Rui Li

List of Publications by Year
in descending order

12 papers	416 citations	1477746 6 h-index	1199166 12 g-index
12 all docs	12 docs citations	12 times ranked	340 citing authors

#	Article	IF	Citations
1	Theory and Application of Magnetic Flux Leakage Pipeline Detection. Sensors, 2015, 15, 31036-31055.	2.1	236
2	Pipeline In-Line Inspection Method, Instrumentation and Data Management. Sensors, 2021, 21, 3862.	2.1	62
3	Literature Review: Theory and Application of In-Line Inspection Technologies for Oil and Gas Pipeline Girth Weld Defection. Sensors, 2017, 17, 50.	2.1	60
4	Technologies and application of pipeline centerline and bending strain of In-line inspection based on inertial navigation. Transactions of the Institute of Measurement and Control, 2018, 40, 1554-1567.	1.1	15
5	Compensation Method for Pipeline Centerline Measurement of in-Line Inspection during Odometer Slips Based on Multi-Sensor Fusion and LSTM Network. Sensors, 2019, 19, 3740.	2.1	12
6	Pipeline Bending Strain Measurement and Compensation Technology Based on Wavelet Neural Network. Journal of Sensors, 2016, 2016, 1-7.	0.6	10
7	Attention Module Magnetic Flux Leakage Linked Deep Residual Network for Pipeline In-Line Inspection. Sensors, 2022, 22, 2230.	2.1	6
8	Research and Method for In-line Inspection Technology of Girth Weld in Long-Distance Oil and Gas Pipeline. Journal of Physics: Conference Series, 2021, 1986, 012052.	0.3	5
9	Development the method of pipeline bending strain measurement based on microelectromechanical systems inertial measurement unit. Science Progress, 2020, 103, 003685042092523.	1.0	4
10	A Multisource Monitoring Data Coupling Analysis Method for Stress States of Oil Pipelines under Permafrost Thawing Settlement Load. Mathematical Problems in Engineering, 2020, 2020, 1-15.	0.6	3
11	A Novel Feature Identification Method of Pipeline In-Line Inspected Bending Strain Based on Optimized Deep Belief Network Model. Energies, 2022, 15, 1586.	1.6	2
12	An efficient adaptive combined filtering method for pipeline bending strain based on inertial in-line inspection. Measurement and Control, 2022, 55, 480-490.	0.9	1