

# Nguyen Linh-Trung

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Robust subspace tracking algorithms using fast adaptive Mahalanobis distance. Signal Processing, 2022, 195, 108402.	2.1	8
2	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
3	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
4	Sparse Subspace Tracking in High Dimensions. , 2022, , .		1
5	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
6	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
7	Misspecified Cramer-Rao Bounds for Blind Channel Estimation Under Channel Order Misspecification. IEEE Transactions on Signal Processing, 2021, 69, 5372-5385.	3.2	9
8	Efficiently compressing 3D medical images for teleinterventions via CNNs and anisotropic diffusion. Medical Physics, 2021, 48, 2877-2890.	1.6	1
9	AutoEncoder-based feature ranking for Alzheimer Disease classification using PET image. Machine Learning With Applications, 2021, 6, 100184.	3.0	3
10	An Effective Framework of Private Ethereum Blockchain Networks for Smart Grid. , 2021, , .		5
11	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
12	Multi-channel EEG epileptic spike detection by a new method of tensor decomposition. Journal of Neural Engineering, 2020, 17, 016023.	1.8	39
13	On the Gaussian Cram�r-Rao Bound for Blind Single-Input Multiple-Output System Identification: Fast and Asymptotic Computations. IEEE Access, 2020, 8, 166503-166512.	2.6	2
14	Autoencoder based Friendly Jamming. , 2020, , .		1
15	Collaborative Learning Model for Cyberattack Detection Systems in IoT Industry 4.0. , 2020, , .		38
16	Dilated Residual Convolutional Neural Networks for Low-Dose CT Image Denoising. , 2020, , .		4
17	Network Coding with Multimedia Transmission: A Software-Defined-Radio based Implementation. , 2019, , .		2
18	Robust Denoising of Low-Dose CT Images using Convolutional Neural Networks. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	EEG Source Localization: A New Multiway Temporal-Spatial-Spectral Analysis. , 2019, , .		2
20	A closed-form expression of the BER of reconfigurable antenna aided Space Shift Keying (SSK). , 2019, , .		1
21	Robust Subspace Tracking with Missing Data and Outliers via ADMM. , 2019, , .		2
22	Nonnegative Tensor Decomposition for EEG Epileptic Spike Detection. , 2018, , .		1
23	Low-Complexity Adaptive Algorithms for Robust Subspace Tracking. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 1197-1212.	7.3	14
24	Second-order optimization based adaptive PARAFAC decomposition of three-way tensors. , 2017, 63, 100-111.		13
25	Generalized Minimum Noise Subspace For Array Processing. IEEE Transactions on Signal Processing, 2017, 65, 3789-3802.	3.2	11
26	On the overall ROC of multistage systems. , 2017, , .		0
27	Multi-source data analysis for bike sharing systems. , 2017, , .		3
28	On the implementation of chaotic compressed sensing for MRI. , 2016, , .		2
29	Fast tensor decompositions for big data processing. , 2016, , .		5
30	An efficient example-based method for CT image denoising based on frequency decomposition and sparse representation. , 2016, , .		4
31	Adaptive PARAFAC decomposition for third-order tensor completion. , 2016, , .		4
32	An effective example-based denoising method for CT images using Markov random field. , 2014, , .		4
33	Relay selection in two-way relaying networks with the presence of hardware impairment at relay transceiver. , 2014, , .		5
34	An effective procedure for reducing EOG and EMG artefacts from EEG signals. , 2013, , .		3
35	Fast image acquisition in magnetic resonance imaging by chaotic compressed sensing. , 2011, , .		8
36	Spread spectrum for chaotic compressed sensing techniques in parallel magnetic resonance imaging. , 2011, , .		1