Boshan Zhang

List of Publications by Year
in descending order

12	167	1307594 7	1199594 12
papers	citations	h-index	g-index

13	13	13	68
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental and multi-scale numerical investigation of ultra-high performance fiber reinforced concrete (UHPFRC) with different coarse aggregate content and fiber volume fraction. Construction and Building Materials, 2020, 260, 120444.	7.2	36
2	Mechanical Behavior of Prefabricated Composite Box Girders with Corrugated Steel Webs under Static Loads. Journal of Bridge Engineering, 2018, 23, .	2.9	26
3	Multi-scale analysis on the tensile properties of UHPC considering fiber orientation. Composite Structures, 2022, 280, 114835.	5.8	23
4	The Mechanical Properties and Damage Evolution of UHPC Reinforced with Glass Fibers and High-Performance Polypropylene Fibers. Materials, 2021, 14, 2455.	2.9	21
5	Fatigue testing and analysis of I-girders with trapezoidal corrugated webs. Engineering Structures, 2019, 196, 109344.	5.3	16
6	Stress states and shear failure mechanisms of girders with corrugated steel webs. Thin-Walled Structures, 2020, 157, 106858.	5.3	16
7	Mechanical State Assessment of In-Service Cable-Stayed Bridge Using a Two-Phase Model Updating Technology and Periodic Field Measurements. Journal of Bridge Engineering, 2020, 25, .	2.9	9
8	Multi-scale study on interfacial bond failure between normal concrete (NC) and ultra-high performance concrete (UHPC). Journal of Building Engineering, 2022, 57, 104808.	3.4	8
9	Load effect and fatigue damage of bridges under combined actions of traffic and wind: a case study. Stahlbau, 2016, 85, 281-291.	0.1	5
10	Failure evolution and fiber toughing mechanism of ultra-high performance concrete under uniaxial compression. Journal of Sustainable Cement-Based Materials, 2023, 12, 441-459.	3.1	3
11	Tracking time-varying structural responses of in-service cable-stayed bridges with model parameter errors and concrete time-dependent effects. Structures, 2022, 37, 819-832.	3.6	2
12	Experiment and Probabilistic Prediction on Mechanical Properties of Corroded Prestressed Strands under Different Strain Levels. Journal of Materials in Civil Engineering, 2022, 34, .	2.9	2