Peng Xu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

2,782 48 131 31 h-index g-index citations papers 145 3,742 4.2 5.29 avg, IF L-index ext. citations ext. papers

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 131 | Evaluation of the efficacy of the anti-ulcer oral mucosal protective agent RADoralex in the prevention and treatment of radiation-induced oral mucosal reactions induced during treatment of nasopharyngeal carcinoma <i>Cancer Biology and Therapy</i> , 2022 , 1-7 | 4.6 | 1 |
| 130 | A survey of brain network analysis by electroencephalographic signals <i>Cognitive Neurodynamics</i> , 2022 , 16, 17-41 | 4.2 | 5 |
| 129 | Psychoactive Effects of BS15 on Preventing Memory Dysfunction Induced by Acute Ethanol Exposure Through Modulating Intestinal Microenvironment and Improving Alcohol Metabolic Level <i>Frontiers in Microbiology</i> , 2022 , 13, 847468 | 5.7 | O |
| 128 | Altered temporal variability in brain functional connectivity identified by fuzzy entropy underlines schizophrenia deficits <i>Journal of Psychiatric Research</i> , 2022 , 148, 315-324 | 5.2 | 0 |
| 127 | Repetitive Transcranial Magnetic Stimulation Modulates Frontal and Temporal Time-Varying EEG Network in Generalized Anxiety Disorder: A Pilot Study <i>Frontiers in Psychiatry</i> , 2021 , 12, 779201 | 5 | 2 |
| 126 | Learning curve of a short time neurofeedback training: Reflection of brain network dynamics based on phase locking value. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2021 , 1-1 | 3 | |
| 125 | Robust Autoregression with Exogenous Input Model for System Identification and Predicting. <i>Electronics (Switzerland)</i> , 2021 , 10, 755 | 2.6 | 1 |
| 124 | Rehabilitation of motor function in children with cerebral palsy based on motor imagery. <i>Cognitive Neurodynamics</i> , 2021 , 15, 939-948 | 4.2 | 3 |
| 123 | Noise-assisted Multivariate Empirical Mode Decomposition based Causal Decomposition for brain-physiological network in bivariate and multiscale time series. <i>Journal of Neural Engineering</i> , 2021 , | 5 | 1 |
| 122 | Neural Mechanism of Affective Perception: Evidence from Phase and Causality Analysis in the Cerebral Cortex. <i>Neuroscience</i> , 2021 , 461, 44-56 | 3.9 | 3 |
| 121 | Altered Functional Connectivity in Children with ADHD Revealed by Scalp EEG: An ERP Study. <i>Neural Plasticity</i> , 2021 , 2021, 6615384 | 3.3 | 1 |
| 120 | Decision-Feedback Stages Revealed by Hidden Markov Modeling of EEG. <i>International Journal of Neural Systems</i> , 2021 , 31, 2150031 | 6.2 | 1 |
| 119 | Brain variability in dynamic resting-state networks identified by fuzzy entropy: a scalp EEG study. Journal of Neural Engineering, 2021 , 18, | 5 | 3 |
| 118 | Discrimination of Tourette Syndrome Based on the Spatial Patterns of the Resting-State EEG Network. <i>Brain Topography</i> , 2021 , 34, 78-87 | 4.3 | 5 |
| 117 | Correlation Analysis of EEG Brain Network With Modulated Acoustic Stimulation for Chronic Tinnitus Patients. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021 , 29, 156-162 | 4.8 | 2 |
| 116 | . IEEE Transactions on Cognitive and Developmental Systems, 2021 , 13, 383-390 | 3 | 5 |
| 115 | A Long Short-Term Memory Network for Sparse Spatiotemporal EEG Source Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2021 , 40, 3787-3800 | 11.7 | 1 |

(2020-2021)

| 114 | Vascular inflammation, atherosclerosis, and lipid metabolism and the occurrence of non-high albuminuria diabetic kidney disease: A cross-sectional study. <i>Diabetes and Vascular Disease Research</i> , 2021 , 18, 1479164121992524 | 3.3 | 1 | |
|-----|--|--------------------|----|--|
| 113 | The Decision Strategies of Adolescents with Different Emotional Stabilities in Unfair Situations. <i>Neuroscience Bulletin</i> , 2021 , 37, 1481-1486 | 4.3 | 0 | |
| 112 | Stereotactic radiosurgery with whole brain radiotherapy combined with bevacizumab in the treatment of brain metastases from NSCLC. <i>International Journal of Neuroscience</i> , 2021 , 1-8 | 2 | 1 | |
| 111 | EEG-Based Brain-Computer Interfaces (BCIs): A Survey of Recent Studies on Signal Sensing Technologies and Computational Intelligence Approaches and Their Applications. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021 , 18, 1645-1666 | 3 | 49 | |
| 110 | Constructing EEG Large-scale Cortical Functional Network Connectivity Based on Brain Atlas by S Estimator. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020 , 1-1 | 3 | 1 | |
| 109 | The Profiles of Non-stationarity and Non-linearity in the Time Series of Resting-State Brain Networks. <i>Frontiers in Neuroscience</i> , 2020 , 14, 493 | 5.1 | 6 | |
| 108 | Constructing large-scale cortical brain networks from scalp EEG with Bayesian nonnegative matrix factorization. <i>Neural Networks</i> , 2020 , 125, 338-348 | 9.1 | 5 | |
| 107 | The Growing From Adolescence to Adulthood Influences the Decision Strategy to Unfair Situations. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020 , 1-1 | 3 | 2 | |
| 106 | Robust brain causality network construction based on Bayesian multivariate autoregression. <i>Biomedical Signal Processing and Control</i> , 2020 , 58, 101864 | 4.9 | 2 | |
| 105 | Directed EEG neural network analysis by LAPPS (pfl) Penalized sparse Granger approach. <i>Neural Networks</i> , 2020 , 124, 213-222 | 9.1 | 5 | |
| 104 | Bacomics: a comprehensive cross area originating in the studies of various brain-apparatus conversations. <i>Cognitive Neurodynamics</i> , 2020 , 14, 425-442 | 4.2 | 8 | |
| 103 | Subject inefficiency phenomenon of motor imagery brain-computer interface: Influence factors and potential solutions. <i>Brain Science Advances</i> , 2020 , 6, 224-241 | 2 | 9 | |
| 102 | The state of memory-matched distractor in working memory influence the visual attention. <i>PLoS ONE</i> , 2020 , 15, e0242721 | 3.7 | | |
| 101 | Predicting individual decision-making responses based on single-trial EEG. <i>NeuroImage</i> , 2020 , 206, 1163 | 3 3/3 9 | 16 | |
| 100 | Inter-subject P300 variability relates to the efficiency of brain networks reconfigured from resting-to task-state: Evidence from a simultaneous event-related EEG-fMRI study. <i>NeuroImage</i> , 2020 , 205, 116 | 5283 | 25 | |
| 99 | Musical experience may help the brain respond to second language reading. <i>Neuropsychologia</i> , 2020 , 148, 107655 | 3.2 | 2 | |
| 98 | Altered Functional Connectivity after Epileptic Seizure Revealed by Scalp EEG. <i>Neural Plasticity</i> , 2020 , 2020, 8851415 | 3.3 | 3 | |
| 97 | Separated Channel Attention Convolutional Neural Network (SC-CNN-Attention) to Identify ADHD in Multi-Site Rs-fMRI Dataset. <i>Entropy</i> , 2020 , 22, | 2.8 | 10 | |

| 96 | Variations of Clinical Target Volume Delineation for Primary Site of Nasopharyngeal Cancer Among Five Centers in China. <i>Frontiers in Oncology</i> , 2020 , 10, 1572 | 5.3 | 2 |
|--|---|-----------------|---------------------|
| 95 | Impaired Frontoparietal Connectivity in Traumatic Individuals with Disorders of Consciousness: A Dynamic Brain Network Analysis 2020 , 11, 301-314 | | 10 |
| 94 | The state of memory-matched distractor in working memory influence the visual attention 2020 , 15, e0242721 | | |
| 93 | The state of memory-matched distractor in working memory influence the visual attention 2020 , 15, e0242721 | | |
| 92 | The state of memory-matched distractor in working memory influence the visual attention 2020 , 15, e0242721 | | |
| 91 | The state of memory-matched distractor in working memory influence the visual attention 2020 , 15, e0242721 | | |
| 90 | . IEEE Access, 2019 , 7, 52467-52472 | 3.5 | 6 |
| 89 | Transcranial Magnetic Stimulation to the Middle Frontal Gyrus During Attention Modes Induced Dynamic Module Reconfiguration in Brain Networks. <i>Frontiers in Neuroinformatics</i> , 2019 , 13, 22 | 3.9 | 13 |
| 88 | Differentiation of Schizophrenia by Combining the Spatial EEG Brain Network Patterns of Rest and Task P300. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019 , 27, 594-602 | 4.8 | 39 |
| 87 | . IEEE Access, 2019 , 7, 40959-40968 | 3.5 | 8 |
| | |)•) | |
| 86 | EEG Based Emotion Recognition by Combining Functional Connectivity Network and Local Activations. <i>IEEE Transactions on Biomedical Engineering</i> , 2019 , 66, 2869-2881 | 5 | 115 |
| 86 85 | | | 115 |
| | Activations. <i>IEEE Transactions on Biomedical Engineering</i> , 2019 , 66, 2869-2881 Measuring the Non-linear Directed Information Flow in Schizophrenia by Multivariate Transfer | 5 | |
| 85 | Activations. IEEE Transactions on Biomedical Engineering, 2019, 66, 2869-2881 Measuring the Non-linear Directed Information Flow in Schizophrenia by Multivariate Transfer Entropy. Frontiers in Computational Neuroscience, 2019, 13, 85 The Dynamic Brain Networks of Motor Imagery: Time-Varying Causality Analysis of Scalp EEG. | 5 3·5 | 12 |
| 8 ₅ | Activations. IEEE Transactions on Biomedical Engineering, 2019, 66, 2869-2881 Measuring the Non-linear Directed Information Flow in Schizophrenia by Multivariate Transfer Entropy. Frontiers in Computational Neuroscience, 2019, 13, 85 The Dynamic Brain Networks of Motor Imagery: Time-Varying Causality Analysis of Scalp EEG. International Journal of Neural Systems, 2019, 29, 1850016 Predicting individual decision-making responses based on the functional connectivity of | 5 3·5 6.2 | 12 47 |
| 8 ₅ 8 ₄ 8 ₃ | Activations. IEEE Transactions on Biomedical Engineering, 2019, 66, 2869-2881 Measuring the Non-linear Directed Information Flow in Schizophrenia by Multivariate Transfer Entropy. Frontiers in Computational Neuroscience, 2019, 13, 85 The Dynamic Brain Networks of Motor Imagery: Time-Varying Causality Analysis of Scalp EEG. International Journal of Neural Systems, 2019, 29, 1850016 Predicting individual decision-making responses based on the functional connectivity of resting-state EEG. Journal of Neural Engineering, 2019, 16, 066025 Hierarchical feature fusion framework for frequency recognition in SSVEP-based BCIs. Neural | 5 3.5 6.2 | 12 47 8 |
| 85 84 83 82 | Activations. IEEE Transactions on Biomedical Engineering, 2019, 66, 2869-2881 Measuring the Non-linear Directed Information Flow in Schizophrenia by Multivariate Transfer Entropy. Frontiers in Computational Neuroscience, 2019, 13, 85 The Dynamic Brain Networks of Motor Imagery: Time-Varying Causality Analysis of Scalp EEG. International Journal of Neural Systems, 2019, 29, 1850016 Predicting individual decision-making responses based on the functional connectivity of resting-state EEG. Journal of Neural Engineering, 2019, 16, 066025 Hierarchical feature fusion framework for frequency recognition in SSVEP-based BCIs. Neural Networks, 2019, 119, 1-9 | 5 3.5 6.2 | 12 47 8 16 |

(2018-2019)

| 78 | Separated channel convolutional neural network to realize the training free motor imagery BCI systems. <i>Biomedical Signal Processing and Control</i> , 2019 , 49, 396-403 | 4.9 | 46 |
|----|---|--------------------------------|-----|
| 77 | Transition of brain networks from an interictal to a preictal state preceding a seizure revealed by scalp EEG network analysis. <i>Cognitive Neurodynamics</i> , 2019 , 13, 175-181 | 4.2 | 17 |
| 76 | Clinical outcome and prognostic analysis of young adults nasopharyngeal carcinoma patients of a nonendemic area in intensity-modulated radiotherapy era. <i>Future Oncology</i> , 2019 , 15, 381-389 | 3.6 | 2 |
| 75 | Different Decision-Making Responses Occupy Different Brain Networks for Information Processing: A Study Based on EEG and TMS. <i>Cerebral Cortex</i> , 2019 , 29, 4119-4129 | 5.1 | 29 |
| 74 | Brain Network Reconfiguration During Motor Imagery Revealed by a Large-Scale Network Analysis of Scalp EEG. <i>Brain Topography</i> , 2019 , 32, 304-314 | 4.3 | 15 |
| 73 | Different Contexts in the Oddball Paradigm Induce Distinct Brain Networks in Generating the P300. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 520 | 3.3 | 11 |
| 72 | Prognostic variables for temporal lobe injury after intensity modulated-radiotherapy of nasopharyngeal carcinoma. <i>Cancer Medicine</i> , 2018 , 7, 557-564 | 4.8 | 23 |
| 71 | Lp (p 🛮) Norm Partial Directed Coherence for Directed Network Analysis of Scalp EEGs. <i>Brain Topography</i> , 2018 , 31, 738-752 | 4.3 | 7 |
| 70 | Improved Graph Embedding for Robust Recognition with outliers. Scientific Reports, 2018, 8, 4231 | 4.9 | О |
| 69 | An Adaptive Calibration Framework for mVEP-Based Brain-Computer Interface. <i>Computational and Mathematical Methods in Medicine</i> , 2018 , 2018, 9476432 | 2.8 | 3 |
| 68 | Periodic Visual Stimulation Induces Resting-State Brain Network Reconfiguration. <i>Frontiers in Computational Neuroscience</i> , 2018 , 12, 21 | 3.5 | 8 |
| 67 | Top-Down Disconnectivity in Schizophrenia During P300 Tasks. <i>Frontiers in Computational Neuroscience</i> , 2018 , 12, 33 | 3.5 | 11 |
| 66 | Correlated Component Analysis for Enhancing the Performance of SSVEP-Based Brain-Computer Interface. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018 , 26, 948-956 | 4.8 | 43 |
| 65 | Tumor Volume Reduction After Gemcitabine Plus Cisplatin Induction Chemotherapy in Locally Advanced Nasopharyngeal Cancer: Comparison with Paclitaxel and Cisplatin Regimens. <i>Medical Science Monitor</i> , 2018 , 24, 8001-8008 | 3.2 | 7 |
| 64 | Sparse EEG Source Localization Using LAPPS: Least Absolute l-P (0 IEEE Transactions on Biomedical Engineering, 2018 , | 5 | 9 |
| 63 | The Time-Varying Network Patterns in Motor Imagery Revealed by Adaptive Directed Transfer Function Analysis for fMRI. <i>IEEE Access</i> , 2018 , 6, 60339-60352 | 3.5 | 5 |
| 62 | The Construction of Large-Scale Cortical Networks for P300 From Scalp EEG. <i>IEEE Access</i> , 2018 , 6, 6849 | 98 -56 \$ 50 | 068 |
| 61 | Two-Stage Frequency Recognition Method Based on Correlated Component Analysis for SSVEP-Based BCI. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018 , 26, 1314-1 | 32 3 8 | 48 |

| 60 | The hybrid BCI system for movement control by combining motor imagery and moving onset visual evoked potential. <i>Journal of Neural Engineering</i> , 2017 , 14, 026015 | 5 | 61 |
|----|--|-----|----|
| 59 | Predictors for drug effects with brain disease: Shed new light from EEG parameters to brain connectomics. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 110, 26-36 | 5.1 | 2 |
| 58 | The extension of multivariate synchronization index method for SSVEP-based BCI. <i>Neurocomputing</i> , 2017 , 269, 226-231 | 5.4 | 34 |
| 57 | Robust Granger Analysis in Lp Norm Space for Directed EEG Network Analysis. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017 , 25, 1959-1969 | 4.8 | 11 |
| 56 | Extracting time-frequency feature of single-channel vastus medialis EMG signals for knee exercise pattern recognition. <i>PLoS ONE</i> , 2017 , 12, e0180526 | 3.7 | 11 |
| 55 | Frequency-difference-dependent stochastic resonance in neural systems. <i>Physical Review E</i> , 2017 , 96, 022415 | 2.4 | 61 |
| 54 | White Matter Connectivity Pattern Associate with Characteristics of Scalp EEG Signals. <i>Brain Topography</i> , 2017 , 30, 797-809 | 4.3 | 3 |
| 53 | The extraction of motion-onset VEP BCI features based on deep learning and compressed sensing. Journal of Neuroscience Methods, 2017 , 275, 80-92 | 3 | 42 |
| 52 | Noise-assisted multivariate empirical mode decomposition for multichannel EMG signals. <i>BioMedical Engineering OnLine</i> , 2017 , 16, 107 | 4.1 | 20 |
| 51 | Time-Varying Networks of Inter-Ictal Discharging Reveal Epileptogenic Zone. <i>Frontiers in Computational Neuroscience</i> , 2017 , 11, 77 | 3.5 | 14 |
| 50 | MATLAB Toolboxes for Reference Electrode Standardization Technique (REST) of Scalp EEG. <i>Frontiers in Neuroscience</i> , 2017 , 11, 601 | 5.1 | 67 |
| 49 | Cortical Dynamic Causality Network for Auditory-Motor Tasks. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017 , 25, 1092-1099 | 4.8 | 7 |
| 48 | Robust frequency recognition for SSVEP-based BCI with temporally local multivariate synchronization index. <i>Cognitive Neurodynamics</i> , 2016 , 10, 505-511 | 4.2 | 38 |
| 47 | The Time-Varying Networks in P300: A Task-Evoked EEG Study. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2016 , 24, 725-33 | 4.8 | 52 |
| 46 | Regulation of Irregular Neuronal Firing by Autaptic Transmission. Scientific Reports, 2016, 6, 26096 | 4.9 | 68 |
| 45 | Structural and functional correlates of motor imagery BCI performance: Insights from the patterns of fronto-parietal attention network. <i>Neurolmage</i> , 2016 , 134, 475-485 | 7.9 | 59 |
| 44 | The graph theoretical analysis of the SSVEP harmonic response networks. <i>Cognitive Neurodynamics</i> , 2015 , 9, 305-15 | 4.2 | 23 |
| 43 | Characterizing nonlinear relationships in functional imaging data using eigenspace maximal information canonical correlation analysis (emiCCA). <i>NeuroImage</i> , 2015 , 109, 388-401 | 7.9 | 17 |

(2014-2015)

| 42 | Predicting Inter-session Performance of SMR-Based Brain-Computer Interface Using the Spectral Entropy of Resting-State EEG. <i>Brain Topography</i> , 2015 , 28, 680-690 | 4.3 | 45 |
|----|---|-------------|-----|
| 41 | An Adaptive Motion-Onset VEP-Based Brain-Computer Interface. <i>IEEE Transactions on Autonomous Mental Development</i> , 2015 , 7, 349-356 | | 11 |
| 40 | Efficient resting-state EEG network facilitates motor imagery performance. <i>Journal of Neural Engineering</i> , 2015 , 12, 066024 | 5 | 73 |
| 39 | Autoregressive model in the Lp norm space for EEG analysis. <i>Journal of Neuroscience Methods</i> , 2015 , 240, 170-8 | 3 | 24 |
| 38 | The enhanced information flow from visual cortex to frontal area facilitates SSVEP response: evidence from model-driven and data-driven causality analysis. <i>Scientific Reports</i> , 2015 , 5, 14765 | 4.9 | 12 |
| 37 | Relationships between the resting-state network and the P3: Evidence from a scalp EEG study. <i>Scientific Reports</i> , 2015 , 5, 15129 | 4.9 | 56 |
| 36 | Enhanced Z-LDA for Small Sample Size Training in Brain-Computer Interface Systems. Computational and Mathematical Methods in Medicine, 2015 , 2015, 680769 | 2.8 | 1 |
| 35 | Critical Roles of the Direct GABAergic Pallido-cortical Pathway in Controlling Absence Seizures. <i>PLoS Computational Biology</i> , 2015 , 11, e1004539 | 5 | 42 |
| 34 | Multivariate synchronization index for frequency recognition of SSVEP-based brain-computer interface. <i>Journal of Neuroscience Methods</i> , 2014 , 221, 32-40 | 3 | 148 |
| 33 | Using particle swarm to select frequency band and time interval for feature extraction of EEG based BCI. <i>Biomedical Signal Processing and Control</i> , 2014 , 10, 289-295 | 4.9 | 30 |
| 32 | Differentiating between psychogenic nonepileptic seizures and epilepsy based on common spatial pattern of weighted EEG resting networks. <i>IEEE Transactions on Biomedical Engineering</i> , 2014 , 61, 1747- | <i>5</i> 55 | 42 |
| 31 | Robust removal of ocular artifacts by combining Independent Component Analysis and system identification. <i>Biomedical Signal Processing and Control</i> , 2014 , 10, 250-259 | 4.9 | 37 |
| 30 | Simultaneous EEG-fMRI: trial level spatio-temporal fusion for hierarchically reliable information discovery. <i>NeuroImage</i> , 2014 , 99, 28-41 | 7.9 | 22 |
| 29 | Combining canonical correlation analysis and infinite reference for frequency recognition of steady-state visual evoked potential recordings: a comparison with periodogram method. <i>Bio-Medical Materials and Engineering</i> , 2014 , 24, 2901-8 | 1 | 1 |
| 28 | Recognizing mild cognitive impairment based on network connectivity analysis of resting EEG with zero reference. <i>Physiological Measurement</i> , 2014 , 35, 1279-98 | 2.9 | 27 |
| 27 | Bidirectional control of absence seizures by the basal ganglia: a computational evidence. <i>PLoS Computational Biology</i> , 2014 , 10, e1003495 | 5 | 67 |
| 26 | White matter structure in loneliness: preliminary findings from diffusion tensor imaging. <i>NeuroReport</i> , 2014 , 25, 843-847 | 1.7 | 15 |
| 25 | An efficient frequency recognition method based on likelihood ratio test for SSVEP-based BCI. <i>Computational and Mathematical Methods in Medicine</i> , 2014 , 2014, 908719 | 2.8 | 21 |

| 24 | Brain oscillations and electroencephalography scalp networks during tempo perception. <i>Neuroscience Bulletin</i> , 2013 , 29, 731-6 | 4.3 | 17 |
|----|---|------|-----|
| 23 | L1 norm based common spatial patterns decomposition for scalp EEG BCI. <i>BioMedical Engineering OnLine</i> , 2013 , 12, 77 | 4.1 | 31 |
| 22 | Improved wavelet entropy calculation with window functions and its preliminary application to study intracranial pressure. <i>Computers in Biology and Medicine</i> , 2013 , 43, 425-33 | 7 | 20 |
| 21 | Prediction of SSVEP-based BCI performance by the resting-state EEG network. <i>Journal of Neural Engineering</i> , 2013 , 10, 066017 | 5 | 41 |
| 20 | Altered brain connectivity in patients with psychogenic non-epileptic seizures: a scalp electroencephalography study. <i>Journal of International Medical Research</i> , 2013 , 41, 1682-90 | 1.4 | 20 |
| 19 | Cortical network properties revealed by SSVEP in anesthetized rats. <i>Scientific Reports</i> , 2013 , 3, 2496 | 4.9 | 25 |
| 18 | SSVEP response is related to functional brain network topology entrained by the flickering stimulus. <i>PLoS ONE</i> , 2013 , 8, e72654 | 3.7 | 29 |
| 17 | Z-score linear discriminant analysis for EEG based brain-computer interfaces. <i>PLoS ONE</i> , 2013 , 8, e7443 | 33.7 | 56 |
| 16 | Local temporal correlation common spatial patterns for single trial EEG classification during motor imagery. <i>Computational and Mathematical Methods in Medicine</i> , 2013 , 2013, 591216 | 2.8 | 24 |
| 15 | Multiple frequencies sequential coding for SSVEP-based brain-computer interface. <i>PLoS ONE</i> , 2012 , 7, e29519 | 3.7 | 88 |
| 14 | An enhanced probabilistic LDA for multi-class brain computer interface. <i>PLoS ONE</i> , 2011 , 6, e14634 | 3.7 | 41 |
| 13 | Neuroelectric source imaging using 3SCO: a space coding algorithm based on particle swarm optimization and l0 norm constraint. <i>Neurolmage</i> , 2010 , 51, 183-205 | 7.9 | 27 |
| 12 | A comparative study of different references for EEG default mode network: the use of the infinity reference. <i>Clinical Neurophysiology</i> , 2010 , 121, 1981-91 | 4.3 | 149 |
| 11 | A parallel framework for simultaneous EEG/fMRI analysis: methodology and simulation. <i>Neurolmage</i> , 2010 , 52, 1123-34 | 7.9 | 43 |
| 10 | Improved noninvasive intracranial pressure assessment with nonlinear kernel regression. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2010 , 14, 971-8 | | 23 |
| 9 | Synthesis and antibacterial activity of 11,12-carbamate-3-O-acyl erythromycin derivatives. <i>Journal of Asian Natural Products Research</i> , 2009 , 11, 880-97 | 1.5 | 2 |
| 8 | Pulse onset detection using neighbor pulse-based signal enhancement. <i>Medical Engineering and Physics</i> , 2009 , 31, 337-45 | 2.4 | 13 |
| 7 | Time Series Mining Approach for Noninvasive Intracranial Pressure Assessment: An Investigation of Different Regularization Techniques 2009 , | | 1 |

LIST OF PUBLICATIONS

| 6 | Solving of L0 norm constrained EEG inverse problem. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2009 , 2009, 69-72 | 0.9 | 1 |
|---|--|-------|----|
| 5 | Wavelet entropy characterization of elevated intracranial pressure. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 2924-7 | 0.9 | 5 |
| 4 | Synthesis and antibacterial activity of 4WO-heteroarylcarbamoyl derivatives of macrolide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 5507-11 | 2.9 | 14 |
| | | | |
| 3 | Lp norm iterative sparse solution for EEG source Localization. <i>IEEE Transactions on Biomedical Engineering</i> , 2007 , 54, 400-9 | 5 | 74 |
| 2 | | 5 4.2 | 74 |