

# Xianming Lang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8547611/publications.pdf>

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11  
papers

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citations

1163117

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1474206

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11  
docs citations

11  
times ranked

135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leak Detection and Location of Pipelines Based on LMD and Least Squares Twin Support Vector Machine. IEEE Access, 2017, 5, 8659-8668.	4.2	51
2	A Small Leak Localization Method for Oil Pipelines Based on Information Fusion. IEEE Sensors Journal, 2018, 18, 6115-6122.	4.7	41
3	A Multiple Leaks™ Localization Method in a Pipeline Based on Change in the Sound Velocity. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5010-5017.	4.7	31
4	Localization Method of Multiple Leaks Based on Time-Frequency Analysis and Improved Differential Evolution. IEEE Sensors Journal, 2020, 20, 14383-14390.	4.7	18
5	Leak Localization of Gas Pipeline Based on the Combination of EEMD and Cross-Spectrum Analysis. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	4.7	14
6	Pipeline Leak Aperture Recognition Based on Wavelet Packet Analysis and a Deep Belief Network with ICR. Wireless Communications and Mobile Computing, 2018, 2018, 1-8.	1.2	11
7	Leak Localization Method for Pipeline Based on Fusion Signal. IEEE Sensors Journal, 2021, 21, 3271-3277.	4.7	11
8	Leak Location of Pipeline with Multibranch Based on a Cyber-Physical System. Information (Switzerland), 2017, 8, 113.	2.9	9
9	Recognition Method of Pipeline Weld Defects Based on Auxiliary Classifier Generative Adversarial Networks. IEEE Instrumentation and Measurement Magazine, 2022, 25, 69-77.	1.6	4
10	Multiple Leaks Detection in Fluid Pipeline Based on Improved VMD and TWSVM. , 2020, , .		1
11	Localization Method of Multiple Leaks in Fluid Pipeline Based on Compressed Sensing and Time-Frequency Analysis. Communications in Computer and Information Science, 2020, , 257-267.	0.5	0