

# Weiqiang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

778  
citations

471061

17  
h-index

580395

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

417  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexural Tensile Behavior of Single and Novel Multiple Hooked-End Steel Fiber-Reinforced Notched Concrete Beams. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .	1.3	7
2	Ultimate strain prediction of partially FRP confined concrete considering strain localization. <i>Construction and Building Materials</i> , 2022, 346, 128486.	3.2	3
3	Behavior of CFRP-UHPFRC-steel double skin tubular columns against low-velocity impact. <i>Composite Structures</i> , 2021, 261, 113284.	3.1	8
4	Multi-Image-Feature-Based Hierarchical Concrete Crack Identification Framework Using Optimized SVM Multi-Classifiers and D-S Fusion Algorithm for Bridge Structures. <i>Remote Sensing</i> , 2021, 13, 240.	1.8	33
5	Dynamic responses of hybrid FRP-concrete-steel double-skin tubular column (DSTC) under lateral impact. <i>Structures</i> , 2021, 32, 1115-1144.	1.7	18
6	Seepage dissolution effect prediction on aging deformation of concrete dams by coupled chemo-mechanical model. <i>Construction and Building Materials</i> , 2020, 237, 117603.	3.2	11
7	Behavior of FRP confined UHPFRC-filled steel tube columns under axial compressive loading. <i>Journal of Building Engineering</i> , 2020, 32, 101511.	1.6	11
8	Mechanism and optimum design of shared tuned mass damper for twin-tower structures connected at the top by an isolated corridor. <i>Structural Design of Tall and Special Buildings</i> , 2020, 29, e1728.	0.9	7
9	Axial compressive behavior of concrete-filled FRP-steel wire reinforced thermoplastics pipe hybrid columns. <i>Composite Structures</i> , 2020, 244, 112237.	3.1	31
10	Experimental Investigation of the Hybrid FRP-UHPC-Steel Double-Skin Tubular Columns under Lateral Impact Loading. <i>Journal of Composites for Construction</i> , 2020, 24, .	1.7	38
11	Rectangular double-tube concrete columns with an internal elliptical high-strength steel tube: Concept and behavior. <i>Engineering Structures</i> , 2020, 216, 110742.	2.6	38
12	Experimental study on residual axial bearing capacity of UHPFRC-filled steel tubes after lateral impact loading. <i>Structures</i> , 2020, 26, 549-561.	1.7	16
13	Numerical Simulation of FRP-Concrete-Steel Double-Skin Tubular Column Under Lateral Impact Loading. <i>Lecture Notes in Civil Engineering</i> , 2020, , 467-476.	0.3	0
14	Comparative Investigation of Phenomenological Modeling for Hysteresis Responses of Magnetorheological Elastomer Devices. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3216.	1.8	32
15	Lateral impact behavior of double-skin steel tubular (DST) members with ultra-high performance fiber-reinforced concrete (UHPFRC). <i>Thin-Walled Structures</i> , 2019, 144, 106351.	2.7	30
16	Behavior of ultra-high performance fiber-reinforced concrete (UHPFRC) filled steel tubular members under lateral impact loading. <i>International Journal of Impact Engineering</i> , 2019, 132, 103314.	2.4	53
17	Compressive behavior of hybrid double-skin tubular columns with ultra-high performance fiber-reinforced concrete (UHPFRC). <i>Engineering Structures</i> , 2019, 180, 419-441.	2.6	46
18	Compressive behaviour of partially FRP confined concrete: Experimental observations and assessment of the stress-strain models. <i>Construction and Building Materials</i> , 2018, 192, 785-797.	3.2	73

#	ARTICLE	IF	CITATIONS
19	Eccentrically Loaded FRP Confined Concrete with Different Wrapping Schemes. Journal of Composites for Construction, 2018, 22, .	1.7	27
20	Compressive behavior of ultra-high performance fiber-reinforced concrete (UHPFRC) confined with FRP. Composite Structures, 2018, 204, 419-437.	3.1	79
21	Numerical Simulation of Hybrid FRP-Concrete-Steel Double-Skin Tubular Columns under Close-Range Blast Loading. Journal of Composites for Construction, 2018, 22, .	1.7	29
22	Behaviour of concrete-encased concrete-filled FRP tube (CCFT) columns under axial compression. Engineering Structures, 2017, 147, 256-268.	2.6	42
23	Axial compressive behaviour of concrete confined with polymer grid. Materials and Structures/Materiaux Et Constructions, 2016, 49, 3893-3908.	1.3	33
24	Experimental Study on FRP Tube Reinforced Concrete Columns under Different Loading Conditions. Journal of Composites for Construction, 2016, 20, .	1.7	24
25	Behaviour of perforated GFRP tubes under axial compression. Thin-Walled Structures, 2015, 95, 88-100.	2.7	37
26	Axial compressive behaviour of GFRP tube reinforced concrete columns. Construction and Building Materials, 2015, 81, 198-207.	3.2	49
27	A Damage Model of Ultra High Performance Concrete and its Application in Seismic Design of Gravity Dam. IOP Conference Series: Earth and Environmental Science, 0, 233, 032019.	0.2	3