Nguyen Linh-Trung

List of Publications by Year
in descending order

36 papers	236 citations	1307366 7 h-index	1281743 11 g-index
36 all docs	36 docs citations	36 times ranked	157 citing authors

#	Article	IF	Citations
1	Multi-channel EEG epileptic spike detection by a new method of tensor decomposition. Journal of Neural Engineering, 2020, 17, 016023.	1.8	39
2	Collaborative Learning Model for Cyberattack Detection Systems in IoT Industry 4.0. , 2020, , .		38
3	Robust Subspace Tracking With Missing Data and Outliers: Novel Algorithm With Convergence Guarantee. IEEE Transactions on Signal Processing, 2021, 69, 2070-2085.	3.2	20
4	Low-Complexity Adaptive Algorithms for Robust Subspace Tracking. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 1197-1212.	7.3	14
5	Low-dose CT image denoising using deep convolutional neural networks with extended receptive fields. Signal, Image and Video Processing, 2022, 16, 1963-1971.	1.7	14
6	Second-order optimization based adaptive PARAFAC decomposition of three-way tensors. , 2017, 63, 100-111.		13
7	Generalized Minimum Noise Subspace For Array Processing. IEEE Transactions on Signal Processing, 2017, 65, 3789-3802.	3.2	11
8	Misspecified Cramerâ€"Rao Bounds for Blind Channel Estimation Under Channel Order Misspecification. IEEE Transactions on Signal Processing, 2021, 69, 5372-5385.	3.2	9
9	Fast image acquisition in magnetic resonance imaging by chaotic compressed sensing. , 2011, , .		8
10	Robust subspace tracking algorithms using fast adaptive Mahalanobis distance. Signal Processing, 2022, 195, 108402.	2.1	8
11	Relay selection in two-way relaying networks with the presence of hardware impairment at relay transceiver. , 2014, , .		5
12	Fast tensor decompositions for big data processing. , 2016, , .		5
13	An Effective Framework of Private Ethereum Blockchain Networks for Smart Grid. , 2021, , .		5
14	An effective example-based denoising method for CT images using Markov random field. , 2014, , .		4
15	An efficient example-based method for CT image denoising based on frequency decomposition and sparse representation. , 2016, , .		4
16	Adaptive PARAFAC decomposition for third-order tensor completion. , 2016, , .		4
17	Dilated Residual Convolutional Neural Networks for Low-Dose CT Image Denoising. , 2020, , .		4
18	An effective procedure for reducing EOG and EMG artefacts from EEG signals. , 2013, , .		3

#	Article	IF	Citations
19	Multi-source data analysis for bike sharing systems. , 2017, , .		3
20	AutoEncoder-based feature ranking for Alzheimer Disease classification using PET image. Machine Learning With Applications, 2021, 6, 100184.	3.0	3
21	On the implementation of chaotic compressed sensing for MRI. , 2016, , .		2
22	Network Coding with Multimedia Transmission: A Software-Defined-Radio based Implementation. , 2019, , .		2
23	EEG Source Localization: A New Multiway Temporal-Spatial-Spectral Analysis. , 2019, , .		2
24	Robust Subspace Tracking with Missing Data and Outliers via ADMM. , 2019, , .		2
25	Simulation study of two-dimensional viscoelastic imaging of soft tissues using the extended Kalman filter for tumor detection. Simulation, 2020, 96, 435-447.	1.1	2
26	On the Gaussian CramÃ©r-Rao Bound for Blind Single-Input Multiple-Output System Identification: Fast and Asymptotic Computations. IEEE Access, 2020, 8, 166503-166512.	2.6	2
27	EEG Peak Detection in Cognitive Conflict Processing Using Summit Navigator and Clustering-Based Ranking. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 1548-1556.	2.7	2
28	Spread spectrum for chaotic compressed sensing techniques in parallel magnetic resonance imaging. , 2011, , .		1
29	Nonnegative Tensor Decomposition for EEG Epileptic Spike Detection. , 2018, , .		1
30	Robust Denoising of Low-Dose CT Images using Convolutional Neural Networks. , 2019, , .		1
31	A closed-form expression of the BER of reconfigurable antenna aided Space Shift Keying (SSK). , 2019, , .		1
32	Autoencoder based Friendly Jamming. , 2020, , .		1
33	Efficiently compressing 3D medical images for teleinterventions via CNNs and anisotropic diffusion. Medical Physics, 2021, 48, 2877-2890.	1.6	1
34	Automatic scan range for dose-reduced multiphase CT imaging of the liver utilizing CNNs and Gaussian models. Medical Image Analysis, 2022, 78, 102422.	7.0	1
35	Sparse Subspace Tracking in High Dimensions. , 2022, , .		1
36	On the overall ROC of multistage systems. , 2017, , .		0