Shuaiqi Liu

List of Publications by Year
in descending order

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57	1,207	361413	395702
papers	citations	20 h-index	33 g-index

57	57	57	882
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	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
5	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
6	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
7	Power Allocation and Performance Analysis in Overlay Cognitive Cooperative V2V Communication System With Outdated CSI.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
8	An automatic defect-inspection method for optical isolators using image analysis. Automatisierungstechnik, 2022, 70, 662-675.	0.8	0
9	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
10	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
11	SAR Speckle Removal Using Hybrid Frequency Modulations. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 3956-3966.	6.3	52
12	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
13	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
14	Epilepsy EEG Classification Based on Convolution Support Vector Machine. Journal of Medical Imaging and Health Informatics, 2021, 11, 25-32.	0.3	8
15	Multimodal Medical Image Fusion using Rolling Guidance Filter with CNN and Nuclear Norm Minimization. Current Medical Imaging, 2021, 16, 1243-1258.	0.8	13
16	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
17	Cerebral Microbleed Detection via Convolutional Neural Network and Extreme Learning Machine. Frontiers in Computational Neuroscience, 2021, 15, 738885.	2.1	5
18	Multi-level Residual Attention Network for Speckle Suppression. Lecture Notes in Computer Science, 2021, , 288-299.	1.3	0

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19	Drug-Target Interaction Prediction Based on Multisource Information Weighted Fusion. Contrast Media and Molecular Imaging, 2021, 2021, 1-10.	0.8	7
20	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
21	Two-Scale Multimodal Medical Image Fusion Based on Structure Preservation. Frontiers in Computational Neuroscience, 2021, 15, 803724.	2.1	10
22	A new focus evaluation operator based on maxâ€“min filter and its application in high quality multi-focus image fusion. Multidimensional Systems and Signal Processing, 2020, 31, 569-590.	2.6	17
23	Multi-Focus Color Image Fusion Algorithm Based on Super-Resolution Reconstruction and Focused Area Detection. IEEE Access, 2020, 8, 90760-90778.	4.2	17
24	Noisy Remote Sensing Image Fusion Based on JSR. IEEE Access, 2020, 8, 31069-31082.	4.2	2
25	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
26	A Liquid-lens based Defect Inspection Algorithm for Optical Isolators. , 2020, , .		0
27	Ship Detection in SAR Images Based on Region Growing and Multi-scale Saliency. Lecture Notes in Computer Science, 2020, , 117-128.	1.3	3
28	Hankel Low-Rank Approximation for Seismic Noise Attenuation. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 561-573.	6.3	61
29	Multi-focus image fusion based on joint sparse representation and optimum theory. Signal Processing: Image Communication, 2019, 78, 125-134.	3.2	40
30	Multi-Focus Image Fusion Based on Residual Network in Non-Subsampled Shearlet Domain. IEEE Access, 2019, 7, 152043-152063.	4.2	24
31	Remote Sensing Image Fusion Based on Sparse Representation and Guided Filtering. Electronics (Switzerland), 2019, 8, 303.	3.1	16
32	Convolutional Neural Network and Guided Filtering for SAR Image Denoising. Remote Sensing, 2019, 11, 702.	4.0	54
33	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
34	Diffusion tensor imaging denoising based on Riemann nonlocal similarity. Journal of Ambient Intelligence and Humanized Computing, 2019, , 1.	4.9	4
35	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
36	DTI Image Denoising Based on Complex Shearlet Domain and Complex Diffusion Anisotropic Filtering. Lecture Notes in Electrical Engineering, 2019, , 706-713.	0.4	1

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37	SAR image edge detection via sparse representation. Soft Computing, 2018, 22, 2507-2515.	3.6	27
38	SAR image denoising based on patch ordering in nonsubsample shearlet domain. Turkish Journal of Electrical Engineering and Computer Sciences, 2018, 26, 1860-1870.	1.4	6
39	Speckle Suppression Based on Sparse Representation with Non-Local Priors. Remote Sensing, 2018, 10, 439.	4.0	15
40	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
41	SAR Image De-noising Based on Nuclear Norm Minimization Fusion Algorithm. Lecture Notes in Electrical Engineering, 2018, , 193-201.	0.4	1
42	Image fusion based on complex-shearlet domain with guided filtering. Multidimensional Systems and Signal Processing, 2017, 28, 207-224.	2.6	48
43	Image fusion by combining multiwavelet with nonsubsampled direction filter bank. Soft Computing, 2017, 21, 1977-1989.	3.6	6
44	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
45	SAR Image De-Noising Based on Shift Invariant K-SVD and Guided Filter. Remote Sensing, 2017, 9, 1311.	4.0	3
46	Multifocus image fusion method of Ripplet transform based on cycle spinning. Multimedia Tools and Applications, 2016, 75, 10583-10593.	3.9	20
47	SAR Image De-Noising based on GNL-Means with Optimized Pixel-Wise Weighting in Non-Subsample Shearlet Domain. Journal of Computer and Information Science, 2016, 10, 16.	0.3	2
48	Total variation image restoration using hyper-Laplacian prior with overlapping group sparsity. Signal Processing, 2016, 126, 65-76.	3.7	45
49	Medical image fusion based on nuclear norm minimization. International Journal of Imaging Systems and Technology, 2015, 25, 310-316.	4.1	17
50	Medical image fusion based on improved sum-modified-Laplacian. International Journal of Imaging Systems and Technology, 2015, 25, 206-212.	4.1	20
51	Multimodal Medical Image Fusion by Adaptive Manifold Filter. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-9.	1.3	2
52	A novel multi-focus image fusion algorithm based on NSST-FRFT. , 2014, , .		5
53	Image separation using wavelet-complex shearlet dictionary. Journal of Systems Engineering and Electronics, 2014, 25, 314-321.	2.2	11
54	Synthetic aperture radar image de-noising based on Shearlet transform using the context-based model. Physical Communication, 2014, 13, 221-229.	2.1	28

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55	Bayesian Shearlet shrinkage for SAR image de-noising via sparse representation. Multidimensional Systems and Signal Processing, 2014, 25, 683-701.	2.6	52
56	Circular symmetric Shearlet transform and its application for image separation. , 2012, , .		1
57	CNNG: A Convolutional Neural Networks With Gated Recurrent Units for Autism Spectrum Disorder Classification. Frontiers in Aging Neuroscience, 0, 14, .	3.4	11