

Ming-Yao Liu

List of Publications by Year in descending order

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252
citing authors

#	ARTICLE	IF	CITATIONS
1	A Model-Driven Scheme to Compensate the Strain-Based Non-Intrusive Dynamic Pressure Measurement for Hydraulic Pipe. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	314
2	Vibration response of multi-span fluid-conveying pipe with multiple accessories under complex boundary conditions. European Journal of Mechanics, A/Solids, 2018, 72, 41-56.	3.7	60
3	Real-time measurement of temperature field in heavy-duty machine tools using fiber Bragg grating sensors and analysis of thermal shift errors. Mechatronics, 2015, 31, 16-21.	3.3	31
4	Clamp looseness detection using modal strain estimated from FBG based operational modal analysis. Measurement: Journal of the International Measurement Confederation, 2019, 137, 82-97.	5.0	28
5	A Novel Fiber Bragg Grating Vibration Sensor Based on Orthogonal Flexure Hinge Structure. IEEE Sensors Journal, 2020, 20, 5277-5285.	4.7	18
6	An FBG based smart clamp for the detection of incipient clamp looseness in industrial piping system. Measurement: Journal of the International Measurement Confederation, 2019, 140, 416-426.	5.0	14
7	A Non-Invasive Measurement Method of Pipeline Flow Rate Based on Dual FBG Sensors. IEEE Sensors Journal, 2022, 22, 5669-5677.	4.7	11
8	Miniature Structure Optimization of Small-Diameter FBG-Based One-Dimensional Optical Fiber Vibration Sensor. IEEE Sensors Journal, 2021, 21, 26763-26771.	4.7	10
9	FBG-Based Nonintrusive Monitoring Method for the Impact Force on 90° Pipe Elbow. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	4