Qiang Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3192810/publications.pdf

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19	281	1040056	996975
papers	citations	9	15
		h-index	g-index

20	20	20	298
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A new visualisation and measurement technology for water continuous multiphase flows. Flow Measurement and Instrumentation, 2015, 46, 204-212.	2.0	44
2	Measurement of vertical oil-in-water two-phase flow using dual-modality ERTâ€“EMF system. Flow Measurement and Instrumentation, 2015, 46, 255-261.	2.0	36
3	Visualization of Gasâ€“Oilâ€“Water Flow in Horizontal Pipeline Using Dual-Modality Electrical Tomographic Systems. IEEE Sensors Journal, 2017, 17, 8146-8156.	4.7	35
4	Capability of dual-modality electrical tomography for gas-oil-water three-phase pipeline flow visualisation. Flow Measurement and Instrumentation, 2018, 62, 152-166.	2.0	25
5	Full spectrum fluorescence lifetime imaging with 0.5â€‰nm spectral and 50â€‰ps temporal resolution. Nature Communications, 2021, 12, 6616.	12.8	25
6	Arts of electrical impedance tomographic sensing. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150329.	3.4	22
7	Fuzzy Logic Based Multi-Dimensional Image Fusion for Gasâ€“Oil-Water Flows With Dual-Modality Electrical Tomography. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 1948-1961.	4.7	17
8	Imaging of gasâ€“liquid annular flows for underbalanced drilling using electrical resistance tomography. Flow Measurement and Instrumentation, 2015, 46, 319-326.	2.0	13
9	Online conductivity calibration methods for EIT gas/oil in water flow measurement. Flow Measurement and Instrumentation, 2015, 46, 213-217.	2.0	12
10	Experimental tomographic methods for analysing flow dynamics of gas-oil-water flows in horizontal pipeline. Journal of Hydrodynamics, 2016, 28, 1018-1021.	3.2	12
11	Bubble mapping: three-dimensional visualisation of gasâ€“liquid flow regimes using electrical tomography. Measurement Science and Technology, 2019, 30, 045303.	2.6	8
12	Deep Learning in ex-vivo Lung Cancer Discrimination using Fluorescence Lifetime Endomicroscopic Images. , 2020, 2020, 1891-1894.		7
13	Measurement of interphase forces based on dual-modality ERT/DP sensor in horizontal two-phase flow gas-water. Measurement: Journal of the International Measurement Confederation, 2019, 136, 703-717.	5.0	6
14	Imaging of a distinctive large bubble in gasâ€“water flow based on a size projection algorithm. Measurement Science and Technology, 2019, 30, 094004.	2.6	5
15	A layer-level multi-scale architecture for lung cancer classification with fluorescence lifetime imaging endomicroscopy. Neural Computing and Applications, 2022, 34, 18881-18894.	5.6	5
16	Three-dimensional visualisation of gas-water two-phase flow based on bubble mapping method and size projection algorithm. Flow Measurement and Instrumentation, 2019, 69, 101590.	2.0	3
17	Fluorescence lifetime imaging endomicroscopy based ex-vivo lung cancer prediction using multi-scale concatenated-dilation convolutional neural networks. , 2021, , .		2
18	Multi-Scale Aggregated-Dilation Network for ex-vivo Lung Cancer Detection with Fluorescence Lifetime Imaging Endomicroscopy. , 2021, 2021, 2918-2922.		1

#	Article	IF	Citations
19	Advanced electrical tomography visualisation. , 2022, , 463-484.		0