8	12
5	Suggested continued heat-treatment method for investigating static and dynamic mechanical properties of cement-based materials. Construction and Building Materials, 2014, 69, 91-100.	7.2	8
6	Using a novel shear apparatus coupled with acoustic emission to investigate shear fracture evolution of cement-based materials in macro- and micro-views. Construction and Building Materials, 2018, 187, 665-673.	7.2	6
7	Shear fracture evolution in rocks examined using a novel shear device associated with acoustic emissions. Engineering Fracture Mechanics, 2019, 210, 42-53.	4.3	6
8	Implementation of Composite LPWAN on the Slope Disaster Prevention Monitoring System. IEEE Sensors Journal, 2022, 22, 2658-2671.	4.7	4
9	Using Ultrasonic Pulse and Artificial Intelligence to Investigate the Thermal-Induced Damage Characteristics of Concrete. Applied Sciences (Switzerland), 2018, 8, 1107.	2.5	1
10	Investigating Hydrofracture Evolution of Quasi-Brittle Material Using a Post-Peak Control Technique Associated with Speckle-Shearing Interferometry. Proceedings (mdpi), 2018, 2, .	0.2	0