# Renhuan Yang

List of Publications by Year
in descending order

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|---|---|---|---|
| 21 papers | 220 citations | 1163117<br>8 h-index | 996975<br>15 g-index |
| 21 all docs | 21 docs citations | 21 times ranked | 263 citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 1 | Stability control of a fractional-order Morris–Lecar neuronal model via fractional-order washout filter. International Journal of Modern Physics C, 2022, 33, . | 1.7 | 1 |
| 2 | A parameter estimation method for fractional-order nonlinear systems based on improved whale optimization algorithm. Modern Physics Letters B, 2019, 33, 1950075. | 1.9 | 12 |
| 3 | Parameter estimation for fractional-order chaotic systems by improved bird swarm optimization algorithm. International Journal of Modern Physics C, 2019, 30, 1950086. | 1.7 | 7 |
| 4 | EEG-modulated robotic rehabilitation system for upper extremity. Biotechnology and Biotechnological Equipment, 2018, 32, 795-803. | 1.3 | 6 |
| 5 | ESTIMATION OF INTRAUTERINE PRESSURE FROM ELECTROHYSTEROGRAPHY USING HILBERT PHASE SLIPS AND STATISTICS METHOD. Journal of Mechanics in Medicine and Biology, 2017, 17, 1750089. | 0.7 | 1 |
| 6 | Parameter estimation for chaotic systems using improved bird swarm algorithm. Modern Physics Letters B, 2017, 31, 1750346. | 1.9 | 15 |
| 7 | A Parameter Estimation Method for Nonlinear Systems Based on Improved Boundary Chicken Swarm Optimization. Discrete Dynamics in Nature and Society, 2016, 2016, 1-11. | 0.9 | 17 |
| 8 | Control of repetitive firing in Hindmarsh-Rose model based on Krasovskii theorem. , 2016, , . | | 2 |
| 9 | Design and evaluation of a motor imagery electroencephalogram-controlled robot system. Advances in Mechanical Engineering, 2015, 7, 168781401557360. | 1.6 | 9 |
| 10 | Robotic neurorehabilitation system design for stroke patients. Advances in Mechanical Engineering, 2015, 7, 168781401557376. | 1.6 | 8 |
| 11 | A 3D reconstruction solution to ultrasound Joule heat density tomography based on acousto-electric effect: a simulation study. Journal of Instrumentation, 2014, 9, P10004-P10004. | 1.2 | 2 |
| 12 | A 3-D Reconstruction Solution to Current Density Imaging Based on Acoustoelectric Effect by Deconvolution: A Simulation Study. IEEE Transactions on Biomedical Engineering, 2013, 60, 1181-1190. | 4.2 | 18 |
| 13 | THE EXCITATION DISCHARGE RHYTHM OF SMALL-WORLD BIOLOGICAL NEURAL NETWORKS WITH LATERAL INHIBITION MECHANISM. Modern Physics Letters B, 2012, 26, 1150001. | 1.9 | 1 |
| 14 | EFFECT OF POSITIVE FEEDBACK WITH THRESHOLD CONTROL ON STOCHASTIC RESONANCE OF BI-STABLE SYSTEMS. International Journal of Modern Physics B, 2012, 26, 1250019. | 2.0 | 5 |
| 15 | Three-dimensional noninvasive ultrasound Joule heat tomography based on the acousto-electric effect using unipolar pulses: a simulation study. Physics in Medicine and Biology, 2012, 57, 7689-7708. | 3.0 | 7 |
| 16 | Robot-Aided Upper-Limb Rehabilitation Based on Motor Imagery EEG. International Journal of Advanced Robotic Systems, 2011, 8, 40. | 2.1 | 32 |
| 17 | 3D current source density imaging based on the acoustoelectric effect: a simulation study using unipolar pulses. Physics in Medicine and Biology, 2011, 56, 3825-3842. | 3.0 | 23 |
| 18 | FEATURE EXTRACTION OF MOTOR IMAGERY EEG BASED ON WAVELET TRANSFORM AND HIGHER-ORDER STATISTICS. International Journal of Wavelets, Multiresolution and Information Processing, 2010, 08, 373-384. | 1.3 | 32 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | ENHANCEMENT OF SPIKE SYNCHRONY IN HINDMARSH–ROSE NEURAL NETWORKS BY RANDOMLY REWIRING CONNECTIONS. Modern Physics Letters B, 2009, 23, 1405-1414. | 1.9 | 7 |
| 20 | SCALING PROPERTIES OF AN EVOLVING NETWORK MODEL WITH AGING MECHANISM. International Journal of Modern Physics C, 2009, 20, 781-787. | 1.7 | 6 |
| 21 | STOCHASTIC RESONANCE IN HINDMARSH–ROSE NEURAL NETWORK WITH SMALL-WORLD CONNECTIONS. International Journal of Modern Physics B, 2008, 22, 5365-5373. | 2.0 | 9 |