

Shenghan Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

141
citations

1307594
7
h-index

1588992
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g-index

8
all docs

8
docs citations

8
times ranked

89
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic structural health monitoring of a model wind turbine tower using distributed acoustic sensing (DAS). <i>Journal of Civil Structural Health Monitoring</i> , 2021, 11, 833-849.	3.9	37
2	Numerical investigation of the role of masonry typology on shear strength. <i>Engineering Structures</i> , 2019, 192, 86-102.	5.3	30
3	Fiber optic sensing of concrete cracking and rebar deformation using several types of cable. <i>Structural Control and Health Monitoring</i> , 2021, 28, e2664.	4.0	27
4	A mechanical model to interpret distributed fiber optic strain measurement at displacement discontinuities. <i>Structural Health Monitoring</i> , 2021, 20, 2584-2603.	7.5	17
5	Numerical evaluation of test setups for determining the shear strength of masonry. <i>Materials and Structures/Materiaux Et Constructions</i> , 2018, 51, 1.	3.1	11
6	Monitoring Reinforced Concrete Cracking Behavior under Uniaxial Tension Using Distributed Fiber-Optic Sensing Technology. <i>Journal of Structural Engineering</i> , 2021, 147, .	3.4	9
7	Distributed fiber optic strain sensing of bending deformation of a well mockup in the laboratory. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 96, 104309.	4.4	7
8	Distributed Fiber-Optic Strain Sensing of an Innovative Reinforced Concrete Beam-Column Connection. <i>Sensors</i> , 2022, 22, 3957.	3.8	3