

# Boshan Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

167  
citations

1307594

7  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

68  
citing authors

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