# Qingshan She

List of Publications by Year
in descending order

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|---|---|---|---|
| 45 papers | 576 citations | 840119 <br> 11 h-index | 676716 <br> 22 g-index |
| 49 all docs | 49 docs citations | 49 times ranked | 675 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Classification of Motor Imagery EEG Signals with Support Vector Machines and Particle Swarm Optimization. Computational and Mathematical Methods in Medicine, 2016, 2016, 1-8. | 0.7 | 65 |
| 2 | Driving Fatigue Detection from EEG Using a Modified PCANet Method. Computational Intelligence and Neuroscience, 2019, 2019, 1-9. | 1.1 | 59 |
| 3 | A hierarchical semi-supervised extreme learning machine method for EEG recognition. Medical and Biological Engineering and Computing, 2019, 57, 147-157. | 1.6 | 53 |
| 4 | Research on air pollutant concentration prediction method based on self-adaptive neuro-fuzzy weighted extreme learning machine. Environmental Pollution, 2018, 241, 1115-1127. | 3.7 | 45 |
| 5 | EMG signals based gait phases recognition using hidden Markov models. , 2010, , . | | 37 |
| 6 | Finite-time stability analysis of discrete-time fuzzy Hopfield neural network. Neurocomputing, 2015, 159, 263-267. | 3.5 | 36 |
| 7 | Safe Semi-Supervised Extreme Learning Machine for EEG Signal Classification. IEEE Access, 2018, 6, 49399-49407. | 2.6 | 27 |
| 8 | Sub-band target alignment common spatial pattern in brain-computer interface. Computer Methods and Programs in Biomedicine, 2021, 207, 106150. | 2.6 | 21 |
| 9 | Sparse Representation-Based Extreme Learning Machine for Motor Imagery EEG Classification. Computational Intelligence and Neuroscience, 2018, 2018, 1-9. | 1.1 | 20 |
| 10 | Motor imagery EEG decoding using manifold embedded transfer learning. Journal of Neuroscience Methods, 2022, 370, 109489. | 1.3 | 19 |
| 11 | Multiclass Posterior Probability Twin SVM for Motor Imagery EEG Classification. Computational Intelligence and Neuroscience, 2015, 2015, 1-9. | 1.1 | 14 |
| 12 | Multi-class motor imagery EEG classification using collaborative representation-based semi-supervised extreme learning machine. Medical and Biological Engineering and Computing, 2020, 58, 2119-2130. | 1.6 | 14 |
| 13 | Multiple kernel learning SVM-based EMG pattern classification for lower limb control. , 2010, , . | | 13 |
| 14 | Balanced Graph-based regularized semi-supervised extreme learning machine for EEG classification. International Journal of Machine Learning and Cybernetics, 2021, 12, 903-916. | 2.3 | 13 |
| 15 | Denoising of surface electromyogram based on complementary ensemble empirical mode decomposition and improved interval thresholding. Review of Scientific Instruments, 2019, 90, 035003. | 0.6 | 11 |
| 16 | Quantized H âˆž Filtering for Different Communication Channels. Circuits, Systems, and Signal Processing, 2012, 31, 501-519. | 1.2 | 10 |
| 17 | Scale-Dependent Signal Identification in Low-Dimensional Subspace: Motor Imagery Task Classification. Neural Plasticity, 2016, 2016, 1-15. | 1.0 | 10 |
| 18 | Image-Dehazing Method Based on the Fusion Coding of Contours and Colors. IEEE Access, 2019, 7, 147857-147871. | 2.6 | 10 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Optimal channel-based sparse time-frequency blocks common spatial pattern feature extraction method for motor imagery classification. Mathematical Biosciences and Engineering, 2021, 18, 4247-4263. | 1.0 | 10 |
| 20 | A risk degree-based safe semi-supervised learning algorithm. International Journal of Machine Learning and Cybernetics, 2016, 7, 85-94. | 2.3 | 9 |
| 21 | Noise-assisted MEMD based relevant IMFs identification and EEG classification. Journal of Central South University, 2017, 24, 599-608. | 1.2 | 9 |
| 22 | Transfer of semi-supervised broad learning system in electroencephalography signal classification. Neural Computing and Applications, 2021, 33, 10597-10613. | 3.2 | 9 |
| 23 | Automatic recognition of gait mode from EMG signals of lower limb. , 2010, , . | | 7 |
| 24 | Time-Frequency-Domain Copula-Based Granger Causality and Application to Corticomuscular Coupling in Stroke. International Journal of Humanoid Robotics, 2019, 16, 1950018. | 0.6 | 7 |
| 25 | Generalization improvement for regularized least squares classification. Neural Computing and Applications, 2019, 31, 1045-1051. | 3.2 | 7 |
| 26 | Decoding EEG in Motor Imagery Tasks with Graph Semi-Supervised Broad Learning. Electronics (Switzerland), 2019, 8, 1273. | 1.8 | 7 |
| 27 | Developing a feature decoder network with low-to-high hierarchies to improve edge detection. Multimedia Tools and Applications, 2021, 80, 1611-1624. | 2.6 | 6 |
| 28 | Multi-task Motor Imagery EEG Classification Using Broad Learning and Common Spatial Pattern. IFIP Advances in Information and Communication Technology, 2018, , 3-10. | 0.5 | 5 |
| 29 | Double-Criteria Active Learning for Multiclass Brain-Computer Interfaces. Computational Intelligence and Neuroscience, 2020, 2020, 1-13. | 1.1 | 5 |
| 30 | Spatio-temporal SRU with global context-aware attention for 3D human action recognition. Multimedia Tools and Applications, 2020, 79, 12349-12371. | 2.6 | 3 |
| 31 | Sparse representation-based classification with two-dimensional dictionary optimization for motor imagery EEG pattern recognition. Journal of Neuroscience Methods, 2021, 361, 109274. | 1.3 | 3 |
| 32 | Crossing time windows optimization based on mutual information for hybrid BCI. Mathematical Biosciences and Engineering, 2021, 18, 7919-7935. | 1.0 | 2 |
| 33 | Excessive-emission vehicles real-time track matching algorithm based on road network topology and weights. , 2019, , . | | 2 |
| 34 | An error compensation method for remote sensing measurement of mobile source emissions. Measurement Science and Technology, 2018, 29, 105202. | 1.4 | 1 |
| 35 | A multi-task collaborative learning method based on auxiliary training and geometric constraints. , 2018, , . | | 1 |
| 36 | Motor Imagery EEG Feature Extraction Based on Fuzzy Entropy with Wavelet Transform. Advances in Intelligent Systems and Computing, 2021, , 1668-1678. | 0.5 | 1 |

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|---|---------|-----|-----------|
| 37 | A Fuzzy Membership Model for FSVR-Based Image Coding. , 2008, , . | | 0 |
| 38 | Error Resilient Design for Transmission Control in Wireless Networks. , 2009, , . | | 0 |
| 39 | New causality with adaptive model order and its applications to motor imagery EEG. , 2018, , . | | 0 |
| 40 | Research on Trajectory Prediction Method of Mobile Pollution Source Based on Hybrid Genetic Particle Swarm and optimized Extreme Learning Machine. , 2019, , . | | 0 |
| 41 | On P300 Signal Recognition Algorithms Based on Convolutional Neural Network. , 2019, , . | | 0 |
| 42 | A control method for an intelligent wheelchair based on un/intentional head gesture recognition. , 2014, , . | | 0 |
| 43 | Deep Spatio-Temporal Dense Network for Regional Pollution Prediction. Advances in Intelligent Systems and Computing, 2021, , 90-99. | 0.5 | 0 |
| 44 | Class Imbalance SS-ELM for Regional Air Pollution Prediction. , 2020, , . | | 0 |
| 45 | EEG feature extraction algorithm based on CSP and R-CSP. , 2020, , . | | 0 |