

# Dong Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

109  
citations

1478505

6  
h-index

1372567

10  
g-index

22  
all docs

22  
docs citations

22  
times ranked

58  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of measurement and simulation errors in structural system identification by observability techniques. <i>Structural Control and Health Monitoring</i> , 2017, 24, e1923.	4.0	18
2	Constrained observability method in static structural system identification. <i>Structural Control and Health Monitoring</i> , 2018, 25, e2040.	4.0	14
3	A New Theoretical Model of Rock Burst-Prone Roadway Support and Its Application. <i>Geofluids</i> , 2021, 2021, 1-11.	0.7	13
4	Static structural system identification for beam-like structures using compatibility conditions. <i>Structural Control and Health Monitoring</i> , 2018, 25, e2062.	4.0	11
5	Structural system identification by measurement error-minimizing observability method. <i>Structural Control and Health Monitoring</i> , 2019, 26, e2425.	4.0	10
6	New extended grillage methods for the practical and precise modeling of concrete box-girder bridges. <i>Advances in Structural Engineering</i> , 2020, 23, 1179-1194.	2.4	6
7	Shear design of concrete beams reinforced with grid reinforcement. <i>Magazine of Concrete Research</i> , 2013, 65, 93-107.	2.0	5
8	Integrative Sensitivity Analysis Applied to Semi-Integral Concrete Bridges. <i>Journal of Bridge Engineering</i> , 2014, 19, 04014014.	2.9	5
9	Behavior of Concrete Segmental Box Girder Bridges with Open Webs. <i>Journal of Bridge Engineering</i> , 2015, 20, .	2.9	5
10	Influence of Sub-zero Temperatures on the Dynamic Behaviour of Foam Concrete with Sand. <i>KSCE Journal of Civil Engineering</i> , 2021, 25, 3843-3851.	1.9	5
11	Prestressing Optimization and Local Reinforcement Design for a Mixed Externally and Internally Prestressed Precast Segmental Bridge. <i>Journal of Bridge Engineering</i> , 2016, 21, 05016003.	2.9	4
12	Shear behavior of steel keyed joints in precast concrete segmental bridges under direct shear loading. <i>Structural Concrete</i> , 2022, 23, 2710-2731.	3.1	3
13	Experimental study on shear behavior of reinforced concrete beams with web horizontal reinforcement. <i>Frontiers of Structural and Civil Engineering</i> , 2014, 8, 325-336.	2.9	2
14	Study on the Mechanical Properties of Coal Weakened by Acidic and Alkaline Solutions. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-15.	0.7	2
15	A Study on the Mechanical Properties and Bursting Liability of Coal-Rock Composites with Seam Partings. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-13.	0.7	2
16	Application of the Corresponding Force Matrix in Analysis and Reinforcement Design of Concrete Box Bridges. <i>Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE)</i> , 2022, 32, 175-182.	0.8	2
17	Unified Flexural Design Method for Deep and Shallow Beams Using Non-Linear Grid Model. <i>Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE)</i> , 2017, 27, 482-491.	0.8	1
18	Robust Static Structural System Identification Using Rotations. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9695.	2.5	1

#	ARTICLE	IF	CITATIONS
19	Based on Energy-Variational Principle Derived Moment Amplified Coefficient of Tied Arch Rib. Journal of Highway and Transportation Research and Development (English Edition), 2015, 9, 45-54.	0.1	0
20	Quality assessment of material models for reinforced concrete flexural members. Structural Concrete, 2015, 16, 125-136.	3.1	0
21	Structural System Identification of Pedestrian Bridges by Observability Method. , 2017, , .		0
22	Introduction: Recent Structures and Research in China. Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE), 2022, 32, 133-133.	0.8	0