

Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

151
papers

2,041
citations

236925

25
h-index

289244

40
g-index

151
all docs

151
docs citations

151
times ranked

925
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A review on image reconstruction algorithms for electrical capacitance/resistance tomography. <i>Sensor Review</i> , 2016, 36, 429-445. | 1.8 | 155 |
| 2 | Development of a fan-beam TDLAS-based tomographic sensor for rapid imaging of temperature and gas concentration. <i>Optics Express</i> , 2015, 23, 22494. | 3.4 | 104 |
| 3 | An image reconstruction algorithm based on total variation with adaptive mesh refinement for ECT. <i>Flow Measurement and Instrumentation</i> , 2007, 18, 262-267. | 2.0 | 93 |
| 4 | Online Cross-Sectional Monitoring of a Swirling Flame Using TDLAS Tomography. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2018, 67, 1338-1348. | 4.7 | 79 |
| 5 | Reconstruction of Axisymmetric Temperature and Gas Concentration Distributions by Combining Fan-Beam TDLAS With Onion-Peeling Deconvolution. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2014, 63, 3067-3075. | 4.7 | 68 |
| 6 | Performance analysis of a digital capacitance measuring circuit. <i>Review of Scientific Instruments</i> , 2015, 86, 054703. | 1.3 | 62 |
| 7 | Electrical Capacitance Tomography for Sensors of Square Cross Sections Using Calderon's Method. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2011, 60, 900-907. | 4.7 | 56 |
| 8 | Measurement of nonuniform temperature and concentration distributions by combining line-of-sight tunable diode laser absorption spectroscopy with regularization methods. <i>Applied Optics</i> , 2013, 52, 4827. | 1.8 | 56 |
| 9 | Frequency-Division Multiplexing and Main Peak Scanning WMS Method for TDLAS Tomography in Flame Monitoring. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 9087-9096. | 4.7 | 56 |
| 10 | Image reconstruction technique of electrical capacitance tomography for low-contrast dielectrics using Calderon's method. <i>Measurement Science and Technology</i> , 2009, 20, 104027. | 2.6 | 46 |
| 11 | A High-Speed Digital Electrical Capacitance Tomography System Combining Digital Recursive Demodulation and Parallel Capacitance Measurement. <i>IEEE Sensors Journal</i> , 2017, 17, 6690-6698. | 4.7 | 46 |
| 12 | Bound states of solitons in a harmonic graphene-mode-locked fiber laser. <i>Photonics Research</i> , 2019, 7, 116. | 7.0 | 41 |
| 13 | Electrical capacitance tomography with a non-circular sensor using the dbar method. <i>Measurement Science and Technology</i> , 2010, 21, 015502. | 2.6 | 38 |
| 14 | A Digital Switching Demodulator for Electrical Capacitance Tomography. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2013, 62, 1025-1033. | 4.7 | 38 |
| 15 | Resolution-doubled one-dimensional wavelength modulation spectroscopy tomography for flame flatness validation of a flat-flame burner. <i>Applied Physics B: Lasers and Optics</i> , 2015, 120, 407-416. | 2.2 | 36 |
| 16 | Tunable diode laser absorption spectroscopy-based tomography system for on-line monitoring of two-dimensional distributions of temperature and H ₂ O mole fraction. <i>Review of Scientific Instruments</i> , 2016, 87, 013101. | 1.3 | 35 |
| 17 | Ion current sensing-based lean blowout detection for a pulse combustor. <i>Combustion and Flame</i> , 2017, 176, 263-271. | 5.2 | 34 |
| 18 | A WMS Based TDLAS Tomographic System for Distribution Retrievals of Both Gas Concentration and Temperature in Dynamic Flames. <i>IEEE Sensors Journal</i> , 2020, 20, 4179-4188. | 4.7 | 31 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Electrical impedance tomography with an optimized calculable square sensor. Review of Scientific Instruments, 2008, 79, 103710. | 1.3 | 30 |
| 20 | Relative Entropy Regularized TDLAS Tomography for Robust Temperature Imaging. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9. | 4.7 | 30 |
| 21 | A calculable sensor for electrical impedance tomography. Sensors and Actuators A: Physical, 2007, 140, 156-161. | 4.1 | 27 |
| 22 | Flame monitoring of a model swirl injector using 1D tunable diode laser absorption spectroscopy tomography. Measurement Science and Technology, 2017, 28, 054002. | 2.6 | 27 |
| 23 | Dual-Modality Electrical Tomography for Flame Monitoring. IEEE Sensors Journal, 2018, 18, 8847-8854. | 4.7 | 27 |
| 24 | A high-speed electrical impedance measurement circuit based on information-filtering demodulation. Measurement Science and Technology, 2014, 25, 075010. | 2.6 | 26 |
| 25 | Identification of Oil-Water Flow Patterns in a Vertical Well Using a Dual-Ring Conductance Probe Array. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 1249-1258. | 4.7 | 25 |
| 26 | Direct Image Reconstruction for Electrical Capacitance Tomography Using Shortcut D-Bar Method. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 483-492. | 4.7 | 24 |
| 27 | A Compact Laser Absorption Spectroscopy Tomographic System With Short Spectral Scanning Time and Adjustable Frame Rate. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 8226-8237. | 4.7 | 24 |
| 28 | Normalized least-square method for water hold-up measurement in stratified oil-water flow. Flow Measurement and Instrumentation, 2012, 27, 71-80. | 2.0 | 23 |
| 29 | Reconstruction of two-dimensional velocity distribution in scramjet by laser absorption spectroscopy tomography. Applied Optics, 2019, 58, 205. | 1.8 | 23 |
| 30 | Four-Terminal Imaging Using a Two-Terminal Electrical Impedance Tomography System. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 432-440. | 4.7 | 22 |
| 31 | Estimation of Combustion Temperature Field From the Electrical Admittivity Distribution Obtained by Electrical Tomography. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 6271-6280. | 4.7 | 22 |
| 32 | Multiple parameters ³ estimation in horizontal well logging using a conductance-probe array. Flow Measurement and Instrumentation, 2014, 40, 192-198. | 2.0 | 21 |
| 33 | Digital Recursive Demodulator Based on Kalman Filter. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 3138-3147. | 4.7 | 21 |
| 34 | Direct Image Reconstruction for 3-D Electrical Resistance Tomography by Using the Factorization Method and Electrodes on a Single Plane. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 999-1007. | 4.7 | 19 |
| 35 | A recursive least squares-based demodulator for electrical tomography. Review of Scientific Instruments, 2013, 84, 044704. | 1.3 | 19 |
| 36 | Integral inversion to Fraunhofer diffraction for particle sizing. Applied Optics, 2009, 48, 4842. | 2.1 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Direct image reconstruction for electrical capacitance tomography by using the enclosure method. Measurement Science and Technology, 2011, 22, 104001. | 2.6 | 18 |
| 38 | Direct recovery of the electrical admittivities in 2D electrical tomography by using Calderon's method and two-terminal/electrode excitation strategies. Measurement Science and Technology, 2013, 24, 074007. | 2.6 | 18 |
| 39 | Coil shape optimization of the electromagnetic flowmeter for different flow profiles. Flow Measurement and Instrumentation, 2014, 40, 256-262. | 2.0 | 18 |
| 40 | Iterative Reconstruction Algorithm for Electrical Capacitance Tomography Based on Calderon's Method. IEEE Sensors Journal, 2018, 18, 8450-8462. | 4.7 | 18 |
| 41 | L_1 -Norm-Based Reconstruction Algorithm for Particle Sizing. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 1395-1404. | 4.7 | 17 |
| 42 | Real-Time Imaging and Holdup Measurement of Carbon Dioxide Under CCS Conditions Using Electrical Capacitance Tomography. IEEE Sensors Journal, 2018, 18, 7551-7559. | 4.7 | 17 |
| 43 | A complex programmable logic device-based high-precision electrical capacitance tomography system. Measurement Science and Technology, 2013, 24, 074006. | 2.6 | 16 |
| 44 | An Agile Electrical Capacitance Tomography System With Improved Frame Rates. IEEE Sensors Journal, 2019, 19, 1416-1425. | 4.7 | 16 |
| 45 | A Reconfigurable Parallel Data Acquisition System for Tunable Diode Laser Absorption Spectroscopy Tomography. IEEE Sensors Journal, 2017, 17, 8215-8223. | 4.7 | 15 |
| 46 | Lean blowout detection for bluff-body stabilized flame. Fuel, 2020, 266, 117008. | 6.4 | 15 |
| 47 | An FPGA-Based On-Chip Neural Network for TDLAS Tomography in Dynamic Flames. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11. | 4.7 | 15 |
| 48 | Modified Landweber algorithm for robust particle sizing by using Fraunhofer diffraction. Applied Optics, 2014, 53, 6185. | 1.8 | 14 |
| 49 | Digital signal processor-based high-precision on-line Voigt lineshape fitting for direct absorption spectroscopy. Review of Scientific Instruments, 2014, 85, 123108. | 1.3 | 14 |
| 50 | Real-Time 3-D Imaging and Velocity Measurement of Two-Phase Flow Using a Twin-Plane ECT Sensor. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10. | 4.7 | 14 |
| 51 | 2D image reconstruction of a human chest by using Calderon's method and the adjacent current pattern. Journal of Instrumentation, 2013, 8, P03004-P03004. | 1.2 | 13 |
| 52 | Prediction of equivalence ratio in pulse combustor from ion current amplitude spectrum. Fuel, 2018, 218, 179-187. | 6.4 | 13 |
| 53 | FPGA-Based Real-Time Implementation of Temperature Measurement via Tunable Diode Laser Absorption Spectroscopy. IEEE Sensors Journal, 2018, 18, 2751-2758. | 4.7 | 12 |
| 54 | Signal Demodulation Methods for Electrical Tomography: A Review. IEEE Sensors Journal, 2019, 19, 9026-9035. | 4.7 | 12 |

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|----|--|-----|-----------|
| 55 | Image Reconstruction for Invasive ERT in Vertical Oil Well Logging. Chinese Journal of Chemical Engineering, 2012, 20, 319-328. | 3.5 | 11 |
| 56 | Noise Immune TDLAS Temperature Measurement Through Spectrum Shifting by Using a Mach-Zehnder Interferometer. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9. | 4.7 | 9 |
| 57 | A Fuzzy PID-Controlled Iterative Calderon's Method for Binary Distribution in Electrical Capacitance Tomography. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11. | 4.7 | 9 |
| 58 | 2D electrical capacitance tomography with sensors of non-circular cross sections using the factorization method. Measurement Science and Technology, 2011, 22, 114003. | 2.6 | 8 |
| 59 | Water cut measurement of oil-water flow in vertical well by combining total flow rate and the response of a conductance probe. Measurement Science and Technology, 2015, 26, 095306. | 2.6 | 8 |
| 60 | A Recursive Demodulator for Real-Time Measurement of Multiple Sinusoids. IEEE Sensors Journal, 2018, 18, 6281-6289. | 4.7 | 8 |
| 61 | Inverse Radon Method Based on Electrical Field Lines for Dual-Modality Electrical Tomography. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 8250-8260. | 4.7 | 8 |
| 62 | Particle size influence on effective permittivity of particle-gas mixture with particle clusters. Particuology, 2013, 11, 216-224. | 3.6 | 7 |
| 63 | Digital micro-mirror device-based detector for particle-sizing instruments via Fraunhofer diffraction. Applied Optics, 2015, 54, 5842. | 2.1 | 7 |
| 64 | Water holdup measurement of oil-water two-phase flow in a horizontal well using a dual-circle conductance probe array. Measurement Science and Technology, 2016, 27, 115101. | 2.6 | 7 |
| 65 | Particle sizing from Fraunhofer diffraction pattern using a digital micro-mirror device and a single photodiode. Powder Technology, 2018, 332, 351-358. | 4.2 | 7 |
| 66 | Retrieval of Phase and Temperature Distributions in Axisymmetric Flames From Phase-Modulated Large Lateral Shearing Interferogram. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12. | 4.7 | 7 |
| 67 | Sparse Zernike Fitting for Dynamic LAS Tomographic Images of Temperature and Water Vapor Concentration. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14. | 4.7 | 7 |
| 68 | Manchester code telemetry system for well logging using quasi-parallel inductive-capacitive resonance. Review of Scientific Instruments, 2014, 85, 074704. | 1.3 | 6 |
| 69 | Effects of water vapor addition on NO reduction of n-decane/air flames. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2020, 42, 1526-1540. | 2.3 | 6 |
| 70 | Ultra-Low Sampled and High Precision TDLAS Thermometry Via Artificial Neural Network. IEEE Photonics Journal, 2021, 13, 1-9. | 2.0 | 6 |
| 71 | m-resolution thickness distribution measurement of transparent glass films by using a multi-wavelength phase-shift extraction method in the large lateral shearing interferometer. Optics Express, 2019, 27, 2899. | 3.4 | 6 |
| 72 | The Study of a 2D Model and Image Reconstruction Algorithms Based on EIT System. , 2006, , . | | 5 |

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|----|---|-----|-----------|
| 73 | Electrical resistance tomography(ERT) by using an ECT sensor. , 2010, , . | | 5 |
| 74 | An adaptive algorithm for cross-correlation velocity measurement. , 2012, , . | | 5 |
| 75 | A chemi-ionization processing approach for characterizing flame flickering behavior. , 2015, , . | | 5 |
| 76 | Support-vector-regression-based prediction of water holdup in horizontal oil-water flow by using a bicircular conductance probe array. Flow Measurement and Instrumentation, 2017, 57, 64-72. | 2.0 | 5 |
| 77 | On-line fuel identification using optical sensing and Support Vector Machines technique. , 2009, , . | | 4 |
| 78 | A fast eddy current forward solver for EMT based on finite element method (FEM) and negligibly coupled field approximation. , 2011, , . | | 4 |
| 79 | Direct image reconstruction for 3D electrical resistance tomography by using the factorization method. , 2012, , . | | 4 |
| 80 | Laser spot center location by using the gradient-based and least square algorithms. , 2013, , . | | 4 |
| 81 | Compressive sensing-based wideband capacitance measurement with a fixed sampling rate lower than the highest exciting frequency. Measurement Science and Technology, 2016, 27, 035006. | 2.6 | 4 |
| 82 | Reconstruction of two-dimensional temperature distribution in swirling flames using TDLAS-based tomography. , 2017, , . | | 4 |
| 83 | Dynamic Characterization of Pulse Combustion by Image Series Processing. IEEE Sensors Journal, 2018, 18, 9682-9690. | 4.7 | 4 |
| 84 | Optimal selection of spectral lines for multispectral absorption tomography. Applied Physics B: Lasers and Optics, 2018, 124, 1. | 2.2 | 4 |
| 85 | Verification for Electrical Tomography in Flame Monitoring by Ion Probe. , 2019, , . | | 4 |
| 86 | A new simplified mechanism for combustion of RP-3/Jet-A kerosene. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2020, 42, 676-687. | 2.3 | 4 |
| 87 | Four-terminal scheme used in a two-terminal EIT system. , 2011, , . | | 3 |
| 88 | ℓ<inf>1</inf> Norm based reconstruction algorithm for particle sizing. , 2011, , . | | 3 |
| 89 | An alternative digital multiplication demodulation method for electrical capacitance tomography. , 2012, , . | | 3 |
| 90 | Direct image reconstruction for ERT by using measurements on partial boundary. , 2013, , . | | 3 |

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|-----|---|-----|-----------|
| 91 | Measurement of axisymmetric temperature distributions using single view fan-beam TDLAS tomography. , 2013, , . | | 3 |
| 92 | Compressive sensing for particle size retrieval by using a digital micro-mirror device-based detector. Powder Technology, 2016, 304, 27-31. | 4.2 | 3 |
| 93 | An Iterative Algorithm Based on the Dual Integral Inversion for Particle Sizing. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 1729-1737. | 4.7 | 3 |
| 94 | Forward solver for deep earth exploration and induction logging using custom built Edge-Element FEM technique. Acta Geologica Sinica, 2019, 93, 302-304. | 1.4 | 3 |
| 95 | Adaptive Selection of Truncation Radius in Calderon's Method for Direct Image Reconstruction in Electrical Capacitance Tomography. Sensors, 2019, 19, 2014. | 3.8 | 3 |
| 96 | A Compact Noise-Immune TDLAS Temperature Sensor using Intensity Modulation. , 2020, , . | | 3 |
| 97 | Revised Calderon Method of Annular ECT for Imaging Flashback Flame of a Bluff-Body Burner. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10. | 4.7 | 3 |
| 98 | A direct reconstruction method of electromagnetic tomography(EMT) for high permeability and low conductivity distributions. , 2010, , . | | 2 |
| 99 | The experimental research of vortex flowmeter in vertical upward oil-gas-water three-phase flow. , 2010, , . | | 2 |
| 100 | Weighting function-based coil size optimization for electromagnetic flowmeter. , 2011, , . | | 2 |
| 101 | Direct image reconstruction for electromagnetic tomography(EMT) by using the dbar method. , 2011, , . | | 2 |
| 102 | A digital demodulation method for electrical tomography based on sine wave rectification. , 2012, , . | | 2 |
| 103 | Image reconstruction algorithm for EMT based on modified Tikhonov regularization method. , 2012, , . | | 2 |
| 104 | A digital demodulator based on the recursive Gauss-Newton method for electrical tomography. , 2014, , . | | 2 |
| 105 | A high precision method for mapping phase to amplitude in direct digital synthesis and its hardware implementation. Review of Scientific Instruments, 2014, 85, 114704. | 1.3 | 2 |
| 106 | Distribution retrieval of temperature from its histograms via the tunable diode laser absorption spectroscopy. , 2017, , . | | 2 |
| 107 | Fast wavelength modulated TDLAS imaging system for flame monitoring. , 2019, , . | | 2 |
| 108 | Excitation Patterns in 3D Electrical Impedance Tomography for Breast Imaging. , 2019, , . | | 2 |

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|-----|--|-----|-----------|
| 109 | Precise wide-band electrical impedance spectroscopy measurement via an ADC operated below the Nyquist sampling rate. Measurement: Journal of the International Measurement Confederation, 2021, 174, 108995. | 5.0 | 2 |
| 110 | Random vibration-driven continuous-wave CRDS system for calibration-free gas concentration measurement. Optics Letters, 2020, 45, 746. | 3.3 | 2 |
| 111 | Temperature imaging of Counterflow Diffusion Flames by using TDLAS Tomography. , 2021, , . | | 2 |
| 112 | 2D ECT for sensors of non-circular cross sections using the factorization method. , 2010, , . | | 1 |
| 113 | A simplified model for non-destructive thickness measurement immune to the lift-off effect. , 2011, , . | | 1 |
| 114 | DC bias compensation in digital AC-based capacitance measurement for ECT. , 2011, , . | | 1 |
| 115 | FPGA-based implementation of Prony demodulation in the multi-frequency EIT system. , 2011, , . | | 1 |
| 116 | Influence of installation angle of electromagnetic flowmeter on measurement accuracy. , 2012, , . | | 1 |
| 117 | Simulation on measuring of nonuniform temperature distribution based on line-of-sight TDLAS by using Tikhonov regularization method. , 2012, , . | | 1 |
| 118 | Optimization of the Electromagnetic Wave Resistivity tool in Logging While Drilling. , 2013, , . | | 1 |
| 119 | Factorization method for electrical resistance tomography with partial boundary measurements. , 2014, , . | | 1 |
| 120 | Identification of oil-water flow patterns using conductance probe in vertical well. , 2015, , . | | 1 |
| 121 | A linear temperature extraction method from Voigt lineshape profile in laser absorption spectroscopy. , 2020, , . | | 1 |
| 122 | A Interferometer modulated TDLAS Temperature Sensor by using Coherent Demodulation. , 2022, , . | | 1 |
| 123 | A new strategy for robot path planning based on the finite element method. Proceedings of SPIE, 2008, , . | 0.8 | 0 |
| 124 | 2D ECT with square sensor using Calderon's method. , 2009, , . | | 0 |
| 125 | A new analytical inversion to Fraunhofer diffraction. , 2009, , . | | 0 |
| 126 | Direct image reconstruction for electromagnetic tomography by using the factorization method. , 2011, , . | | 0 |

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|-----|--|-----|-----------|
| 127 | 3D simulation on influence of insulating contents to contactless electromagnetic induction flowmeter. , 2012, , . | | 0 |
| 128 | Fan-beam TDLAS tomography for gas concentration distribution with limited data. , 2012, , . | | 0 |
| 129 | A high frequency digital induction system for low conductivity object measurements. , 2012, , . | | 0 |
| 130 | A direct reconstruction algorithm for recovering the admittivities in 2D electrical tomography. , 2012, , . | | 0 |
| 131 | One-dimensional tomography of axisymmetric temperature distribution with limited TDLAS data by using three-point Abel deconvolution. , 2014, , . | | 0 |
| 132 | Analysis of the electromagnetic wave resistivity tool in deviated well drilling. , 2014, , . | | 0 |
| 133 | A noncontact conductivity detection method based on the principle of electromagnetic induction. , 2015, , . | | 0 |
| 134 | Direct methods for image reconstruction in electrical capacitance tomography. , 2015, , 377-399. | | 0 |
| 135 | Ghost imaging of binary-valued objects by using a CCD and an equivalent photodiode. , 2015, , . | | 0 |
| 136 | Effects of views and spectral lines numbers on hyperspectral temperature distribution tomography. , 2016, , . | | 0 |
| 137 | Reconstruction of temperature distribution for swirling flames using one-dimensional TDLAS tomography. , 2016, , . | | 0 |
| 138 | Local integrated absorbance tomography based on revised iterative reconstruction-reprojection algorithm. , 2017, , . | | 0 |
| 139 | Recent development of electromagnetic wave resistivity tools for logging-while-drilling. Acta Geologica Sinica, 2019, 93, 291-291. | 1.4 | 0 |
| 140 | A survey of underground detection methods with a new proposal for urban underground detection. Acta Geologica Sinica, 2019, 93, 322-324. | 1.4 | 0 |
| 141 | A robust Doppler shift-based velocimetry via using tuable diode laser absorption spectroscopy. , 2019, , . | | 0 |
| 142 | A Multi-frequency WMS Method for Tunable Diode Laser Absorption Spectroscopy Tomography. , 2019, , . | | 0 |
| 143 | Special Section on Imaging Systems and Techniques 2017. Measurement Science and Technology, 2019, 30, 020103. | 2.6 | 0 |
| 144 | A flexibly reconfigurable data acquisition system for tunable diode laser absorption spectroscopy. , 2020, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Dynamic flashback induced by sound wave in a premixed bluff-body stabilized flame. IOP Conference Series: Earth and Environmental Science, 2020, 546, 042019. | 0.3 | 0 |
| 146 | Absolute Wavenumber Determination for Distributed Feedback Laser from Absorption Spectral Profiles. , 2021, , . | | 0 |
| 147 | Dynamic measurement of thickness distribution in a soap film by using a phase-modulated large lateral shearing interferometer. , 2021, , . | | 0 |
| 148 | The Study of a 2D Model and Image Reconstruction Algorithms Based on EIT System. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2006, , . | 0.0 | 0 |
| 149 | RBF-based reconstruction method for tomographic imaging of temperature and water vapor concentration in flames. , 2021, , . | | 0 |
| 150 | Direct image reconstruction in electrical tomography and its applications. , 2022, , 389-425. | | 0 |
| 151 | Temperature Telemetry with Synchronous Distance Detection System based on CM-TDLAS. , 2022, , . | | 0 |