

Wei Chang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Compression behavior of reinforced concrete columns jacketed with multi- π spiral transverse reinforcement. <i>Structural Concrete</i> , 2022, 23, 2942-2967.	3.1	2
2	Compression behavior of ultra-high performance concrete (UHPC) confined with high-strength rectilinear ties. <i>Archives of Civil and Mechanical Engineering</i> , 2022, 22, 1.	3.8	6
3	Compressive strength evaluation of concrete confined with spiral stirrups by using adaptive neuro-fuzzy inference system (ANFIS). <i>Soft Computing</i> , 2022, 26, 11873-11889.	3.6	7
4	Lateral response of HPC confined by both spiral stirrups and CFRP under axial compression. <i>Materials and Structures/Materiaux Et Constructions</i> , 2021, 54, 1.	3.1	4
5	Strength and ductility of laterally confined concrete. <i>Structural Concrete</i> , 2021, 22, 2967-2991.	3.1	7
6	Compression Behavior of High-Performance Concrete and High-Performance Fiber-Reinforced Concrete Confined by Spiral Stirrups. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	2.9	8
7	Lateral dilation and limited value of volumetric ratio of stirrups for ultra-high strength concrete confined with spiral stirrups. <i>Materials and Structures/Materiaux Et Constructions</i> , 2021, 54, 1.	3.1	6
8	EVALUATION OF AXIAL LOAD-BEARING CAPACITY OF CONCRETE COLUMNS STRENGTHENED BY A NEW SECTION ENLARGEMENT METHOD. <i>Journal of Civil Engineering and Management</i> , 2021, 28, 25-38.	3.5	1
9	Compressive behavior of UHPC confined by both spiral stirrups and carbon fiber-reinforced polymer (CFRP). <i>Construction and Building Materials</i> , 2020, 230, 117007.	7.2	24
10	Effects of key parameters on fluidity and compressive strength of ultra-high performance concrete. <i>Structural Concrete</i> , 2020, 21, 747-760.	3.1	18
11	Lateral response of ultra-high performance concrete columns confined with high-strength spiral stirrups. <i>Structural Concrete</i> , 2020, 21, 2408-2419.	3.1	9
12	BEHAVIOUR OF HIGH-STRENGTH CONCRETE CIRCULAR COLUMNS CONFINED BY HIGH-STRENGTH SPIRALS UNDER CONCENTRIC COMPRESSION. <i>Journal of Civil Engineering and Management</i> , 2020, 26, 564-578.	3.5	6
13	Evaluating Stress-Strain Properties of Reinforcing Steel for Reinforced Concrete. <i>Advances in Civil Engineering Materials</i> , 2020, 9, 283-297.	0.6	1
14	Estimation of compressive strength of stirrup-confined circular columns using artificial neural networks. <i>Structural Concrete</i> , 2019, 20, 1328-1339.	3.1	18
15	Design methods for spiral stirrups confined concrete columns by evaluating the lateral performance of transverse reinforcements. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	1
16	Analysis and Modelling of Shrinkage and Creep of Reactive Powder Concrete. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 732.	2.5	16
17	Evaluating the Effects of Steel Fibers on Mechanical Properties of Ultra-High Performance Concrete Using Artificial Neural Networks. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1120.	2.5	36