

Hong-Bo Xie

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

361
citations

1478505

6
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	Mean frequency derived via Hilbert-Huang transform with application to fatigue EMG signal analysis. Computer Methods and Programs in Biomedicine, 2006, 82, 114-120.	4.7	139
2	Classification of the mechanomyogram signal using a wavelet packet transform and singular value decomposition for multifunction prosthesis control. Physiological Measurement, 2009, 30, 441-457.	2.1	121
3	Estimation of wrist angle from sonomyography using support vector machine and artificial neural network models. Medical Engineering and Physics, 2009, 31, 384-391.	1.7	56
4	Multiscale Two-Directional Two-Dimensional Principal Component Analysis and Its Application to High-Dimensional Biomedical Signal Classification. IEEE Transactions on Biomedical Engineering, 2016, 63, 1416-1425.	4.2	13
5	Image Denoising Based on Nonlocal Bayesian Singular Value Thresholding and Stein's Unbiased Risk Estimator. IEEE Transactions on Image Processing, 2019, 28, 4899-4911.	9.8	11
6	Bayesian Nonnegative Matrix Factorization With Dirichlet Process Mixtures. IEEE Transactions on Signal Processing, 2020, 68, 3860-3870.	5.3	9
7	Kernelized Sparse Bayesian Matrix Factorization. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 391-404.	11.3	6
8	Robust Kernelized Bayesian Matrix Factorization for Video Background/Foreground Separation. Lecture Notes in Computer Science, 2019, , 484-495.	1.3	3
9	Support vector machine in computer aided clinical electromyography. , 0, , .		2
10	Myoelectric signal classification based on S transform and two-directional two-dimensional principal component analysis. Transactions of the Institute of Measurement and Control, 2018, 40, 2387-2395.	1.7	1
11	Nonparametric Bayesian Nonnegative Matrix Factorization. Lecture Notes in Computer Science, 2020, , 132-141.	1.3	0