Feng Dong

List of Publications by Year
in descending order

347 papers	3,535 citations	136950 32 h-index	223800 46 g-index
353 all docs	353 docs citations	353 times ranked	1730 citing authors

#	ARTICLE	IF	CITATIONS
1	Sparse Local Fisher Discriminant Analysis for Gas-Water Two-Phase Flow Status Monitoring With Multisensor Signals. IEEE Transactions on Industrial Informatics, 2023, 19, 2886-2898.	11.3	2
2	Flow rate measurement of oil-gas-water wavy flow through a combined electrical and ultrasonic sensor. Chemical Engineering Journal, 2022, 427, 131982.	12.7	24
3	Roadmap on signal processing for next generation measurement systems. Measurement Science and Technology, 2022, 33, 012002.	2.6	12
4	Multifrequency Weighted Difference Magnetic Induction Tomography for Intracranial Hemorrhage Detection. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	4.7	4
5	Finite-Element Modeling of Tissue Responses to Focused Ultrasound With Different Intensities. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	4.7	0
6	Sequential Dynamic Aperture Focusing Strategy for Transmissive Ultrasonic Phase Array Tomography. IEEE Transactions on Industrial Electronics, 2022, 69, 13706-13715.	7.9	3
7	Intracranial Hemorrhage Detection by Open MIT Sensor Array. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	4.7	5
8	Oil–Water Two-Phase Flow Volume Fraction Measurement Based on Nonlinear Ultrasound Technique. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	4.7	2
9	3-D Reconstruction of Bubble Flow Field Based on the Method of Multivision by Rough-Precise Location Algebraic Reconstruction Technique. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	4.7	0
10	Phase fraction measurement of oil–gas–water three-phase flow with stratified gas by ultrasound technique. Measurement Science and Technology, 2022, 33, 075302.	2.6	5
11	Tomographic pulse wave ultrasonic Doppler method for cross-sectional velocity distribution imaging of dispersed oil-water two-phase flow. Experiments in Fluids, 2022, 63, 1.	2.4	1
12	Applications of tomography in multiphase transportation. , 2022, , 625-646.		0
13	Multi-frequency ultrasound tomography based on modified matrix regularization method and wavelet fusion. Measurement Science and Technology, 2022, 33, 084008.	2.6	4
14	Dynamic Behavior Analysis Based Process State Monitoring for Gas-liquid Two Phase Flow in Horizontal Pipe. , 2022, , .		0
15	Improved Amplitude Extraction Method for Attenuation Reconstruction of Transmissive Ultrasonic Tomography. , 2022, , .		1
16	Flow State Characterization of Horizontal Oil-gas-water Three-phase flow Using Independent Slow and Steady Feature Analysis. , 2022, , .		0
17	An FPGA-Based Multifrequency EIT System With Reference Signal Measurement. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	11
18	An Electrical and Ultrasonic Doppler System for Industrial Multiphase Flow Measurement. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	13

#	Article	IF	Citations
19	Doppler spectrum analysis and flow pattern identification of oil-water two-phase flow using dual-modality sensor. Flow Measurement and Instrumentation, 2021, 77, 101861.	2.0	19
20	Nonstationary Image Reconstruction in Ultrasonic Transmission Tomography Using Kalman Filter and Dimension Reduction. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	20
21	Conductance Sensors for Multiphase Flow Measurement: A Review. IEEE Sensors Journal, 2021, 21, 12913-12925.	4.7	43
22	Landweber Iterative Image Reconstruction Method Incorporated Deep Learning for Electrical Resistance Tomography. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	20
23	Electrical Resistance Tomography Image Reconstruction With Densely Connected Convolutional Neural Network. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	36
24	Combined Planar Magnetic Induction Tomography for Local Detection of Intracranial Hemorrhage. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	10
25	Measurement of Particle Concentration by Multifrequency Ultrasound Attenuation in Liquid–Solid Dispersion. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 843-853.	3.0	7
26	Flow Regimes Identification-based Multidomain Features for Gas–Liquid Two-Phase Flow in Horizontal Pipe. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	10
27	Sensor Instrumentation for Flow Measurement. , 2021, , .		1
28	Ultrasound Phase Array Tomography for Biphasic Medium Distribution Imaging Using Synthetic Aperture Beam Scanning. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	2
29	RCRC: A Deep Neural Network for Dynamic Image Reconstruction of Electrical Impedance Tomography. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	19
30	A Modular Magnetic Induction Tomography System for Low-Conductivity Medium Imaging. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	4.7	12
31	Particle Size Characterization in Liquid–Solid Dispersion With Aggregates by Broadband Ultrasound Attenuation. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	4
32	Multifrequency Ultrasonic Tomography for Oil–Gas–Water Three-Phase Distribution Imaging Using Transmissive Attenuation Spectrum. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	7
33	Flow status identification based on multiple slow feature analysis of gas–liquid two-phase flow in horizontal pipes. Measurement Science and Technology, 2021, 32, 055301.	2.6	9
34	Quantitative Sound Velocity Reconstruction Based on Ultrasonic Tomography. , 2021, , .		1
35	Gas-liquid two-phase flow pattern identification by differential pressure and ultrasonic echoes. , 2021, , .		2
36	Planar MIT Sensor Array with Gradiometers for Local Hemorrhage Detection. , 2021, , .		3

#	ARTICLE	IF	CITATIONS
37	Generative Data Augmentation for Learning-based Electrical Impedance Tomography via Variational Autoencoder. , 2021, , .		2
38	B-mode ultrasound images guided electrical impedance tomography image reconstruction via Cross Gradient. , 2021, , .		2
39	Multiple Weighted Frequency-difference Method for Electrical Impedance Tomography. , 2021, , .		0
40	Multi-sensor Signal Statistical Feature Processing Method for Status Monitoring of Gas-Water Two-Phase Flow in Horizontal Pipe. , 2021, , .		0
41	Ultrasound Attenuation Analysis of Liquid-Solid Mixtures with Multi-Frequency Ultrasound Excitation. , 2021, , .		0
42	Slow and Steady Feature Analysis Based Status Monitoring for Gas-liquid Two-phase Flow in Horizontal Pipe. , 2021, , .		0
43	Flow Regimes Identification of Gas-Water Two-Phase Flow Using Conductance and Continuous Wave Ultrasonic Doppler Sensors. , 2021, , .		0
44	Finite-Element Modeling of Biological Tissue Response to Focused Ultrasound with Different Intensity. , 2021, , .		1
45	Piecewise constant level-set enhanced active shape reconstruction for electrical impedance tomography. Measurement: Journal of the International Measurement Confederation, 2021, 177, 109335.	5.0	5
46	Flow state monitoring of gas-water two-phase flow using multi-Gaussian mixture model based on canonical variate analysis. Flow Measurement and Instrumentation, 2021, 79, 101904.	2.0	5
47	Three-Dimensional Reconstruction of Dilute Bubbly Flow Field With Light-Field Images Based on Deep Learning Method. IEEE Sensors Journal, 2021, 21, 13417-13429.	4.7	11
48	Multi-objective optimization design of cement grate cooler control system based on improved long short-term memory network. Transactions of the Institute of Measurement and Control, 2021, 43, 3399-3412.	1.7	2
49	Gas-Liquid Two-Phase Stratified Flow Interface Reconstruction With Sparse Batch Normalization Convolutional Neural Network. IEEE Sensors Journal, 2021, 21, 17076-17084.	4.7	12
50	Coplanar electrical/ultrasonic dual-modality tomography for water continuous gas/oil/water three-phase distribution imaging. Measurement Science and Technology, 2021, 32, 124004.	2.6	7
51	Imaging depth adaptive resolution enhancement for optical coherence tomography via deep neural network with external attention. Physics in Medicine and Biology, 2021, 66, 195006.	3.0	1
52	Computational Focusing Sensor: Enhancing Spatial Resolution of Electrical Impedance Tomography in Region of Interest. IEEE Sensors Journal, 2021, 21, 19101-19111.	4.7	5
53	Ultrasonic Doppler Technique for Application to Multiphase Flows: A Review. International Journal of Multiphase Flow, 2021, 144, 103811.	3.4	63
54	Horizontal oil-water two-phase flow characterization and identification with pulse-wave ultrasonic Doppler technique. Chemical Engineering Science, 2021, 246, 117015.	3.8	8

#	Article	IF	Citations
55	Oil Fraction Measurement of Nonuniform Dispersed Oilâ€"Water Two-Phase Flow Based on Ultrasonic Attenuation. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	5
56	Multi-frequency fusion ultrasonic tomography for gasâ€"liquid two-phase distribution imaging. Measurement Science and Technology, 2021, 32, 024005.	2.6	2
57	Electrical Resistance Tomography Image Reconstruction Based on Res2net4 Network. , 2021, , .		0
58	Oil-gas-water Three-phase Flow Regimes Identification Based on Flow Characterization in Time-frequency Domain. , 2021, , .		0
59	Flow pattern identification of gas-liquid two-phase flow using dual-modality sensor. , 2021, , .		0
60	Oil-gas-water Three-phase Flow Status Identification and Monitoring based on Multi-Sensor Signal. , 2021, , .		1
61	Flow Status Monitoring for Oil-Gas-Water Three-Phase Flow via Slow and Steady Feature Analysis and Empirical Mode Decomposition. , 2021, , .		1
62	A Wideband Electrical Impedance Tomography System Based on Sensitive Bioimpedance Spectrum Bandwidth. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 144-154.	4.7	42
63	Continuous-wave ultrasonic tomography for oil/water two-phase flow imaging using regularized weighted least square framework. Transactions of the Institute of Measurement and Control, 2020, 42, 666-679.	1.7	7
64	Real-Time Reconstruction for Low Contrast Ultrasonic Tomography Using Continuous-Wave Excitation. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 1632-1642.	4.7	15
65	Nonlinear Ultrasonic Transmissive Tomography for Low-Contrast Biphasic Medium Imaging Using Continuous-Wave Excitation. IEEE Transactions on Industrial Electronics, 2020, 67, 8878-8888.	7.9	16
66	A Two-Stage Deep Learning Method for Robust Shape Reconstruction With Electrical Impedance Tomography. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 4887-4897.	4.7	86
67	An FPGA-based multi-frequency EIT system with reference signal measurement. , 2020, , .		3
68	Regularization Parameter considering Electric Field Attenuation for Electrical Resistance Tomography. , 2020, , .		0
69	An Inclusion Boundary and Conductivity Simultaneous Estimation Method for Ultrasound Reflection Guided Electrical Impedance Tomography. IEEE Sensors Journal, 2020, 20, 11578-11587.	4.7	2
70	Measurement of oil fraction in oil-water dispersed flow with swept-frequency ultrasound attenuation method. International Journal of Multiphase Flow, 2020, 133, 103444.	3.4	10
71	A Point Constrained Boundary Reconstruction Framework for Ultrasound Guided Electrical Impedance Tomography. IEEE Transactions on Computational Imaging, 2020, 6, 1336-1350.	4.4	7
72	Absolute reconstruction of Ultrasonic Tomography for oil-water biphasic medium imaging using modified ray-tracing technique. Measurement: Sensors, 2020, 7-9, 100023.	1.7	3

#	Article	IF	Citations
73	A Fast Inclusion Boundary Reconstruction Framework for Electrical Impedance Tomography With Parametric Snake Model. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 7606-7616.	4.7	6
74	Dual-Modality Tomography by ERT and UTT Projection Sorting Algorithm. IEEE Sensors Journal, 2020, 20, 5415-5423.	4.7	8
75	Wide Angle Ultrasonic Transmission Tomography by Sparse Preimaged OMP Algorithm. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 6262-6270.	4.7	9
76	Amplitude Modulation Method for Acoustic Radiation Force Impulse Excitation. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2429-2438.	4.7	3
77	Using Time-Series Videos to Quantify Methane Bubbles Flux from Natural Cold Seeps in the South China Sea. Minerals (Basel, Switzerland), 2020, 10, 216.	2.0	17
78	Experimental Investigation of Liquid-solid Two- Phase flow with Electrical Resistance Tomography and Ultrasound Doppler. , 2020, , .		0
79	A Shape-Based Statistical Inversion Method for EIT/URT Dual-Modality Imaging. IEEE Transactions on Image Processing, 2020, 29, 4099-4113.	9.8	21
80	V-Net Deep Imaging Method for Electrical Resistance Tomography. IEEE Sensors Journal, 2020, 20, 6460-6469.	4.7	46
81	Correction to â€œA Two-Stage Deep Learning Method for Robust Shape Reconstruction With Electrical Impedance Tomographyâ€•[Jul 20 4887-4897]. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9284-9284.	4.7	2
82	A Robust Inclusion Boundary Reconstructor for Electrical Impedance Tomography With Geometric Constraints. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 762-773.	4.7	51
83	A Bilateral Constrained Image Reconstruction Method Using Electrical Impedance Tomography and Ultrasonic Measurement. IEEE Sensors Journal, 2019, 19, 9883-9895.	4.7	16
84	A fast hybrid regularization method for Electrical Impedance Tomography based on Elastic-net optimization. , 2019, , .		0
85	Fault Diagnosis of Reciprocating Compressor Using Component Estimating Empirical Mode Decomposition and De-Dimension Template With Double-Loop Correction Algorithm. IEEE Access, 2019, 7, 90630-90639.	4.2	4
86	Focusing Sensor Design for Open Electrical Impedance Tomography Based on Shape Conformal Transformation. Sensors, 2019, 19, 2060.	3.8	8
87	A Lagrange-Newton Method for EIT/UT Dual-Modality Image Reconstruction. Sensors, 2019, 19, 1966.	3.8	26
88	Electrical Resistance Tomography Image Reconstruction Based on Modified OMP Algorithm. IEEE Sensors Journal, 2019, 19, 5723-5731.	4.7	12
89	Gasâ€"Liquid Flow Pattern Analysis Based on Graph Connectivity and Graph-Variate Dynamic Connectivity of ERT. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1590-1601.	4.7	22
90	A fast iterative updated thresholding algorithm with sparsity constrains for electrical resistance tomography. Measurement Science and Technology, 2019, 30, 074001.	2.6	5

#	ARTICLE	IF	CITATIONS
91	3-D Hemorrhage Imaging by Cambered Magnetic Induction Tomography. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 2460-2468.	4.7	27
92	A Statistical Shape-Constrained Reconstruction Framework for Electrical Impedance Tomography. IEEE Transactions on Medical Imaging, 2019, 38, 2400-2410.	8.9	49
93	An Ultrasonic Transmission/Reflection Tomography System for Industrial Multiphase Flow Imaging. IEEE Transactions on Industrial Electronics, 2019, 66, 9539-9548.	7.9	63
94	L1-L2 Spatial Adaptive Regularization Method for Electrical Tomography. , 2019, , .		0
95	Amplitude Modulation Method for Acoustic Radiation Force Impulse Excitation. , 2019, , .		3
96	Nolinear Reconstruction for Liquid-liquid Two-phase Medium Ultrasonic Tomography. , 2019, , .		0
97	Analysis of Sensitivity Matrix for Electrical Resistance Tomography. , 2019, , .		0
98	Design of Ultrasonic Tomography System for Biomedical Imaging. , 2019, , .		3
99	Image Reconstruction Based on Regularized Weighted Least Square Framework for Low-Contrast Ultrasonic Tomography. , 2019, , .		3
100	Novel Approach of Electrical Impedance Tomography for Abdomen Lesion Imaging using Ultrasound Reflection Information. , 2019, , .		0
101	An Abdominal Imaging Method Combined Electrical with Ultrasound Tomography. , 2019, , .		0
102	Horizontal oil-water two-phase dispersed flow velocity profile study by ultrasonic doppler method. Experimental Thermal and Fluid Science, 2019, 102, 357-367.	2.7	18
103	Oil-gas-water three-phase flow characterization and velocity measurement based on time-frequency decomposition. International Journal of Multiphase Flow, 2019, 111, 219-231.	3.4	38
104	Image Reconstruction Based on Convolutional Neural Network for Electrical Resistance Tomography. IEEE Sensors Journal, 2019, 19, 196-204.	4.7	171
105	A Transformation-Domain Image Reconstruction Method for Open Electrical Impedance Tomography Based on Conformal Mapping. IEEE Sensors Journal, 2019, 19, 1873-1883.	4.7	14
106	Electricity generation from banana peels in an alkaline fuel cell with a Cu2O-Cu modified activated carbon cathode. Science of the Total Environment, 2018, 631-632, 849-856.	8.0	28
107	Dispersed Oilâ€"Water Two-Phase Flow Measurement Based on Pulse-Wave Ultrasonic Doppler Coupled With Electrical Sensors. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 2129-2142.	4.7	34
108	Multi-frequency difference method for intracranial hemorrhage detection by magnetic induction tomography. Physiological Measurement, 2018, 39, 055006.	2.1	19

#	ARTICLE	IF	CITATIONS
109	Structural Velocity Measurement of Gas–Liquid Slug Flow Based on EMD of Continuous Wave Ultrasonic Doppler. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 2662-2675.	4.7	16
110	Measurement of Oil–Water Two-Phase Flow Phase Fraction With Ultrasound Attenuation. IEEE Sensors Journal, 2018, 18, 1150-1159.	4.7	38
111	Continuous Wave Ultrasonic Doppler Modeling for Oil–Gas–Water Three-Phase Flow Velocity Measurement. IEEE Sensors Journal, 2018, 18, 3703-3713.	4.7	17
112	Local characteristic of horizontal air–water two-phase flow by wire-mesh sensor. Transactions of the Institute of Measurement and Control, 2018, 40, 746-761.	1.7	8
113	Inclusion boundary reconstruction and sensitivity analysis in electrical impedance tomography. Inverse Problems in Science and Engineering, 2018, 26, 1037-1061.	1.2	38
114	A fast ERT system modification based on compressed sensing algorithm. , 2018, , .		1
115	Sensitivity Comparison of a Cambered Magnetic Induction Tomography for Local Hemorrhage Detection. , 2018, , .		7
116	Ultrasonic testing on interface information of human abdominal organs. , 2018, , .		0
117	Velocity Profile of Dispersed Oil-Water Two-Phase Flow in Horizontal Pipe Based on Ultrasonic Doppler. , 2018, , .		0
118	Oil-water two-phase flow velocity measurement with Continuous wave ultrasonic Doppler. Journal of Physics: Conference Series, 2018, 1065, 092019.	0.4	2
119	Numerical Analysis of Biological Ultrasound Tomography in Human Abdomen Model Using Continuous Wave Exciting. , 2018, , .		2
120	Difference sensitivity matrix constructed for ultrasound modulated electrical resistance tomography. Measurement Science and Technology, 2018, 29, 104005.	2.6	4
121	Sensitivity-Controlled Electrical Impedance Tomography for Abdomen Lesion Imaging. , 2018, , .		1
122	Gas-water two-phase flow pattern recognition based on ERT and ultrasound Doppler. , 2018, , .		5
123	On the feasibility of multi-characteristic parameter imaging of tissues. , 2018, , .		0
124	Numerical Analysis of Ultrasound Tomography and Frequency Optimization in Human Abdomen Model. , 2018, , .		2
125	An augmented Lagrangian trust region method for inclusion boundary reconstruction using ultrasound/electrical dual-modality tomography. Measurement Science and Technology, 2018, 29, 074008.	2.6	6
126	Liquid distribution and hold-up measurement in counter current flow packed column by electrical capacitance tomography. Chemical Engineering Journal, 2018, 353, 519-532.	12.7	26

#	Article	IF	Citations
127	A complete sensor model for miniscopic electrical impedance tomography. , 2018, , .		2
128	Wideband chirp excitation source for bioelectrical impedance spectrum tomography. , 2018, , .		2
129	Energy extraction from seaweed under low temperatures by using an alkaline fuel cell. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 2107-2115.	2.3	3
130	Optimization of Dual Frequency-Difference MIT Sensor Array Based on Sensitivity and Resolution Analysis. IEEE Access, 2018, 6, 34911-34920.	4.2	14
131	Influencing factors on abdomen lesion detection using electrical impedance tomography. , 2018, , .		3
132	A new regularization algorithm based on the neighborhood method for electrical impedance tomography. Measurement Science and Technology, 2018, 29, 085401.	2.6	6
133	Fast photocatalytic degradation of dyes using low-power laser-fabricated Cu_2O–Cu nanocomposites. RSC Advances, 2018, 8, 20277-20286.	3.6	70
134	Influence of Lesions in Human Abdomen on Ultrasonic Echo Signal. , 2018, , .		1
135	Mechanism modeling for phase fraction measurement with ultrasound attenuation in oil–water two-phase flow. Measurement Science and Technology, 2017, 28, 035304.	2.6	14
136	Linearized image reconstruction method for ultrasound modulated electrical impedance tomography based on power density distribution. Measurement Science and Technology, 2017, 28, 045404.	2.6	8
137	Adaptive Kalman Estimation of Phase Holdup of Water-Continuous Oil-Water Two-Phase Flow. IEEE Access, 2017, 5, 3569-3579.	4.2	2
138	An Instrumental Electrode Configuration for 3-D Ultrasound Modulated Electrical Impedance Tomography. IEEE Sensors Journal, 2017, 17, 8206-8214.	4.7	4
139	Design of current source for multi-frequency simultaneous electrical impedance tomography. Review of Scientific Instruments, 2017, 88, 094709.	1.3	14
140	Analysis of focusing characteristics for phased array used in acousto-electric effect. , 2017, , .		0
141	Ultrasound modulated electrical impedance tomography by contrast libraries of measurements variation. , 2017, , .		2
142	Effect of inter-tissue inductive coupling on multi-frequency imaging of intracranial hemorrhage by magnetic induction tomography. Measurement Science and Technology, 2017, 28, 084001.	2.6	16
143	Bubble-Forming Regime Identification Based on Image Textural Features and the MCWA Feature Selection Method. IEEE Access, 2017, 5, 15820-15830.	4.2	7
144	Method of Tikhonov regularization for weighted frequency-difference electrical impedance tomography. , 2017, , .		4

#	Article	IF	Citations
145	An adaptive local weighted image reconstruction algorithm for EIT/UTT dual-modality imaging. , 2017, , .		6
146	Velocity measurement of oil-water two-phase flow based on Ultrasonic Doppler. , 2017, , .		4
147	A method of spatially adaptive Lp regularization for electrical tomography. , 2017, , .		2
148	Numerical and experimental analysis of ultrasound attenuation in oil-water two-phase flow. , 2017, , .		1
149	Numerical simulations of electric and acoustic fields in human abdomen models. , 2017, , .		2
150	Brain tissue based sensitivity matrix in hemorrhage imaging by magnetic induction tomography. , 2017, , .		5
151	Gasâ€"Liquid Two-Phase Flow Velocity Measurement With Continuous Wave Ultrasonic Doppler and Conductance Sensor. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 3064-3076.	4.7	38
152	Tissue Acoustoelectric Effect Modeling From Solid Mechanics Theory. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 1583-1590.	3.0	8
153	Ultrasound guided electrical impedance tomography for 2D free-interface reconstruction. Measurement Science and Technology, 2017, 28, 074003.	2.6	11
154	Tomographic Wire-Mesh Imaging of Water-Air Flow Based on Sparse Minimization. IEEE Sensors Journal, 2017, 17, 8187-8195.	4.7	11
155	An EIT image segmentation method based on projection distance minimization. , 2017, , .		2
156	A fast iterative P-thresholding algorithm for sparse reconstruction of electrical tomography. , 2017, , .		0
157	Construction of sensitivity matrix involving location information for ultrasound modulated electrical impedance tomography. , 2017, , .		1
158	A new regularization method for electrical impedance tomography. , 2017, , .		0
159	Oil-water Two-phase Flow Velocity Measurement Based on Ultrasonic Doppler Spectrum Correction. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2017, 53, 77.	0.5	0
160	Nano Copper Oxide-Modified Carbon Cloth as Cathode for a Two-Chamber Microbial Fuel Cell. Nanomaterials, 2016, 6, 238.	4.1	7
161	An extended L-curve method for choosing a regularization parameter in electrical resistance tomography. Measurement Science and Technology, 2016, 27, 114002.	2.6	21
162	An image reconstruction framework based on boundary voltages for ultrasound modulated electrical impedance tomography. Measurement Science and Technology, 2016, 27, 114003.	2.6	8

#	ARTICLE	IF	CITATIONS
163	Oilâ€"water two-phase flow measurement with combined ultrasonic transducer and electrical sensors. Measurement Science and Technology, 2016, 27, 125307.	2.6	19
164	Interface and permittivity simultaneous reconstruction in electrical capacitance tomography based on boundary and finite-elements coupling method. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150333.	3.4	2
165	Characterizing the correlations between local phase fractions of gasâ€"liquid two-phase flow with wire-mesh sensor. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150335.	3.4	10
166	A FPGA-based multi-frequency current source for biological EIT system. , 2016, , .		1
167	Flow velocity measurement based on ultrasonic cross-correlation technique in oil-water two-phase flow. , 2016, , .		3
168	Sensitivity matrix for ultrasound modulated electrical impedance tomography. , 2016, , .		3
169	Closed interface shape characterization methods based on wavelet transform. , 2016, , .		0
170	Simulation study of electrodes optimization design of power density imaging. , 2016, , .		1
171	An on-line adaptive estimation method for water holdup measurement in oilâ€"water two-phase flow with a conductance/capacitance sensor. Measurement Science and Technology, 2016, 27, 074001.	2.6	10
172	An adaptive Tikhonov regularization parameter choice method for electrical resistance tomography. Flow Measurement and Instrumentation, 2016, 50, 1-12.	2.0	37
173	Oilâ€"water two-phase flow pattern analysis with ERT based measurement and multivariate maximum Lyapunov exponent. Journal of Central South University, 2016, 23, 240-248.	3.0	22
174	A dual-band flame detector based on video. Optik, 2016, 127, 478-483.	2.9	2
175	Measuring Oilâ€"Water Two-Phase Flow Velocity With Continuous-Wave Ultrasound Doppler Sensor and Drift-Flux Model. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 1098-1107.	4.7	38
176	Analysis of response for magnetic induction tomography with internal source. Measurement: Journal of the International Measurement Confederation, 2016, 78, 260-277.	5.0	7
177	A spatially adaptive total variation regularization method for electrical resistance tomography. Measurement Science and Technology, 2015, 26, 125401.	2.6	30
178	Characterization of oilâ€"water two-phase pipe flow with a combined conductivity/capacitance sensor and wavelet analysis. Chemical Engineering Science, 2015, 134, 153-168.	3.8	46
179	Sensitivity matrix construction based on ultrasound modulation for electrical resistance tomography. , 2015, , .		1
180	A modified L-curve method for choosing regularization parameter in electrical resistance tomography. , 2015, , .		12

#	Article	IF	Citations
181	Measurement of phase fraction in oil-water two-phase flow using ultrasound attenuation method. , 2015, , .		2
182	Gas-water two-phase flow characterization with ERT and multivariate MLE. , 2015, , .		0
183	Water holdup measurement of oil-water two-phase flow based on KPLS regression. , 2015, , .		1
184	Dimensionality reduced simultaneous iterative reconstruction technique for electrical resistance tomography. Flow Measurement and Instrumentation, 2015, 46, 284-291.	2.0	15
185	A Kalman estimation based oilâ€"water two-phase flow measurement with CRCC. International Journal of Multiphase Flow, 2015, 72, 306-317.	3.4	31
186	Reconstructing the Phase Distribution Within an Annular Channel by Electrical Resistance Tomography. Heat Transfer Engineering, 2015, 36, 1053-1064.	1.9	8
187	Design of a Conductance and Capacitance Combination Sensor for water holdup measurement in oilâ€"water two-phase flow. Flow Measurement and Instrumentation, 2015, 46, 218-229.	2.0	50
188	Oilâ€"water two-phase flow velocity measurement with continuous wave ultrasound Doppler. Chemical Engineering Science, 2015, 135, 155-165.	3.8	44
189	Frequency identification for MIT detection of EEG based on wavelet energy. , 2015, , .		0
190	Water continuous oil-water flow velocity measurement based on continuous waves ultrasonic doppler method. , 2015, , .		1
191	Ultrasound attenuation characteristics in oil-water two-phase flow. , 2015, , .		2
192	A wire-mesh sensor for air-water two-phase flow imaging. , 2015, , .		3
193	A hybrid regularization method combining Tikhonov with total variation for electrical resistance tomography. Flow Measurement and Instrumentation, 2015, 46, 268-275.	2.0	45
194	Electrical Resistance Tomography system with long-distance data transmission function. , 2015, , .		0
195	Gasâ€"water two-phase flow characterization with Electrical Resistance Tomography and Multivariate Multiscale Entropy analysis. ISA Transactions, 2015, 55, 241-249.	5.7	37
196	An L_qâ€"L_p optimization framework for image reconstruction of electrical resistance tomography. Measurement Science and Technology, 2014, 25, 125402.	2.6	16
197	A fast sparse reconstruction algorithm for electrical tomography. Measurement Science and Technology, 2014, 25, 085401.	2.6	21
198	Performance evaluation and structure optimization of an inner-outer electrical resistance tomography sensor. , 2014, , .		3

#	Article	IF	Citations
199	A 3D coordinate location method based on single camera. , 2014, , .		2
200	A Conductance Ring Coupled Cone Meter for Oil-Water Two-Phase Flow Measurement. IEEE Sensors Journal, 2014, 14, 1244-1252.	4.7	25
201	Reconstruction of the three-dimensional inclusion shapes using electrical capacitance tomography. Measurement Science and Technology, 2014, 25, 025403.	2.6	21
202	Experimental on two sensors combination used in horizontal pipe gas-water two-phase flow. , 2014, , .		0
203	Flow field simulation of gas-water two phase flow in annular channel. , 2014, , .		0
204	Transmission-mode ultrasonic measurement for gas bubble detection. , 2014, , .		0
205	Fast flow regime recognition method of gas/water two-phase flow based on extreme learning machine. , 2013, , .		2
206	Horizontal oil–water two-phase flow measurement with information fusion of conductance ring sensor and cone meter. Flow Measurement and Instrumentation, 2013, 34, 83-90.	2.0	28
207	Gas-water two-phase flow pattern characterization with Multivariate Multiscale Entropy. , 2013, , .		1
208	An adaptive total variation regularization method for electrical resistance tomography. , 2013, , .		3
209	Sparse regularization for small objects imaging with electrical resistance tomography. , 2013, , .		2
210	Response of the excitation condition to electromagnetic tomography. Flow Measurement and Instrumentation, 2013, 31, 10-18.	2.0	17
211	Experimental and numerical design of a long-waist cone flow meter. Sensors and Actuators A: Physical, 2013, 199, 9-17.	4.1	18
212	3D reconstruction of single rising bubble in water using digital image processing and characteristic matrix. Particuology, 2013, 11, 170-183.	3.6	30
213	Reconstructing the geometric configuration of three dimensional interface using electrical capacitance tomography. International Journal for Numerical Methods in Engineering, 2013, 96, 628-644.	2.8	17
214	Design and Application of Self-Adaptive Controller Based on Q Series PLC. Advanced Materials Research, 2013, 694-697, 2134-2138.	0.3	0
215	Mass Flow Rate Measurement of Oil-Water Two-Phase Flow by a Long-Waist Cone Meter. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 2795-2804.	4.7	28
216	Phase detection for conductivity based on electromagnetic measurement system. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
217	Parameters Measurement for Multiphase Flow Process. Zidonghua Xuebao/Acta Automatica Sinica, 2013, 39, 1923.	0.3	16
218	An Improved Total Variation Regularization Method for Electrical Resistance Tomography. Lecture Notes in Electrical Engineering, 2013, , 603-610.	0.4	1
219	Design of internal structures of conductance sensors for gas-water two-phase flow measurement. , 2012, , .		0
220	A PXI based operating-strategy-configurable ERT for gas-water horizontal flow regime identification. , 2012, , .		0
221	Investigation on pressure-tapping methods of long waist cone flow meter using CFD simulation. , 2012, , .		1
222	Action potential initial mechanism control of a minimum model response to constant and sinusoidal stimulus. , 2012, , .		0
223	Change excitability of Morris-Lecar model via physiological bifurcation control. , 2012, , .		0
224	A simulation experimental system of multiphase pipe flow. , 2012, , .		1
225	Comparison of calibration methods for bubbly flow video image. , 2012, , .		2
226	Effect of sensing field distribution for EMT basing on sensitivity. , 2012, , .		1
227	Annular field-focusing capacitance sensor for visualization of the two phase flows. , 2012, , .		1
228	Dual-modality data acquisition system based on CPCI industrial computer. , 2012, , .		4
229	Synchronization between outputs of neurons and neuron populations with discrete control algorithm basing on least-square method. , 2012, , .		0
230	Cross Correlation Based Dispersed Phase Velocity Profile Measurement of Two-Phase Pipe Flow. , 2012, , .		0
231	UKF-based state feedback control of abnormal neural oscillations in demyelination symptom. , 2012, , .		0
232	A boundary element approach to estimate the free surface in stratified two-phase flow. Measurement Science and Technology, 2012, 23, 105401.	2.6	7
233	Analysis of constant-current characteristics for current sources. , 2012, , .		8
234	Bifurcation control design for simplified HH neuron model: A physiological approach. , 2012, , .		0

#	Article	IF	Citations
235	Two phase flow visualization in an annular tube by an Electrical Resistance Tomography. , 2012, , .		1
236	A LabVIEW based software for online identification of gas-water two-phase flow regime. , 2012, , .		0
237	Application of PLC for arranging bottle in Beer filling production line. , 2012, , .		4
238	Design of Parallel Electrical Resistance Tomography System for Measuring Multiphase Flow. Chinese Journal of Chemical Engineering, 2012, 20, 368-379.	3.5	67
239	Reconstruction of rising bubble with digital image processing method. , 2011, , .		5
240	Wavelet packet entropy feature extraction and characteristics analysis for gas/liquid two-phase flow regimes. , 2011, , .		0
241	Extraction of bubble shape parameters in two-phase flow based on digital image processing. , 2011, , .		0
242	A kind of Electrical Resistance Tomography system. , 2011, , .		0
243	Improved Correlation for the Volume of Bubble Formed in Air-Water System. Chinese Journal of Chemical Engineering, 2011, 19, 529-532.	3.5	8
244	Simulation of excitation strategy for electromagnetic tomography system. , 2011, , .		0
245	Data acquisition system based on CompactPCI bus and FPGA for electrical resistance tomography. , 2011, , .		4
246	Simulation of sensing field for electromagnetic tomography system. , 2011, , .		0
247	Boundary reconstruction of completely conductive inclusions by Electrical resistance tomography. , 2011, , .		0
248	PSO-SVM model for gas/liquid two-phase flow regime recognition. , 2011, , .		0
249	A method of measuring two phase flow based on segmented capacitance electrodes. , 2011, , .		3
250	High-precision electrical resistance tomography with external and internal electrode arrays. , 2011, , .		4
251	Data fusion for measurement of water holdup in horizontal pipes by conductivity rings. , 2011, , .		4
252	Characteristic of vertical multi-electrode conductance sensor array in two-phase flow measurement. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
253	Determining the boundary of inclusions with known conductivities using a Levenbergâ€"Marquardt algorithm by electrical resistance tomography. Measurement Science and Technology, 2011, 22, 104005.	2.6	12
254	Electrical resistance tomography system based on CompactPCI for multiphase flow measurement. , 2011, , .		3
255	Distributed arithmetic FIR filter for electrical resistance tomography system. , 2011, , .		2
256	A new double frequency exciting mode for the electromagnetic flowmeter. , 2011, , .		0
257	Electrical resistance tomography for locating inclusions using analytical boundary element integrals and their partial derivatives. Engineering Analysis With Boundary Elements, 2010, 34, 876-883.	3.7	30
258	Separation of Gasâ€"Liquid Two-Phase Flow Through Independent Component Analysis. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 1294-1302.	4.7	16
259	Galerkin boundary element method for the forward problem of ERT. Flow Measurement and Instrumentation, 2010, 21, 172-177.	2.0	8
260	High GVF and low pressure gasâ€"liquid two-phase flow measurement based on dual-cone flowmeter. Flow Measurement and Instrumentation, 2010, 21, 410-417.	2.0	34
261	Modification to mass flow rate correlation in oilâ€"water two-phase flow by a V-cone flow meter in consideration of the oilâ€"water viscosity ratio. Measurement Science and Technology, 2010, 21, 045403.	2.6	16
262	A harmonic signal generator based on DDS and SOPC. , 2010, , .		4
263	A soft-sensing method of gas/liquid mass flow- rate based on hybrid feedback (HF) Elman wavelet neural network. , 2010, , .		0
264	Characteristic Analysis of Gas/Liquid Two-Phase Flow Regimes Based on Wavelet Packet Entropy. , 2010, , .		3
265	Cross correlation velocity of oil-water two-phase flow by a Dual-plane Electrical Resistance Tomography system. , 2010, , .		6
266	Moving Character Observation of Bubble Rising in Vertical Gas-Liquid Two-Phase Flow. , 2010, , .		1
267	Flow Rate Measurement of Oilâ^•Gasâ^•Water Three-Phase Flow with V-Cone Flow Meter. , 2010, , .		1
268	A measurement method of slug flow velocity of gas-liquid two-phase flow in horizontal pipe. , 2010, , .		3
269	Cyclostationarity in electrical resistance tomography data from gas/liquid two-phase flow. , 2010, , .		4
270	Application of electrical resistance tomography for slug flow measurement in gas/liquid flow of horizontal pipe. , 2009, , .		6

#	Article	IF	Citations
271	Robust output regulation of single-switch quadratic buck converter using internal model. , 2009, , .		0
272	Conductance probe for the measurement of liquid volume fraction and axial velocity in gas-liquid two phase flow. , 2009, , .		9
273	Introducing conditional integrator to sliding mode control of DC/DC buck converter. , 2009, , .		2
274	Cross-section system and V-cone meter fusion in plug flow measurement. , 2009, , .		3
275	Independent component analysis of the interface fluctuations of gas/liquid two-phase flow. , 2009, , .		1
276	Gas-Water Two-Phase Flow Regime Recognition with Data and Feature Fusion from a Dual-Plane ERT System. , 2009, , .		3
277	Simulative Measurement on Conductivity and Permeability Distribution in Sensing Field of Electromagnetic Tomography. , 2009, , .		2
278	Independent component analysis of interface fluctuation of gas/liquid two-phase flows â€" experimental study. Flow Measurement and Instrumentation, 2009, 20, 220-229.	2.0	9
279	Gas/Liquid Two-Phase Flow Regime Recognition by Combining the Features of Shannon's Entropy with the Improved Elman Network. , 2009, , .		0
280	Mass flow rate measurement of Gas/liquid two-phase flow in horizontal pipe based on V-cone flow meter and adaptive wavelet network. , 2009, , .		4
281	Coefficient of Variation Based Analysis of Coherence Resonance in Hodgkin-Huxley Neuron Model. , 2009, , .		0
282	A Effective Image Matching Method for Bubbly Flow Based on Wavelet Transform. , 2009, , .		0
283	Oil-water two-phase flow measurement with a V-cone meter in a horizontal pipe. , 2009, , .		1
284	Geometric method for bubble volume computing based on high-speed image. , 2009, , .		0
285	Gas-water two-phase flow regime identification with feature fusion from an ERT system and a V-cone meter. , 2009, , .		7
286	Image features extraction of gas/liquid two-phase flow in horizontal pipeline by GLCM and GLGCM. , 2009, , .		13
287	Robust complete synchronization of electrical coupling neurons under uncertain heterogeneous disturbances using adaptive internal model. , 2009, 2009, 3457-60.		0
288	Gas/Liquid Two-Phase Flow Regime Recognition Based on Adaptive Wavelet-Based Neural Network. , 2008, , .		2

#	ARTICLE	IF	CITATIONS
289	Gas/liquid two-phase flow regime recognition by combining the features of wavelet transform energy with the improved Elman network. , 2008, , .		0
290	Track of rising bubble in bubbling tower based on image processing of high-speed video. , 2008, , .		5
291	Chaos synchronization of coupled neurons under external electrical stimulation using adaptive Hâˇž control. Transactions of the Institute of Measurement and Control, 2008, 30, 225-238.	1.7	1
292	An Evaluation Method for Reconstructed Images in Electrical Tomography. , 2008, , .		5
293	Global synchronization of N neurons in external electrical stimulation via active control. , 2008, 2008, 2485-8.		0
294	Application of D-S evidence theory in flow regime identification of two-phase horizontal pipe flow. , 2008, , .		2
295	An analysis of EEG when acupuncture with wavelet entropy. , 2008, 2008, 1108-11.		5
296	Inhibitory chemical coupling of electronic Morris-Lecar neuron model and its bifurcation analysis. , 2008, 2008, 2461-4.		1
297	Simulative Design of Electromagnetic Tomography Sensor on Double-Frequency Excitation Mode. , 2008, , .		1
298	Regime recognition of two-phase pipe flow based on D-S evidence theory. , 2008, , .		2
299	Simulative investigation on sensing field and optimum configuration of electromagnetic tomography sensor array. Proceedings of SPIE, 2008, , .	0.8	0
300	Mass flow-rate measurement of oil-water two-phase flow based on differential pressure and adaptive wavelet network. , 2008, , .		2
301	Study of the Gas-Liquid Two-Phase Flow Measuring Method Based on the V-Cone Flow Meter. AIP Conference Proceedings, 2007, , .	0.4	0
302	Gas-Liquid Two-Phase Flow Measurement with Dual-Plane ERT System in Vertical Pipes. AIP Conference Proceedings, 2007, , .	0.4	2
303	Optimization Design of Sensor in Electromagnetic Tomography System. AIP Conference Proceedings, 2007, , .	0.4	0
304	An Image Reconstruction Algorithm Based on Regularization Optimization for Process Tomography. , 2007, , .		4
305	Design of High Speed Cross Section Measurement System and its Real-Time Performance Analysis. , 2007, , .		1
306	Optimization Design of Electrical Resistance Tomography Data Acquisition System. , 2007, , .		4

#	ARTICLE	IF	CITATIONS
307	Multiscaled Texture Synthesis Using Multisized Pixel Neighborhoods. IEEE Computer Graphics and Applications, 2007, 27, 41-47.	1.2	12
308	Bifurcation Analysis of the Hodgkin-Huxley Model Exposed to External DC Electric Field. , 2007, , .		4
309	Identification of gas/liquid two-phase flow regime through ERT-based measurement and feature extraction. Flow Measurement and Instrumentation, 2007, 18, 255-261.	2.0	97
310	Global Synchronization of Ghostburster Neurons Via Active Control. Lecture Notes in Computer Science, 2007, , 598-607.	1.3	0
311	Comparisons of Chemical Synapses and Gap Junctions in the Stochastic Dynamics of Coupled Neurons. Lecture Notes in Computer Science, 2007, , 254-263.	1.3	1
312	Distinguish Different Acupuncture Manipulations by Using Idea of ISI. Lecture Notes in Computer Science, 2007, , 264-273.	1.3	0
313	Development of Single Drive Electrode Electrical Resistance Tomography System. IEEE Transactions on Instrumentation and Measurement, 2006, 55, 1208-1214.	4.7	22
314	Two Methods for Measurement of Gas-Liquid Flows in Vertical Upward Pipe Using Dual-Plane ERT System. IEEE Transactions on Instrumentation and Measurement, 2006, 55, 1576-1586.	4.7	45
315	Feature Extraction Method for Gas/Liquid Two-Phase Flow Based on Wavelets Transform. , 2006, , .		5
316	Optimization Design on Sensing Field of Electromagnetic Tomography. , 2006, , .		2
317	Two-Phase Flow Regime Recognition in Horizontal Pipe Based on Positional Information of Measured Data of ERT. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2006, , .	0.0	4
318	Flowrate Measurement with Characteristic Value Cross-Correlation by Ert in Two-Phase Vertical Pipe Flows. , 2006, , .		5
319	The Study of a 2D Model and Image Reconstruction Algorithms Based on EIT System. , 2006, , .		5
320	Study on Wide-Range Turbine Flowmeter. , 2006, , .		2
321	Two-Phase Flow Measurement by Dual-Plane Ert System with Drift-Flux Model and Cross Correlation Thechnique. , 2006, , .		7
322	The Back-Projection Algorithm Based on Electric Lines of Force for Single Drive Electrode ERT. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2006, , .	0.0	0
323	Multi-Plane Electrical Resistance Tomography System Based on Parallel Data Acquisition Strategy. , 2006, , .		2
324	The Back-Projection Algorithm Based on Electric Lines of Force for Single Drive Electrode ERT. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2006, , .	0.0	0

#	ARTICLE	IF	CITATIONS
325	A novel ERT system based on DSP and CPLD. , 2005, , .		3
326	Application of dual-plane ERT system and cross-correlation technique to measure gasâ€"liquid flows in vertical upward pipe. Flow Measurement and Instrumentation, 2005, 16, 191-197.	2.0	52
327	Multi-parameter Hopf-bifurcation in HHM Model Exposed to ELF Electric Field. , 2005, 2005, 4646-9.		0
328	Chaotic Synchronization of Multi-neurons in External Electrical Stimulation. , 2005, 2005, 2103-6.		0
329	Structural optimization of dual-plane ERT electrode array. , 2005, , .		1
330	Gas/liquid two-phase flow regime identification in horizontal pipe using support vector machines. , 2005, , .		7
331	A method of two-phase flow recognition based on dynamic cluster in horizontal pipe. , 2005, , .		0
332	Realization of image reconstruction algorithms for ERT based on single drive electrode method. , 2005, , .		2
333	Void Fraction Measurement for Two-Phase Flow Using Electrical Resistance Tomography. Canadian Journal of Chemical Engineering, 2005, 83, 19-23.	1.7	3
334	On-Line Monitoring of Nonaxisymmetric Flow Profile With a Multielectrode Inductance Flowmeter. IEEE Transactions on Instrumentation and Measurement, 2004, 53, 1321-1326.	4.7	15
335	Application of electrical resistance tomography to two-phase pipe flow parameters measurement. Flow Measurement and Instrumentation, 2003, 14, 183-192.	2.0	110
336	On fluctuation of the dynamic differential pressure signal of Venturi meter for wet gas metering. Flow Measurement and Instrumentation, 2003, 14, 211-217.	2.0	43
337	Identification of two-phase flow regimes in horizontal, inclined and vertical pipes. Measurement Science and Technology, 2001, 12, 1069-1075.	2.6	54
338	The design of a dual-plane ERT system for cross correlation measurement of bubbly gas/liquid pipe flow. Measurement Science and Technology, 2001, 12, 1024-1031.	2.6	53
339	Optimum estimation of the mean flow velocity for the multi-electrode inductance flowmeter. Measurement Science and Technology, 2001, 12, 1139-1146.	2.6	30
340	Online monitoring of nonaxisymmetric flow profile with a multielectrode inductance flowmeter. , 0, , .		0
341	Application of electrical resistance tomography to identification two-phase flow regime. , 0, , .		3
342	Research on electrical resistance tomography and cross-correlation technique to measure the two-phase flows. , 0, , .		1

#	ARTICLE	IF	CITATIONS
343	Research on communication method of electrical resistance tomography system based on USB technique. , 0, , .		1
344	Electrical resistance tomography based on the single drive electrode method. , 0, , .		4
345	Two methods for measurement of gas-liquid flows in vertical upward pipe using dual-plane ERT system. , 0, , .		2
346	Development of Single Drive Electrode Electrical Resistance Tomography System. , 0, , .		0
347	A Fire Detecting Method for Video-Based Fire Detector. Advanced Materials Research, 0, 850-851, 537-540.	0.3	1