Jong-Han Lee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6805655/publications.pdf

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21	434	932766 10	713013 21
papers	citations	h-index	g-index

21	21	21	366
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of cement composite with high-temperature detection performance using green earth. Case Studies in Construction Materials, 2022, 16, e00969.	0.8	1
2	Experimental investigation on the performance of flexural displacement recovery using crimped shape memory alloy fibers. Construction and Building Materials, 2021, 306, 124908.	3.2	7
3	Dynamic Response Evaluation of Bridges Considering Aspect Ratio of Pier in Near-Fault and Far-Fault Ground Motions. Applied Sciences (Switzerland), 2020, 10, 6098.	1.3	3
4	Shear Failure Mode and Concrete Edge Breakout Resistance of Cast-In-Place Anchors in Steel Fiber-Reinforced Normal Strength Concrete. Applied Sciences (Switzerland), 2020, 10, 6883.	1.3	4
5	Multi-Step Prestressing with Hybrid SMA Wires. Applied Sciences (Switzerland), 2020, 10, 2842.	1.3	2
6	High Temperature Sensing and Detection for Cementitious Materials Using Manganese Violet Pigment. Materials, 2020, 13, 993.	1.3	7
7	MnNH4P2O7-Based Coating for High Temperature Assessment on the Surfaces of Cement Composites. Coatings, 2020, 10, 396.	1.2	2
8	Crack closure and flexural tensile capacity with SMA fibers randomly embedded on tensile side of mortar beams. Nanotechnology Reviews, 2020, 9, 354-366.	2.6	17
9	Crack-closing performance of NiTi and NiTiNb fibers in cement mortar beams using shape memory effects. Composite Structures, 2018, 202, 710-718.	3.1	50
10	Synthesis and Irreversible Thermochromic Sensor Applications of Manganese Violet. Materials, 2018, 11, 1693.	1.3	17
11	Shear capacity of cast-in headed anchors in steel fiber-reinforced concrete. Engineering Structures, 2018, 171, 421-432.	2.6	17
12	Flexural capacity of fiber reinforced concrete with a consideration of concrete strength and fiber content. Construction and Building Materials, 2017, 138, 222-231.	3.2	94
13	Influence of concrete strength combined with fiber content in the residual flexural strengths of fiber reinforced concrete. Composite Structures, 2017, 168, 216-225.	3.1	88
14	Twin-twist effect of fibers on the pullout resistance in cementitious materials. Construction and Building Materials, 2017, 146, 555-562.	3.2	9
15	Breakout shear strength of cast-in-place anchors using shaking table tests. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2017, 170, 939-950.	0.4	4
16	Experimental Study on Detection of Deterioration in Concrete Using Infrared Thermography Technique. Advances in Materials Science and Engineering, 2016, 2016, 1-12.	1.0	28
17	Rotational Angle Measurement of Bridge Support Using Image Processing Techniques. Journal of Sensors, 2016, 2016, 1-9.	0.6	17
18	Experimental study of the reinforcement effect of macro-type high strength polypropylene on the flexural capacity of concrete. Construction and Building Materials, 2016, 126, 967-975.	3.2	39

#	Article	IF	Citations
19	A comparative study on wind loads between design standards for the design of pipe-rack structures. KSCE Journal of Civil Engineering, 2016, 20, 293-300.	0.9	6
20	Recovery stress of shape memory alloy wires induced by hydration heat of concrete in reinforced concrete beams. Journal of Intelligent Material Systems and Structures, 2015, 26, 29-37.	1.4	18
21	Effect of shrinkage restraint on deflections of reinforced self-compacting concrete beams. KSCE Journal of Civil Engineering, 2013, 17, 1672-1681.	0.9	4