

Shuaiqi Liu

List of Publications by Year in descending order

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papers

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times ranked

882
citing authors

#	ARTICLE	IF	CITATIONS
1	SAR Image Denoising via Sparse Representation in Shearlet Domain Based on Continuous Cycle Spinning. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2985-2992.	6.3	84
2	A five-layer deep convolutional neural network with stochastic pooling for chest CT-based COVID-19 diagnosis. Machine Vision and Applications, 2021, 32, 14.	2.7	62
3	Hankel Low-Rank Approximation for Seismic Noise Attenuation. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 561-573.	6.3	61
4	3DCANN: A Spatio-Temporal Convolution Attention Neural Network for EEG Emotion Recognition. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 5321-5331.	6.3	61
5	Convolutional Neural Network and Guided Filtering for SAR Image Denoising. Remote Sensing, 2019, 11, 702.	4.0	54
6	Bayesian Shearlet shrinkage for SAR image de-noising via sparse representation. Multidimensional Systems and Signal Processing, 2014, 25, 683-701.	2.6	52
7	SAR Speckle Removal Using Hybrid Frequency Modulations. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 3956-3966.	6.3	52
8	Image fusion based on complex-shearlet domain with guided filtering. Multidimensional Systems and Signal Processing, 2017, 28, 207-224.	2.6	48
9	Speckle Suppression Based on Weighted Nuclear Norm Minimization and Grey Theory. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2700-2708.	6.3	48
10	Subject-Independent Emotion Recognition of EEG Signals Based on Dynamic Empirical Convolutional Neural Network. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 1710-1721.	3.0	48
11	Total variation image restoration using hyper-Laplacian prior with overlapping group sparsity. Signal Processing, 2016, 126, 65-76.	3.7	45
12	Multi-focus image fusion based on joint sparse representation and optimum theory. Signal Processing: Image Communication, 2019, 78, 125-134.	3.2	40
13	Multi-Focus Image Fusion Based on Adaptive Dual-Channel Spiking Cortical Model in Non-Subsampled Shearlet Domain. IEEE Access, 2019, 7, 56367-56388.	4.2	40
14	Deep Spatio-Temporal Representation and Ensemble Classification for Attention Deficit/Hyperactivity Disorder. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 1-10.	4.9	33
15	An Attention-Based Wavelet Convolution Neural Network for Epilepsy EEG Classification. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 957-966.	4.9	29
16	Synthetic aperture radar image de-noising based on Shearlet transform using the context-based model. Physical Communication, 2014, 13, 221-229.	2.1	28
17	SAR image edge detection via sparse representation. Soft Computing, 2018, 22, 2507-2515.	3.6	27
18	Multi-Focus Image Fusion Based on Residual Network in Non-Subsampled Shearlet Domain. IEEE Access, 2019, 7, 152043-152063.	4.2	24

#	ARTICLE	IF	CITATIONS
19	UMAG-Net: A New Unsupervised Multiattention-Guided Network for Hyperspectral and Multispectral Image Fusion. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 7373-7385.	4.9	24
20	MRDDANet: A Multiscale Residual Dense Dual Attention Network for SAR Image Denoising. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	22
21	BANet: A Balance Attention Network for Anchor-Free Ship Detection in SAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	22
22	Multi-focus image fusion based on block matching in 3D transform domain. Journal of Systems Engineering and Electronics, 2018, 29, 415-428.	2.2	21
23	Medical image fusion based on improved sum-modified-Laplacian. International Journal of Imaging Systems and Technology, 2015, 25, 206-212.	4.1	20
24	Multifocus image fusion method of Ripplet transform based on cycle spinning. Multimedia Tools and Applications, 2016, 75, 10583-10593.	3.9	20
25	Attention-Based Spatial-Temporal Multi-Scale Network for Face Anti-Spoofing. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2021, 3, 296-307.	4.4	20
26	Medical image fusion based on nuclear norm minimization. International Journal of Imaging Systems and Technology, 2015, 25, 310-316.	4.1	17
27	A new focus evaluation operator based on max-min filter and its application in high quality multi-focus image fusion. Multidimensional Systems and Signal Processing, 2020, 31, 569-590.	2.6	17
28	Multi-Focus Color Image Fusion Algorithm Based on Super-Resolution Reconstruction and Focused Area Detection. IEEE Access, 2020, 8, 90760-90778.	4.2	17
29	Remote Sensing Image Fusion Based on Sparse Representation and Guided Filtering. Electronics (Switzerland), 2019, 8, 303.	3.1	16
30	Attention deficit/hyperactivity disorder Classification based on deep spatio-temporal features of functional Magnetic Resonance Imaging. Biomedical Signal Processing and Control, 2022, 71, 103239.	5.7	16
31	Speckle Suppression Based on Sparse Representation with Non-Local Priors. Remote Sensing, 2018, 10, 439.	4.0	15
32	A multi-focus color image fusion algorithm based on low vision image reconstruction and focused feature extraction. Signal Processing: Image Communication, 2022, 100, 116533.	3.2	14
33	Multimodal Medical Image Fusion using Rolling Guidance Filter with CNN and Nuclear Norm Minimization. Current Medical Imaging, 2021, 16, 1243-1258.	0.8	13
34	Image separation using wavelet-complex shearlet dictionary. Journal of Systems Engineering and Electronics, 2014, 25, 314-321.	2.2	11
35	CNNG: A Convolutional Neural Networks With Gated Recurrent Units for Autism Spectrum Disorder Classification. Frontiers in Aging Neuroscience, 0, 14, .	3.4	11
36	Two-Scale Multimodal Medical Image Fusion Based on Structure Preservation. Frontiers in Computational Neuroscience, 2021, 15, 803724.	2.1	10

#	ARTICLE	IF	CITATIONS
37	Epilepsy EEG Classification Based on Convolution Support Vector Machine. Journal of Medical Imaging and Health Informatics, 2021, 11, 25-32.	0.3	8
38	Drug-Target Interaction Prediction Based on Multisource Information Weighted Fusion. Contrast Media and Molecular Imaging, 2021, 2021, 1-10.	0.8	7
39	Image fusion by combining multiwavelet with nonsubsampling direction filter bank. Soft Computing, 2017, 21, 1977-1989.	3.6	6
40	SAR image denoising based on patch ordering in nonsubsampling shearlet domain. Turkish Journal of Electrical Engineering and Computer Sciences, 2018, 26, 1860-1870.	1.4	6
41	WTRPNet: An Explainable Graph Feature Convolutional Neural Network for Epileptic EEG Classification. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-18.	4.3	6
42	A novel multi-focus image fusion algorithm based on NSST-FRFT. , 2014, , .		5
43	Cerebral Microbleed Detection via Convolutional Neural Network and Extreme Learning Machine. Frontiers in Computational Neuroscience, 2021, 15, 738885.	2.1	5
44	Diffusion tensor imaging denoising based on Riemann nonlocal similarity. Journal of Ambient Intelligence and Humanized Computing, 2019, , 1.	4.9	4
45	SAR Image De-Noise Based on Shift Invariant K-SVD and Guided Filter. Remote Sensing, 2017, 9, 1311.	4.0	3
46	Ship Detection in SAR Images Based on Region Growing and Multi-scale Saliency. Lecture Notes in Computer Science, 2020, , 117-128.	1.3	3
47	Power Allocation and Performance Analysis in Overlay Cognitive Cooperative V2V Communication System With Outdated CSI. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21440-21449.	8.0	3
48	Multimodal Medical Image Fusion by Adaptive Manifold Filter. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-9.	1.3	2
49	SAR Image De-Noise based on GNL-Means with Optimized Pixel-Wise Weighting in Non-Subsampling Shearlet Domain. Journal of Computer and Information Science, 2016, 10, 16.	0.3	2
50	Noisy Remote Sensing Image Fusion Based on JSR. IEEE Access, 2020, 8, 31069-31082.	4.2	2
51	Circular symmetric Shearlet transform and its application for image separation. , 2012, , .		1
52	SAR Image De-noising Based on Nuclear Norm Minimization Fusion Algorithm. Lecture Notes in Electrical Engineering, 2018, , 193-201.	0.4	1
53	DTI Image Denoising Based on Complex Shearlet Domain and Complex Diffusion Anisotropic Filtering. Lecture Notes in Electrical Engineering, 2019, , 706-713.	0.4	1
54	Multi-level Residual Attention Network for Speckle Suppression. Lecture Notes in Computer Science, 2021, , 288-299.	1.3	0

#	ARTICLE	IF	CITATIONS
55	Fruit Image Recognition Based on Census Transform and Deep Belief Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 438-446.	0.3	0
56	A Liquid-lens based Defect Inspection Algorithm for Optical Isolators. , 2020, , .		0
57	An automatic defect-inspection method for optical isolators using image analysis. Automatisierungstechnik, 2022, 70, 662-675.	0.8	0