

Kuanquan Wang

List of Publications by Year in descending order

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174
papers

3,591
citations

218381

26
h-index

161609

54
g-index

175
all docs

175
docs citations

175
times ranked

2988
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Fisherpalms based palmprint recognition. Pattern Recognition Letters, 2003, 24, 2829-2838. | 2.6 | 367 |
| 2 | Detecting atrial fibrillation by deep convolutional neural networks. Computers in Biology and Medicine, 2018, 93, 84-92. | 3.9 | 247 |
| 3 | Computerized Tongue Diagnosis Based on Bayesian Networks. IEEE Transactions on Biomedical Engineering, 2004, 51, 1803-1810. | 2.5 | 158 |
| 4 | A global benchmark of algorithms for segmenting the left atrium from late gadolinium-enhanced cardiac magnetic resonance imaging. Medical Image Analysis, 2021, 67, 101832. | 7.0 | 150 |
| 5 | Concatenated and Connected Random Forests With Multiscale Patch Driven Active Contour Model for Automated Brain Tumor Segmentation of MR Images. IEEE Transactions on Medical Imaging, 2018, 37, 1943-1954. | 5.4 | 145 |
| 6 | Multimodal Biometric Authentication Systems Using Convolution Neural Network Based on Different Level Fusion of ECG and Fingerprint. IEEE Access, 2019, 7, 26527-26542. | 2.6 | 145 |
| 7 | Palm line extraction and matching for personal authentication. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2006, 36, 978-987. | 3.4 | 135 |
| 8 | Detection of abnormal heart conditions based on characteristics of ECG signals. Measurement: Journal of the International Measurement Confederation, 2018, 125, 634-644. | 2.5 | 121 |
| 9 | Automatic Cardiac Arrhythmia Classification Using Combination of Deep Residual Network and Bidirectional LSTM. IEEE Access, 2019, 7, 102119-102135. | 2.6 | 120 |
| 10 | Bidirectional PCA with assembled matrix distance metric for image recognition. IEEE Transactions on Systems, Man, and Cybernetics, 2006, 36, 863-872. | 5.5 | 98 |
| 11 | A novel two-dimensional ECG feature extraction and classification algorithm based on convolution neural network for human authentication. Future Generation Computer Systems, 2019, 101, 180-196. | 4.9 | 84 |
| 12 | Automatic Detection of Atrial Fibrillation Based on Continuous Wavelet Transform and 2D Convolutional Neural Networks. Frontiers in Physiology, 2018, 9, 1206. | 1.3 | 82 |
| 13 | On kernel difference-weighted k-nearest neighbor classification. Pattern Analysis and Applications, 2008, 11, 247-257. | 3.1 | 79 |
| 14 | Parallel score fusion of ECG and fingerprint for human authentication based on convolution neural network. Computers and Security, 2019, 81, 107-122. | 4.0 | 68 |
| 15 | Multi-Depth Fusion Network for Whole-Heart CT Image Segmentation. IEEE Access, 2019, 7, 23421-23429. | 2.6 | 66 |
| 16 | ResNet+Attention model for human authentication using ECG signals. Expert Systems, 2021, 38, e12547. | 2.9 | 64 |
| 17 | Very deep feature extraction and fusion for arrhythmias detection. Neural Computing and Applications, 2018, 30, 2047-2057. | 3.2 | 56 |
| 18 | A Novel Cryptosystem Based on Iris Key Generation. , 2008, , . | | 53 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Multi-Views Fusion CNN for Left Ventricular Volumes Estimation on Cardiac MR Images. IEEE Transactions on Biomedical Engineering, 2018, 65, 1924-1934. | 2.5 | 51 |
| 20 | Cancelable biometric authentication system based on ECG. Multimedia Tools and Applications, 2019, 78, 1857-1887. | 2.6 | 44 |
| 21 | The virtual heart as a platform for screening drug cardiotoxicity. British Journal of Pharmacology, 2015, 172, 5531-5547. | 2.7 | 43 |
| 22 | Deep Atlas Network for Efficient 3D Left Ventricle Segmentation on Echocardiography. Medical Image Analysis, 2020, 61, 101638. | 7.0 | 38 |
| 23 | Generating electrocardiogram signals by deep learning. Neurocomputing, 2020, 404, 122-136. | 3.5 | 38 |
| 24 | A snake-based approach to automated segmentation of tongue image using polar edge detector. International Journal of Imaging Systems and Technology, 2006, 16, 103-112. | 2.7 | 34 |
| 25 | Detail-Preserving and Content-Aware Variational Multi-View Stereo Reconstruction. IEEE Transactions on Image Processing, 2016, 25, 864-877. | 6.0 | 34 |
| 26 | Palmprint Texture Analysis Using Derivative of Gaussian Filters. , 2006, , . | | 33 |
| 27 | A cryptosystem based on palmprint feature. , 2008, , . | | 32 |
| 28 | An Iris Cryptosystem for Information Security. , 2008, , . | | 30 |
| 29 | Multiscale competitive code for efficient palmprint recognition. , 2008, , . | | 29 |
| 30 | A novel method for the detection of R-peaks in ECG based on K-Nearest Neighbors and Particle Swarm Optimization. Eurasip Journal on Advances in Signal Processing, 2017, 2017, . | 1.0 | 29 |
| 31 | Computational Cardiac Modeling Reveals Mechanisms of Ventricular Arrhythmogenesis in Long QT Syndrome Type 8: CACNA1C R858H Mutation Linked to Ventricular Fibrillation. Frontiers in Physiology, 2017, 8, 771. | 1.3 | 27 |
| 32 | Multi-step Cascaded Networks for Brain Tumor Segmentation. Lecture Notes in Computer Science, 2020, , 163-173. | 1.0 | 27 |
| 33 | Computerized feature quantification of sublingual veins from color sublingual images. Computer Methods and Programs in Biomedicine, 2009, 93, 192-205. | 2.6 | 26 |
| 34 | Automatic Detection of QRS Complexes Using Dual Channels Based on U-Net and Bidirectional Long Short-Term Memory. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1052-1061. | 3.9 | 26 |
| 35 | A Combined Fully Convolutional Networks and Deformable Model for Automatic Left Ventricle Segmentation Based on 3D Echocardiography. BioMed Research International, 2018, 2018, 1-16. | 0.9 | 25 |
| 36 | Post-processed LDA for face and palmprint recognition: What is the rationale. Signal Processing, 2010, 90, 2344-2352. | 2.1 | 24 |

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| 37 | A graph-based method for fitting planar B-spline curves with intersections. Journal of Computational Design and Engineering, 2016, 3, 14-23. | 1.5 | 24 |
| 38 | A Novel Approach of Palm-Line Extraction. , 0, , . | | 23 |
| 39 | Fusion of phase and orientation information for palmprint authentication. Pattern Analysis and Applications, 2006, 9, 103-111. | 3.1 | 23 |
| 40 | A universal texture segmentation and representation scheme based on ant colony optimization for iris image processing. Computers and Mathematics With Applications, 2009, 57, 1862-1868. | 1.4 | 22 |
| 41 | Notice of Retraction: Iris-Based Medical Analysis by Geometric Deformation Features. IEEE Journal of Biomedical and Health Informatics, 2013, 17, 223-231. | 3.9 | 22 |
| 42 | Commensal correlation network between segmentation and direct area estimation for bi-ventricle quantification. Medical Image Analysis, 2020, 59, 101591. | 7.0 | 21 |
| 43 | In silico assessment of the effects of quinidine, disopyramide and E-4031 on short QT syndrome variant 1 in the human ventricles. PLoS ONE, 2017, 12, e0179515. | 1.1 | 21 |
| 44 | Online signature verification based on null component analysis and principal component analysis. Pattern Analysis and Applications, 2006, 8, 345-356. | 3.1 | 20 |
| 45 | Parallel Optimization of 3D Cardiac Electrophysiological Model Using GPU. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-10. | 0.7 | 20 |
| 46 | A Novel Biometric System Based on Hand Vein. , 2010, , . | | 18 |
| 47 | VoxelAtlasGAN: 3D Left Ventricle Segmentation on Echocardiography with Atlas Guided Generation and Voxel-to-Voxel Discrimination. Lecture Notes in Computer Science, 2018, , 622-629. | 1.0 | 18 |
| 48 | A performance evaluation of filter design and coding schemes for palmprint recognition. , 2008, , . | | 17 |
| 49 | Sample pair based sparse representation classification for face recognition. Expert Systems With Applications, 2016, 45, 352-358. | 4.4 | 17 |
| 50 | Combination of Polar Edge Detection and Active Contour Model for Automated Tongue Segmentation. , 0, , . | | 16 |
| 51 | Iris localization: Detecting accurate pupil contour and localizing limbus boundary. , 2010, , . | | 14 |
| 52 | Effects of Maximal Sodium and Potassium Conductance on the Stability of Hodgkin-Huxley Model. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-9. | 0.7 | 14 |
| 53 | Transformer Network for Significant Stenosis Detection in CCTA of Coronary Arteries. Lecture Notes in Computer Science, 2021, , 516-525. | 1.0 | 14 |
| 54 | Modelling the effects of chloroquine on <i>KCNJ2</i> -linked short QT syndrome. Oncotarget, 2017, 8, 106511-106526. | 0.8 | 14 |

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|----|---|-----|-----------|
| 55 | Neuron anatomy structure reconstruction based on a sliding filter. BMC Bioinformatics, 2015, 16, 342. | 1.2 | 12 |
| 56 | Quick detection of QRS complexes and R-waves using a wavelet transform and K-means clustering. Bio-Medical Materials and Engineering, 2015, 26, S1059-S1065. | 0.4 | 12 |
| 57 | Fingerprint classification based on a Q-Gaussian multiclass support vector machine. , 2017, , . | | 12 |
| 58 | Effects of amiodarone on short QT syndrome variant 3 in human ventricles: a simulation study. BioMedical Engineering OnLine, 2017, 16, 69. | 1.3 | 12 |
| 59 | Automatic Multi-Label ECG Classification with Category Imbalance and Cost-Sensitive Thresholding. Biosensors, 2021, 11, 453. | 2.3 | 12 |
| 60 | Reducing false arrhythmia alarms in the ICU using novel signal quality indices assessment method. , 2015, , . | | 11 |
| 61 | Improving Whole-Heart CT Image Segmentation by Attention Mechanism. IEEE Access, 2020, 8, 14579-14587. | 2.6 | 11 |
| 62 | Mechanism underlying impaired cardiac pacemaking rhythm during ischemia: A simulation study. Chaos, 2017, 27, 093934. | 1.0 | 10 |
| 63 | Bi-directional PCA with assembled matrix distance metric. , 2005, , . | | 9 |
| 64 | Improved greedy snake model for detecting accurate pupil contour. , 2011, , . | | 9 |
| 65 | Illustrative Cardiac Visualization via Perception-Based Lighting Enhancement. Journal of Medical Imaging and Health Informatics, 2014, 4, 312-316. | 0.2 | 9 |
| 66 | Influence of the distribution of fibrosis within an area of myocardial infarction on wave propagation in ventricular tissue. Scientific Reports, 2019, 9, 14151. | 1.6 | 9 |
| 67 | An Automatic Cardiac Segmentation Framework Based on Multi-sequence MR Image. Lecture Notes in Computer Science, 2020, , 220-227. | 1.0 | 9 |
| 68 | Dynamically constructed network with error correction for accurate ventricle volume estimation. Medical Image Analysis, 2020, 64, 101723. | 7.0 | 9 |
| 69 | Segmentation of sublingual veins from near infrared sublingual images. , 2008, , . | | 8 |
| 70 | Multi-view stereo via depth map fusion: A coordinate decent optimization method. Neurocomputing, 2016, 178, 46-61. | 3.5 | 8 |
| 71 | An efficient and fast GPU-based algorithm for visualizing large volume of 4D data from virtual heart simulations. Biomedical Signal Processing and Control, 2017, 35, 8-18. | 3.5 | 8 |
| 72 | Cardiac left ventricular volumes prediction method based on atlas location and deep learning. , 2016, , . | | 7 |

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| 73 | A robust statistics driven volume-scalable active contour for segmenting anatomical structures in volumetric medical images with complex conditions. <i>BioMedical Engineering OnLine</i> , 2016, 15, 39. | 1.3 | 7 |
| 74 | A Mathematical Model of the Mouse Atrial Myocyte With Inter-Atrial Electrophysiological Heterogeneity. <i>Frontiers in Physiology</i> , 2020, 11, 972. | 1.3 | 7 |
| 75 | Hematoma Expansion Context Guided Intracranial Hemorrhage Segmentation and Uncertainty Estimation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 1140-1151. | 3.9 | 7 |
| 76 | Approximate entropy based pulse variability analysis. , 0, , . | | 6 |
| 77 | Regularization of LDA for Face Recognition: A Post-processing Approach. <i>Lecture Notes in Computer Science</i> , 2005, , 377-391. | 1.0 | 6 |
| 78 | Fusion of phase and orientation information for palmprint authentication. , 2005, , . | | 6 |
| 79 | Real-time interactive heart illustration platform via hardware accelerated rendering. , 2011, , . | | 6 |
| 80 | Multi-boundary cardiac data visualization based on multidimensional transfer function with ray distance. <i>Bio-Medical Materials and Engineering</i> , 2014, 24, 3025-3032. | 0.4 | 6 |
| 81 | EFFECTS OF ACUTE GLOBAL ISCHEMIA ON RE-ENTRANT ARRHYTHMOGENESIS: A SIMULATION STUDY. <i>Journal of Biological Systems</i> , 2015, 23, 213-230. | 0.5 | 6 |
| 82 | A Visualization System for Interactive Exploration of the Cardiac Anatomy. <i>Journal of Medical Systems</i> , 2016, 40, 135. | 2.2 | 6 |
| 83 | Performance of novel deep learning network with the incorporation of the automatic segmentation network for diagnosis of breast cancer in automated breast ultrasound. <i>European Radiology</i> , 2022, 32, 7163-7172. | 2.3 | 6 |
| 84 | Post-processing on LDA's Discriminant Vectors for Facial Feature Extraction. <i>Lecture Notes in Computer Science</i> , 2005, , 346-354. | 1.0 | 5 |
| 85 | Effective transfer function for interactive visualization and multivariate volume data. , 2011, , . | | 5 |
| 86 | A New Approach to Separate Haemodynamic Signals for Brain-Computer Interface Using Independent Component Analysis and Least Squares. <i>Journal of Spectroscopy</i> , 2013, 2013, 1-9. | 0.6 | 5 |
| 87 | A Pipeline for Neuron Reconstruction Based on Spatial Sliding Volume Filter Seeding. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-8. | 0.7 | 5 |
| 88 | Combination of linear regression classification and collaborative representation classification. <i>Neural Computing and Applications</i> , 2014, 25, 833-838. | 3.2 | 5 |
| 89 | Effects of amiodarone on ventricular excitation associated with the KCNJ2-linked short QT syndrome: Insights from a modelling study. , 2015, , . | | 5 |
| 90 | How can a sparse representation be made applicable for very low-dimensional data?. <i>Expert Systems With Applications</i> , 2017, 77, 66-70. | 4.4 | 5 |

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| 91 | A Combined Random Forests and Active Contour Model Approach for Fully Automatic Segmentation of the Left Atrium in Volumetric MRI. <i>BioMed Research International</i> , 2017, 2017, 1-14. | 0.9 | 5 |
| 92 | Heart failure-induced atrial remodelling promotes electrical and conduction alternans. <i>PLoS Computational Biology</i> , 2020, 16, e1008048. | 1.5 | 5 |
| 93 | Branch-Aware Double DQN for Centerline Extraction in Coronary CT Angiography. <i>Lecture Notes in Computer Science</i> , 2020, , 35-44. | 1.0 | 5 |
| 94 | Parameter by Parameter Algorithm for Multilayer Perceptrons. <i>Neural Processing Letters</i> , 2006, 23, 229-242. | 2.0 | 4 |
| 95 | ONLINE SIGNATURE VERIFICATION BY COMBINING SHAPE CONTEXTS AND LOCAL FEATURES. <i>International Journal of Image and Graphics</i> , 2006, 06, 407-420. | 1.2 | 4 |
| 96 | Theoretical Investigation on Post-Processed LDA for Face and Palmprint Recognition. , 2007, , . | | 4 |
| 97 | A cell counting method for BEVS based on nonlinear Transformed Sliding Band Filter. , 2012, 2012, 118-21. | | 4 |
| 98 | Distortion correction in wide-angle images for picture-based food portion size estimation. , 2012, , . | | 4 |
| 99 | Computational Analysis of the Action of Chloroquine on Short QT Syndrome Variant 1 and Variant 3 in Human Ventricles. , 2018, 2018, 5462-5465. | | 4 |
| 100 | Biological pacemaker: from biological experiments to computational simulation. <i>Journal of Zhejiang University: Science B</i> , 2020, 21, 524-536. | 1.3 | 4 |
| 101 | The Role of CaMKII Overexpression and Oxidation in Atrial Fibrillation—A Simulation Study. <i>Frontiers in Physiology</i> , 2020, 11, 607809. | 1.3 | 4 |
| 102 | Reciprocal interaction between IK1 and If in biological pacemakers: A simulation study. <i>PLoS Computational Biology</i> , 2021, 17, e1008177. | 1.5 | 4 |
| 103 | MULTISCALE WAVELET TEXTURE BASED IRIS VERIFICATION. , 2003, , . | | 4 |
| 104 | Coarse iris classification based on box-counting method. , 2005, , . | | 3 |
| 105 | A Novel Cryptographic Algorithm Based on Iris Feature. , 2008, , . | | 3 |
| 106 | Hilbert-Huang Transform Based Doppler Blood Flow Signals Analysis. , 2009, , . | | 3 |
| 107 | A Feature Extraction Method for Recognition of Petechia Dot in Tongue Image. , 2009, , . | | 3 |
| 108 | A Bilingual Teaching Modal in a Programming Language Course. , 2009, , . | | 3 |

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| 109 | A fast and efficient nearest neighbor method for protein secondary structure prediction. , 2011, , . | | 3 |
| 110 | Weighted Nuclear Norm Minimization Based Tongue Specular Reflection Removal. Mathematical Problems in Engineering, 2015, 2015, 1-15. | 0.6 | 3 |
| 111 | Fusion visualization for cardiac anatomical and ischemic models with depth weighted optic radiation function. , 2015, , . | | 3 |
| 112 | Multiview stereo and silhouette fusion via minimizing generalized reprojection error. Image and Vision Computing, 2015, 33, 1-14. | 2.7 | 3 |
| 113 | Pacemaker Created in Human Ventricle by Depressing Inward-Rectifier K+Current: A Simulation Study. BioMed Research International, 2016, 2016, 1-9. | 0.9 | 3 |
| 114 | A composite visualization method for electrophysiology-morphous merging of human heart. BioMedical Engineering OnLine, 2017, 16, 70. | 1.3 | 3 |
| 115 | Evoked Hemodynamic Response Estimation to Auditory Stimulus Using Recursive Least Squares Adaptive Filtering with Multidistance Measurement of Near-Infrared Spectroscopy. Journal of Healthcare Engineering, 2018, 2018, 1-8. | 1.1 | 3 |
| 116 | Generalizable Beat-by-Beat Arrhythmia Detection by Using Weakly Supervised Deep Learning. Frontiers in Physiology, 2022, 13, 850951. | 1.3 | 3 |
| 117 | Uncertainty-guided symmetric multi-level supervision network for 3D left atrium segmentation in late gadolinium-enhanced MRI. Medical Physics, 2022, , . | 1.6 | 3 |
| 118 | Inter-subject registration-based one-shot segmentation with alternating union network for cardiac MRI images. Medical Image Analysis, 2022, 79, 102455. | 7.0 | 3 |
| 119 | Mechanisms of ventricular arrhythmias elicited by coexistence of multiple electrophysiological remodeling in ischemia: A simulation study. PLoS Computational Biology, 2022, 18, e1009388. | 1.5 | 3 |
| 120 | Modern researches on pulse waveform of TCPD. , 0, , . | | 2 |
| 121 | A Novel Approach to Extract Sublingual Vein from Color Image. , 0, , . | | 2 |
| 122 | Recognize a Special Structure in Palmprint for Palm Medicine. Proceedings of the IEEE Symposium on Computer-Based Medical Systems, 2007, , . | 0.0 | 2 |
| 123 | Biomedical Image Processing: A Cross-Discipline Course for Undergraduate Computer Science and Technology Major. , 2008, , . | | 2 |
| 124 | Quantified Vector Oriented Tongue Color Classification. , 2009, , . | | 2 |
| 125 | A Novel Contactless Multimodal Biometric System Based on Multiple Hand Features. , 2011, , . | | 2 |
| 126 | Prediction of protein secondary structure using large margin nearest neighbor classification. , 2011, , . | | 2 |

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| 127 | Visualization using histogram based transfer functions for 3D cardiac volume data set. , 2012, , . | | 2 |
| 128 | Bright field microscopic cells counting method for BEVS using nonlinear convergence index sliding band filter. BioMedical Engineering OnLine, 2014, 13, 147. | 1.3 | 2 |
| 129 | Depth Attenuation Degree Based Visualization for Cardiac Ischemic Electrophysiological Feature Exploration. BioMed Research International, 2016, 2016, 1-8. | 0.9 | 2 |
| 130 | Effects of long-term fasting and confinement on the cardiovascular activity. Medical and Biological Engineering and Computing, 2021, 59, 1901-1915. | 1.6 | 2 |
| 131 | Palmprint recognition using directional line energy feature. , 2004, , . | | 1 |
| 132 | Directional Gaussian Derivative Filter Based Palmprint Authentication. , 2008, , . | | 1 |
| 133 | Median Filtering-Based Quotient Image Model for Face Recognition with Varying Lighting Conditions. , 2009, , . | | 1 |
| 134 | Distinguishing Patients with Gastritis and Cholecystitis from the Healthy by Analyzing Wrist Radial Arterial Doppler Blood Flow Signals. , 2010, , . | | 1 |
| 135 | Geodesic Connected Graph Representation of 3D Prismatic CAD Models. , 2010, , . | | 1 |
| 136 | Sub-Pixel Coded Structured Light Stripe Boundary Location Using Weighted Centroid Method. , 2010, , . | | 1 |
| 137 | Template Based Stereo Matching Using Graph-cut. , 2011, , . | | 1 |
| 138 | A New Layer by Layer training algorithm for multilayer feedforward neural networks. , 2011, , . | | 1 |
| 139 | Heart visualization based on hybrid transfer function using size and gradient. Bio-Medical Materials and Engineering, 2014, 24, 3353-3359. | 0.4 | 1 |
| 140 | Fast neighbourhood component analysis with spatially smooth regulariser for robust noisy face recognition. IET Biometrics, 2014, 3, 278-290. | 1.6 | 1 |
| 141 | Visualization of heart from cryosection image based on a hybrid transfer function. , 2014, , . | | 1 |
| 142 | Simulation of effects of TBX18 on the pacemaker activity of human ventricular cells. , 2015, , . | | 1 |
| 143 | Effects of propafenone on KCNH2-linked short QT syndrome: A modelling study. , 2016, , . | | 1 |
| 144 | A Temporal Area Variation Regularized Deep Learning Network for Left Ventricle Segmentation on Cardiac Magnetic Resonance. , 0, , . | | 1 |

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| 145 | Precise Pupil Boundary Detection Using Angular Integral Projection and Active Contour Model. , 2018, , . | | 1 |
| 146 | Alternans in Mouse Atrial Cardiomyocytes: A Computational Study on the Influence of Cell-Cell Coupling and I ² -Adrenergic Stimulation. IEEE Access, 2020, 8, 84806-84820. | 2.6 | 1 |
| 147 | A Simulation Study on the Pacing and Driving of the Biological Pacemaker. BioMed Research International, 2020, 2020, 1-9. | 0.9 | 1 |
| 148 | The Functional Role of Hyperpolarization Activated Current (I _f) on Cardiac Pacemaking in Human vs. in the Rabbit Sinoatrial Node: A Simulation and Theoretical Study. Frontiers in Physiology, 2021, 12, 582037. | 1.3 | 1 |
| 149 | Effect of Blocking I _{Kur} on the Genesis of Action Potential Alternans in Canine Atrium. , 0, , . | | 1 |
| 150 | Parameter by Parameter Algorithm with Goal Programming Method for Neural Network Classifiers. , 0, , . | | 0 |
| 151 | Graph based Cross-shape Recognition for Palm Diagnosis. , 2006, , . | | 0 |
| 152 | Modular neural network structure with fast training/recognition algorithm for pattern recognition. , 2008, , . | | 0 |
| 153 | An Algorithm for Extraction of Near Infrared Sublingual Veins. , 2008, , . | | 0 |
| 154 | FCM-based orientation selection for competitive coding-based palmprint recognition. , 2008, , . | | 0 |
| 155 | Mathematical Models of the Purkinje Fibre Cell and Simulations. , 2009, , . | | 0 |
| 156 | Biometric cryptographic key generation based on city block distance. , 2009, , . | | 0 |
| 157 | Rejection algorithm for mixed Chinese/English outliers. , 2010, , . | | 0 |
| 158 | Structured light stripe boundary detection using steerable filters. , 2010, , . | | 0 |
| 159 | Locally Linear Embedding for the Construction of the Purkinje System. , 2010, , . | | 0 |
| 160 | Chinese Keyword Spotting Using Knowledge-Based Clustering. , 2011, , . | | 0 |
| 161 | Realistic real-time rendering of human face with environment lighting. , 2012, , . | | 0 |
| 162 | An efficient parallel numerical method for large-scale computational models of cardiac electrophysiology. , 2012, , . | | 0 |

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| 163 | A novel seeding method based on spatial sliding volume filter for neuron reconstruction. , 2013, , . | | 0 |
| 164 | Visualization for Non-linear Enhanced Volume Data. , 2014, , . | | 0 |
| 165 | Investigation of the pro-arrhythmic effects of domperidone by a simulation study. , 2015, , . | | 0 |
| 166 | GRCVS: A GPU-based and real-time cardiac visualization system. , 2015, , . | | 0 |
| 167 | Multi-scale cardiac modelling reveal tachyarrhythmias induced by abrupt rate accelerations in long QT syndrome. , 2016, , . | | 0 |
| 168 | A Novel Reconstruction Method of 3D Heart Geometry Atlas Based on Visible Human. , 2017, , . | | 0 |
| 169 | Different Effects of Species-dependent Funny Channel Current on Engineered Biological Pacemaking Activity. , 2019, , . | | 0 |
| 170 | The Quantitative Relationship among the Number of the Pacing Cells Required, the Dimension, and the Diffusion Coefficient. BioMed Research International, 2020, 2020, 1-11. | 0.9 | 0 |
| 171 | PALMPRINT VERIFICATION USING WAVELET PACKET. , 2004, , . | | 0 |
| 172 | An automated feature extraction method for recognition of Petechia Spot in Tongue Diagnosis. , 2009, , . | | 0 |
| 173 | Computational Analysis of the Effects of KCNJ2-linked E299V Mutation Short QT Syndrome and Its Potential Therapeutic Targets. , 2021, , . | | 0 |
| 174 | Modeling the Chronotropic Effect of Isoprenaline on Bio-pacemaker: A Simulation Study. , 2021, , . | | 0 |