

Gang Li

List of Publications by Year in descending order

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128
papers

1,326
citations

393982

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Dual-mode spectrum of transmission and fluorescence using single ultraviolet LED light source and their application in analyzing total bilirubin in serum. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 264, 120305. | 2.0 | 4 |
| 2 | Improve the precision of platelet spectrum quantitative analysis based on $\alpha M + N\alpha$ theory. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 264, 120291. | 2.0 | 12 |
| 3 | Noninvasive detection and analysis of human globulin based on dynamic spectrum. <i>Analytica Chimica Acta</i> , 2022, 1191, 339298. | 2.6 | 8 |
| 4 | Quantitative analysis of urea in serum by synchronous modulation and demodulation fluorescence spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 268, 120645. | 2.0 | 5 |
| 5 | Analysis of serum total bilirubin content based on dual-position joint spectrum of αM plus $N\alpha$ theory and the logarithmic method. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 2397-2408. | 1.9 | 3 |
| 6 | Towards robust reduction of nonlinear errors in dynamic spectrum spectroscopy for effective noninvasive optical detection of blood components. <i>Infrared Physics and Technology</i> , 2022, 121, 104049. | 1.3 | 1 |
| 7 | Noninvasive blood glucose detection system based on dynamic spectrum and $\alpha M + N\alpha^3$ theory. <i>Analytica Chimica Acta</i> , 2022, 1201, 339635. | 2.6 | 8 |
| 8 | A combined multi-pathlength and wavelength optimization method for accurate detection of platelet count. <i>Infrared Physics and Technology</i> , 2022, , 104174. | 1.3 | 0 |
| 9 | Method of carrier frequency arrangement for suppressing the adjacent channel interference caused by camera nonlinearity during LED-multispectral imaging. <i>Applied Optics</i> , 2022, 61, 3240. | 0.9 | 0 |
| 10 | A two-dimensional sample screening method based on data quality and variable correlation. <i>Analytica Chimica Acta</i> , 2022, 1203, 339700. | 2.6 | 4 |
| 11 | A feasibility study on improving the non-invasive detection accuracy of bottled Shuanghuanglian oral liquid using near infrared spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 274, 121120. | 2.0 | 2 |
| 12 | Application of multi-wavelength dual-position absorption spectrum to improve the accuracy of leukocyte spectral quantitative analysis based on $\alpha M + N\alpha$ theory. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 276, 121199. | 2.0 | 3 |
| 13 | Heterogeneity classification based on hyperspectral transmission imaging and multivariate data analysis. <i>Infrared Physics and Technology</i> , 2022, , 104180. | 1.3 | 2 |
| 14 | α Two-dimensional Terraced Compression method α and its application in contour detection of transmission image. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 278, 121307. | 2.0 | 3 |
| 15 | A Single-Channel Amplifier for Simultaneously Monitoring Impedance Respiration Signal and ECG Signal. <i>Circuits, Systems, and Signal Processing</i> , 2021, 40, 559-571. | 1.2 | 5 |
| 16 | The effect of spectral photoplethysmography amplification and its application in dynamic spectrum for effective noninvasive detection of blood components. <i>Optics and Laser Technology</i> , 2021, 133, 106515. | 2.2 | 7 |
| 17 | Employment of image oversampling and downsampling techniques for improving grayscale resolution. <i>Optical and Quantum Electronics</i> , 2021, 53, 1. | 1.5 | 1 |
| 18 | Higher precision integer operations instead of floating-point operations in computers or microprocessors. <i>Review of Scientific Instruments</i> , 2021, 92, 025104. | 0.6 | 0 |

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|----|---|-----|-----------|
| 19 | Cuff-less continuous blood pressure measurement based on multiple types of information fusion. <i>Biomedical Signal Processing and Control</i> , 2021, 68, 102549. | 3.5 | 7 |
| 20 | New strategy of sample set division in spectroscopy analysis—SWNW. <i>Infrared Physics and Technology</i> , 2021, 117, 103824. | 1.3 | 3 |
| 21 | A novel method for selecting the set optimal wavelength combination in multi-spectral transmission image. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 261, 120080. | 2.0 | 1 |
| 22 | An Optimizing Dynamic Spectrum Differential Extraction Method for Noninvasive Blood Component Analysis. <i>Applied Spectroscopy</i> , 2020, 74, 23-33. | 1.2 | 11 |
| 23 | A review on M&N theory and its strategies to improve the accuracy of spectrochemical composition analysis of complex liquids. <i>Applied Spectroscopy Reviews</i> , 2020, 55, 87-104. | 3.4 | 32 |
| 24 | A review on the strategies for reducing the non-linearity caused by scattering on spectrochemical quantitative analysis of complex solutions. <i>Applied Spectroscopy Reviews</i> , 2020, 55, 351-377. | 3.4 | 22 |
| 25 | Fast demodulation algorithm for multi-wavelength LED frequency-division modulation transmission hyperspectral imaging. <i>Optik</i> , 2020, 202, 163110. | 1.4 | 6 |
| 26 | Improving the analysis accuracy of components in blood by SSP-MCSD and multi-mode spectral data fusion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117778. | 2.0 | 8 |
| 27 | Detection of heterogeneity on multi-spectral transmission image based on multiple types of pseudo-color maps. <i>Infrared Physics and Technology</i> , 2020, 106, 103285. | 1.3 | 11 |
| 28 | Recognition of Heterogeneous Edges in Multiwavelength Transmission Images Based on the Weighted Constraint Decision Method. <i>Applied Spectroscopy</i> , 2020, 74, 883-893. | 1.2 | 4 |
| 29 | Systematic Proportional Method for Improving the Measurement Accuracy of Passive Sensor Measurement System. <i>IEEE Access</i> , 2020, 8, 3980-3986. | 2.6 | 1 |
| 30 | Improving heterogeneous classification accuracy based on the MDFAT and the combination feature information of multi-spectral transmission images. <i>Infrared Physics and Technology</i> , 2019, 102, 102992. | 1.3 | 7 |
| 31 | Classification of Heterogeneity on Multi-Spectral Transmission Image Based on Modulation-Demodulation-Frame Accumulation and Pattern Recognition. <i>IEEE Access</i> , 2019, 7, 97732-97744. | 2.6 | 9 |
| 32 | Repair of osteonecrosis of the femoral head. <i>Der Orthopade</i> , 2019, 48, 213-223. | 0.7 | 7 |
| 33 | Non-destructive analysis for the in-flexible-containers liquid composition based on WTFE-NPLS method. <i>Infrared Physics and Technology</i> , 2019, 99, 277-283. | 1.3 | 5 |
| 34 | Improving the quantitative analysis accuracy of bagged liquid components with strong scattering by multi-pathlength data fusion. <i>Infrared Physics and Technology</i> , 2019, 99, 39-44. | 1.3 | 8 |
| 35 | A Dynamic Spectrum extraction method for extracting blood scattering information — Dual-position extraction method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 221, 116965. | 2.0 | 7 |
| 36 | Improving the nondestructive analysis accuracy of liquids in a flexible container based on the multi-pathlength spectrum method. <i>Review of Scientific Instruments</i> , 2019, 90, 056101. | 0.6 | 1 |

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|----|---|-----|-----------|
| 37 | Determine the significant digit of spectral data and reduce its redundant digits to eliminate the chance correlation problem based on the α -salami slicing method. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2019, 187, 1-5. | 1.8 | 1 |
| 38 | Transmission versus reflection spectroscopy for discrimination of human and nonhuman blood. <i>Infrared Physics and Technology</i> , 2019, 99, 1-4. | 1.3 | 5 |
| 39 | Reduction of the influence of film thickness on diffuse reflectance spectroscopy measurement of the tongue. <i>Review of Scientific Instruments</i> , 2019, 90, 013109. | 0.6 | 0 |
| 40 | Dual-Mean Extraction Method of Dynamic Spectrum for Suppressing Random Noise and Coarse Error. <i>IEEE Access</i> , 2019, 7, 168681-168687. | 2.6 | 7 |
| 41 | A Fusion Method in Frequency Domain for Multi-Wavelength Transmission Image. <i>IEEE Access</i> , 2019, 7, 168371-168381. | 2.6 | 3 |
| 42 | Improving the Model Migration Ability by a Hyperspectral Method With a High Spatial Resolution. <i>IEEE Access</i> , 2019, 7, 171260-171271. | 2.6 | 0 |
| 43 | Image Enhancement via Indented Frame Over Fusion. <i>IEEE Access</i> , 2019, 7, 181092-181099. | 2.6 | 1 |
| 44 | Heterogeneity Detection Method for Transmission Multispectral Imaging Based on Contour and Spectral Features. <i>Sensors</i> , 2019, 19, 5369. | 2.1 | 8 |
| 45 | Dynamic Spectrum for noninvasive blood component analysis and its advances. <i>Applied Spectroscopy Reviews</i> , 2019, 54, 736-757. | 3.4 | 23 |
| 46 | Dynamic spectrum nonlinear modeling of VIS & NIR band based on RBF neural network for noninvasive blood component analysis to consider the effects of scattering. <i>Infrared Physics and Technology</i> , 2019, 96, 77-83. | 1.3 | 10 |
| 47 | Optimized lighting method of applying shaped-function signal for increasing the dynamic range of LED-multispectral imaging system. <i>Review of Scientific Instruments</i> , 2018, 89, 025104. | 0.6 | 9 |
| 48 | Improving the spectral measurement accuracy based on temperature distribution and spectra-temperature relationship. <i>Infrared Physics and Technology</i> , 2018, 90, 87-94. | 1.3 | 4 |
| 49 | Nondestructive Measurement of Hemoglobin in Blood Bags Based on Multi-Pathlength VIS-NIR Spectroscopy. <i>Scientific Reports</i> , 2018, 8, 2204. | 1.6 | 16 |
| 50 | Image quality assessment metric for frame accumulated image. <i>Review of Scientific Instruments</i> , 2018, 89, 013703. | 0.6 | 3 |
| 51 | Modification method to reduce the impact of blood vessel on noncontact discrimination of human blood based on $M+N$ theory. <i>Infrared Physics and Technology</i> , 2018, 88, 119-122. | 1.3 | 2 |
| 52 | Identification of blood species based on diffuse reflectance and transmission joint spectra with machine learning method. <i>Infrared Physics and Technology</i> , 2018, 88, 200-205. | 1.3 | 7 |
| 53 | Wavelength selection for portable noninvasive blood component measurement system based on spectral difference coefficient and dynamic spectrum. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 40-46. | 2.0 | 21 |
| 54 | $M+N$ theory and UV-Vis-NIR transmission spectroscopy used in quantitative analysis of total bilirubin. <i>Infrared Physics and Technology</i> , 2018, 94, 65-68. | 1.3 | 15 |

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|----|---|-----|-----------|
| 55 | Employment of the appropriate range of sawtooth-shaped-function illumination intensity to improve the image quality. <i>Optik</i> , 2018, 175, 189-196. | 1.4 | 8 |
| 56 | Non-linearity correction in NIR absorption spectra by grouping modeling according to the content of analyte. <i>Scientific Reports</i> , 2018, 8, 8564. | 1.6 | 12 |
| 57 | Combined effects of PPG preprocess and dynamic spectrum extraction on predictive performance of non-invasive detection of blood components based on dynamic spectrum. <i>Infrared Physics and Technology</i> , 2018, 92, 436-442. | 1.3 | 9 |
| 58 | Blood hyperviscosity identification with reflective spectroscopy of tongue tip based on principal component analysis combining artificial neural network. <i>BioMedical Engineering OnLine</i> , 2018, 17, 60. | 1.3 | 2 |
| 59 | Use of bi-level pulsed frequency-division excitation for improving blood oxygen saturation precision. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 129, 523-529. | 2.5 | 8 |
| 60 | A method to eliminate the influence of incident light variations in spectral analysis. <i>Review of Scientific Instruments</i> , 2018, 89, 063103. | 0.6 | 4 |
| 61 | Principal frequency component analysis based on modulate chopper technique used in diffuse reflectance spectroscopy measurement. <i>Applied Optics</i> , 2018, 57, 1043. | 0.9 | 6 |
| 62 | Noncontact discrimination of animal and human blood with vacuum blood vessel and factors affect the discrimination. <i>Infrared Physics and Technology</i> , 2017, 81, 210-214. | 1.3 | 11 |
| 63 | The relationship between the perfusion index and precision of noninvasive blood component measurement based on dynamic spectroscopy. <i>Analytical Methods</i> , 2017, 9, 2578-2584. | 1.3 | 11 |
| 64 | New method of extracting information of arterial oxygen saturation based on $\hat{\alpha}^{ ? }$. <i>Review of Scientific Instruments</i> , 2017, 88, 043107. | 0.6 | 4 |
| 65 | Noninvasive hemoglobin measurement based on optimizing Dynamic Spectrum method. <i>Spectroscopy Letters</i> , 2017, 50, 164-170. | 0.5 | 16 |
| 66 | Suppression of inter-device variation for component analysis of turbid liquids based on spatially resolved diffuse reflectance spectroscopy. <i>Review of Scientific Instruments</i> , 2017, 88, 033104. | 0.6 | 6 |
| 67 | Dynamic spectrum extraction method based on independent component analysis combined dual-tree complex wavelet transform. <i>RSC Advances</i> , 2017, 7, 11198-11205. | 1.7 | 12 |
| 68 | Effects of 15 μ mHz square wave magnetic fields on the voltage-gated sodium and potassium channels in prefrontal cortex pyramidal neurons. <i>International Journal of Radiation Biology</i> , 2017, 93, 449-455. | 1.0 | 9 |
| 69 | The influence of different integration time on stoichiometric analysis in near infrared grating spectrometers. <i>Infrared Physics and Technology</i> , 2017, 86, 130-134. | 1.3 | 8 |
| 70 | Noninvasive hemoglobin measurement using dynamic spectrum. <i>Review of Scientific Instruments</i> , 2017, 88, 083109. | 0.6 | 28 |
| 71 | An efficient optimization method to improve the measuring accuracy of oxygen saturation by using triangular wave optical signal. <i>Review of Scientific Instruments</i> , 2017, 88, 093103. | 0.6 | 4 |
| 72 | Synchronous acquisition of multi-channel signals by single-channel ADC based on square wave modulation. <i>Review of Scientific Instruments</i> , 2017, 88, 085108. | 0.6 | 6 |

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|----|---|-----|-----------|
| 73 | Reduction of package-induced error for the composition analysis of in-package liquid products based on transmission spectrum. RSC Advances, 2017, 7, 26729-26734. | 1.7 | 7 |
| 74 | An improved device for bioimpedance deviation measurements based on 4-electrode half bridge. Review of Scientific Instruments, 2016, 87, 105107. | 0.6 | 5 |
| 75 | Pulse wave detection method based on the bio-impedance of the wrist. Review of Scientific Instruments, 2016, 87, 055001. | 0.6 | 10 |
| 76 | Optimization of a digital lock-in algorithm with a square-wave reference for frequency-divided multi-channel sensor signal detection. Review of Scientific Instruments, 2016, 87, 085102. | 0.6 | 9 |
| 77 | Calibration set selection method based on the $\epsilon_M + N$ -theory: application to non-invasive measurement by dynamic spectrum. RSC Advances, 2016, 6, 113322-113326. | 1.7 | 33 |
| 78 | Quantitative determination based on the differences between spectra-temperature relationships. Talanta, 2016, 155, 47-52. | 2.9 | 22 |
| 79 | Blood species identification using Near-Infrared diffuse transmitted spectra and PLS-DA method. Infrared Physics and Technology, 2016, 76, 587-591. | 1.3 | 27 |
| 80 | Optimizing Monte Carlo simulation for detecting the internal information in a fat muscle media. Optical and Quantum Electronics, 2016, 48, 1. | 1.5 | 1 |
| 81 | Determination of photon quantity in Monte Carlo simulation. Optical and Quantum Electronics, 2016, 48, 1. | 1.5 | 1 |
| 82 | Effect on measurement accuracy of transillumination using sawtooth-shaped-function optical signal. Review of Scientific Instruments, 2016, 87, 115106. | 0.6 | 17 |
| 83 | Study on the effect of spectral difference coefficient on the precision of quantitative spectral analysis. Analytical Methods, 2016, 8, 4648-4658. | 1.3 | 20 |
| 84 | Multi-pathlength method to improve the spectrometric analysis accuracy based on $\epsilon_M + N$ -theory. RSC Advances, 2016, 6, 38849-38854. | 1.7 | 35 |
| 85 | Detection of free hemoglobin in blood products using transmission spectra and fluorescence spectra for quality assurance. Analytical Methods, 2016, 8, 4239-4244. | 1.3 | 17 |
| 86 | Optimum method of image acquisition using sawtooth-shaped-function optical signal to improve grey-scale resolution. Journal of Modern Optics, 2016, 63, 1539-1543. | 0.6 | 15 |
| 87 | Optimal wavelength selection for visible diffuse reflectance spectroscopy discriminating human and nonhuman blood species. Analytical Methods, 2016, 8, 381-385. | 1.3 | 12 |
| 88 | Employment of sawtooth-shaped-function excitation signal and oversampling for improving resistance measurement accuracy. Review of Scientific Instruments, 2016, 87, 105104. | 0.6 | 5 |
| 89 | Norcantharidin combined with ABT-737 for hepatocellular carcinoma: Therapeutic effects and molecular mechanisms. World Journal of Gastroenterology, 2016, 22, 3962. | 1.4 | 16 |
| 90 | Calibration of diffuse correlation spectroscopy blood flow index with venous-occlusion diffuse optical spectroscopy in skeletal muscle. Journal of Biomedical Optics, 2015, 20, 125005. | 1.4 | 21 |

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| 91 | The nonlinear variation regularization algorithm for the magnetic resonance electrical impedance tomography. <i>International Journal of Imaging Systems and Technology</i> , 2015, 25, 68-76. | 2.7 | 2 |
| 92 | Spectral data quality assessment based on variability analysis: application to noninvasive hemoglobin measurement by dynamic spectrum. <i>Analytical Methods</i> , 2015, 7, 5565-5573. | 1.3 | 21 |
| 93 | Coding method for the study of the intrinsic mechanism of spectral analysis. <i>Analytical Methods</i> , 2015, 7, 3988-3992. | 1.3 | 0 |
| 94 | Monte Carlo simulation of photon migration in multi-component media. <i>Optical and Quantum Electronics</i> , 2015, 47, 1919-1931. | 1.5 | 1 |
| 95 | Evaluation of measurement and stimulation patterns in open electrical impedance tomography with scanning electrode. <i>Medical and Biological Engineering and Computing</i> , 2015, 53, 589-597. | 1.6 | 9 |
| 96 | Improved method on image detection at low light level using a sinusoidal-shaped-function signal. <i>Journal of Modern Optics</i> , 2015, 62, 1527-1534. | 0.6 | 0 |
| 97 | Magnetic detection electrical impedance tomography with total variation regularization. <i>Bio-Medical Materials and Engineering</i> , 2014, 24, 2857-2864. | 0.4 | 3 |
| 98 | The differential Howland current source with high signal to noise ratio for bioimpedance measurement system. <i>Review of Scientific Instruments</i> , 2014, 85, 055111. | 0.6 | 25 |
| 99 | Double-sampling to improve signal-to-noise ratio (SNR) of dynamic spectrum (DS) in full spectral range. <i>Optical and Quantum Electronics</i> , 2014, 46, 691-698. | 1.5 | 21 |
| 100 | Discrimination of human and nonhuman blood using visible diffuse reflectance spectroscopy. <i>Analytical Methods</i> , 2014, 6, 9419-9423. | 1.3 | 25 |
| 101 | Optimization of Measurement Arrangements for Magnetic Detection Electrical Impedance Tomography. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 444-452. | 2.5 | 8 |
| 102 | Wavelength selection method based on test analysis of variance: application to oximetry. <i>Analytical Methods</i> , 2014, 6, 1082-1089. | 1.3 | 15 |
| 103 | Classification of diabetes and measurement of blood glucose concentration noninvasively using near infrared spectroscopy. <i>Infrared Physics and Technology</i> , 2014, 67, 574-582. | 1.3 | 30 |
| 104 | A Multiple Biomedical Signals Synchronous Acquisition Circuit Based on Over-Sampling and Shaped Signal for the Application of the Ubiquitous Health Care. <i>Circuits, Systems, and Signal Processing</i> , 2014, 33, 3003-3017. | 1.2 | 8 |
| 105 | Fast digital lock-in amplifier for dynamic spectrum extraction. <i>Journal of Biomedical Optics</i> , 2013, 18, 057003. | 1.4 | 15 |
| 106 | Influence of water on noninvasive hemoglobin measurement by Dynamic Spectrum. <i>Analytical Methods</i> , 2013, 5, 4660. | 1.3 | 9 |
| 107 | Digital lock-in algorithm and parameter settings in multi-channel sensor signal detection. <i>Measurement: Journal of the International Measurement Confederation</i> , 2013, 46, 2519-2524. | 2.5 | 18 |
| 108 | A method to remove odd harmonic interferences in square wave reference digital lock-in amplifier. <i>Review of Scientific Instruments</i> , 2013, 84, 025115. | 0.6 | 19 |

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|-----|---|-----|-----------|
| 109 | Optimum method of applying and removing a shaped-function signal for low-light-level image detection. <i>Applied Optics</i> , 2013, 52, 7934. | 0.9 | 18 |
| 110 | Fill light for grayscale superresolution. <i>Optical Engineering</i> , 2013, 52, 073105. | 0.5 | 2 |
| 111 | A novel combined regularization algorithm of total variation and Tikhonov regularization for open electrical impedance tomography. <i>Physiological Measurement</i> , 2013, 34, 823-838. | 1.2 | 31 |
| 112 | Non-invasive measurement of haemoglobin based on dynamic spectrum method. <i>Transactions of the Institute of Measurement and Control</i> , 2013, 35, 16-24. | 1.1 | 15 |
| 113 | Noninvasive Measurement of Serum Bilirubin Employing Near-Infrared Spectroscopy. <i>Chinese Journal of Analytical Chemistry</i> , 2013, 41, 263. | 0.9 | 1 |
| 114 | Employment of frame accumulation and shaped function for upgrading low-light-level image detection sensitivity. <i>Optics Letters</i> , 2012, 37, 1361. | 1.7 | 35 |
| 115 | Composition Analysis of Scattering Liquids Based on Spatially Offset Visible-Near-Infrared Spectroscopy. <i>Applied Spectroscopy</i> , 2012, 66, 1347-1352. | 1.2 | 21 |
| 116 | A New Electrode Mode for Magnetic Detection Electrical Impedance Tomography: Computer Simulation Study. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 2543-2550. | 1.2 | 6 |
| 117 | Effects of 50 Hz Magnetic Fields With Different Intensities Exposure on Delayed Rectifier Potassium Channel of Neurons*. <i>Progress in Biochemistry and Biophysics</i> , 2012, 39, 458-463. | 0.3 | 1 |
| 118 | A novel algorithm combining oversampling and digital lock-in amplifier of high speed and precision. <i>Review of Scientific Instruments</i> , 2011, 82, 095106. | 0.6 | 48 |
| 119 | Methodological evaluation and comparison of five urinary albumin measurements. <i>Journal of Clinical Laboratory Analysis</i> , 2011, 25, 324-329. | 0.9 | 17 |
| 120 | Effects of 50 Hz Magnetic Fields With Different Intensities Exposure on Transient Outward Potassium Channel of Cortical Neurons*. <i>Progress in Biochemistry and Biophysics</i> , 2011, 38, 1036-1042. | 0.3 | 1 |
| 121 | Characteristics of Delayed Rectifier Potassium Channels Exposed to 3 mT Static Magnetic Field. <i>IEEE Transactions on Magnetics</i> , 2010, 46, 2635-2638. | 1.2 | 11 |
| 122 | Effect of antler extract on corticosteroid-induced avascular necrosis of the femoral head in rats. <i>Journal of Ethnopharmacology</i> , 2010, 127, 124-129. | 2.0 | 30 |
| 123 | Effect of Deep Brain Stimulation on Neural Activity of Subthalamic Nucleus in Rats*. <i>Progress in Biochemistry and Biophysics</i> , 2009, 36, 1049-1055. | 0.3 | 2 |
| 124 | Preparation of porous TiO ₂ /Ti composite membrane for immunoisolation. <i>Applied Surface Science</i> , 2008, 255, 2256-2258. | 3.1 | 13 |
| 125 | Uterine electromyogram topography to represent synchronization of uterine contractions. <i>International Journal of Gynecology and Obstetrics</i> , 2007, 97, 120-124. | 1.0 | 14 |
| 126 | An in Vivo Acquisition Device for Near Infrared Blood Spectra. , 2007, , . | | 1 |

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|-----|---|-----|-----------|
| 127 | An artificial-intelligence approach to ECG analysis. IEEE Engineering in Medicine and Biology Magazine, 2000, 19, 95-100. | 1.1 | 19 |
| 128 | <title>Accurate NIRS measurement of muscle oxygenation by correcting the influence of a subcutaneous fat layer</title>. , 1998, , . | | 21 |