

Xiao Tan

List of Publications by Year in descending order

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Version: 2024-02-01

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#	ARTICLE	IF	CITATIONS
1	Inverse analysis of strain distributions sensed by distributed fiber optic sensors subject to strain transfer. <i>Mechanical Systems and Signal Processing</i> , 2022, 166, 108474.	8.0	18
2	Mechanical behavior and recoverable properties of CFRP shape memory alloy composite under different prestrains. <i>Construction and Building Materials</i> , 2022, 333, 127186.	7.2	10
3	Strain transfer effect on measurements with distributed fiber optic sensors. <i>Automation in Construction</i> , 2022, 139, 104262.	9.8	29
4	Experimental investigation on flexural behavior of steel-concrete composite floor slabs with distributed fiber optic sensors. <i>Journal of Building Engineering</i> , 2022, 54, 104668.	3.4	2
5	Measuring crack width using a distributed fiber optic sensor based on optical frequency domain reflectometry. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 172, 108945.	5.0	53
6	Strain transfer effect in distributed fiber optic sensors under an arbitrary field. <i>Automation in Construction</i> , 2021, 124, 103597.	9.8	58
7	Measurement and visualization of strains and cracks in CFRP post-tensioned fiber reinforced concrete beams using distributed fiber optic sensors. <i>Automation in Construction</i> , 2021, 124, 103604.	9.8	73
8	Detection, visualization, quantification, and warning of pipe corrosion using distributed fiber optic sensors. <i>Automation in Construction</i> , 2021, 132, 103953.	9.8	45
9	Monitoring corrosion of steel bars in reinforced concrete based on helix strains measured from a distributed fiber optic sensor. <i>Engineering Structures</i> , 2020, 204, 110039.	5.3	48