

Jong-Han Lee

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

434
citations

932766

10
h-index

713013

21
g-index

21
all docs

21
docs citations

21
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexural capacity of fiber reinforced concrete with a consideration of concrete strength and fiber content. <i>Construction and Building Materials</i> , 2017, 138, 222-231.	3.2	94
2	Influence of concrete strength combined with fiber content in the residual flexural strengths of fiber reinforced concrete. <i>Composite Structures</i> , 2017, 168, 216-225.	3.1	88
3	Crack-closing performance of NiTi and NiTiNb fibers in cement mortar beams using shape memory effects. <i>Composite Structures</i> , 2018, 202, 710-718.	3.1	50
4	Experimental study of the reinforcement effect of macro-type high strength polypropylene on the flexural capacity of concrete. <i>Construction and Building Materials</i> , 2016, 126, 967-975.	3.2	39
5	Experimental Study on Detection of Deterioration in Concrete Using Infrared Thermography Technique. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-12.	1.0	28
6	Recovery stress of shape memory alloy wires induced by hydration heat of concrete in reinforced concrete beams. <i>Journal of Intelligent Material Systems and Structures</i> , 2015, 26, 29-37.	1.4	18
7	Rotational Angle Measurement of Bridge Support Using Image Processing Techniques. <i>Journal of Sensors</i> , 2016, 2016, 1-9.	0.6	17
8	Synthesis and Irreversible Thermochromic Sensor Applications of Manganese Violet. <i>Materials</i> , 2018, 11, 1693.	1.3	17
9	Shear capacity of cast-in headed anchors in steel fiber-reinforced concrete. <i>Engineering Structures</i> , 2018, 171, 421-432.	2.6	17
10	Crack closure and flexural tensile capacity with SMA fibers randomly embedded on tensile side of mortar beams. <i>Nanotechnology Reviews</i> , 2020, 9, 354-366.	2.6	17
11	Twin-twist effect of fibers on the pullout resistance in cementitious materials. <i>Construction and Building Materials</i> , 2017, 146, 555-562.	3.2	9
12	High Temperature Sensing and Detection for Cementitious Materials Using Manganese Violet Pigment. <i>Materials</i> , 2020, 13, 993.	1.3	7
13	Experimental investigation on the performance of flexural displacement recovery using crimped shape memory alloy fibers. <i>Construction and Building Materials</i> , 2021, 306, 124908.	3.2	7
14	A comparative study on wind loads between design standards for the design of pipe-rack structures. <i>KSCE Journal of Civil Engineering</i> , 2016, 20, 293-300.	0.9	6
15	Effect of shrinkage restraint on deflections of reinforced self-compacting concrete beams. <i>KSCE Journal of Civil Engineering</i> , 2013, 17, 1672-1681.	0.9	4
16	Breakout shear strength of cast-in-place anchors using shaking table tests. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2017, 170, 939-950.	0.4	4
17	Shear Failure Mode and Concrete Edge Breakout Resistance of Cast-In-Place Anchors in Steel Fiber-Reinforced Normal Strength Concrete. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6883.	1.3	4
18	Dynamic Response Evaluation of Bridges Considering Aspect Ratio of Pier in Near-Fault and Far-Fault Ground Motions. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6098.	1.3	3

#	ARTICLE	IF	CITATIONS
19	Multi-Step Prestressing with Hybrid SMA Wires. Applied Sciences (Switzerland), 2020, 10, 2842.	1.3	2
20	MnNH ₄ P ₂ O ₇ -Based Coating for High Temperature Assessment on the Surfaces of Cement Composites. Coatings, 2020, 10, 396.	1.2	2
21	Development of cement composite with high-temperature detection performance using green earth. Case Studies in Construction Materials, 2022, 16, e00969.	0.8	1