Shuying Huang

List of Publications by Year
in descending order

61	1,478	331670	330143
papers	citations	21	37
		h-index	g-index

61	61	61	1022
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	End-to-End Rain Removal Network Based on Progressive Residual Detail Supplement. IEEE Transactions on Multimedia, 2022, 24, 1622-1636.	7.2	8
2	Dual-Stream Convolutional Neural Network With Residual Information Enhancement for Pansharpening. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	17
3	An Efficient Pansharpening Approach Based on Texture Correction and Detail Refinement. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
4	Infrared and Visible Image Fusion Based on Dual-Kernel Side Window Filtering and S-Shaped Curve Transformation. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-15.	4.7	4
5	A Unified Pansharpening Model Based on Band-Adaptive Gradient and Detail Correction. IEEE Transactions on Image Processing, 2022, 31, 918-933.	9.8	26
6	Pansharpening Based on Variational Fractional-Order Geometry Model and Optimized Injection Gains. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 2128-2141.	4.9	5
7	Multi-Scale Exposure Fusion Based on Multi-Visual Feature Measurement and Detail Enhancement Representation. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	5
8	DCNP: Dual-Information Compensation Network for Pansharpening. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
9	MMDN: Multi-Scale and Multi-Distillation Dilated Network for Pansharpening. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	10
10	An efficient and high-quality pansharpening model based on conditional random fields. Information Sciences, 2021, 553, 1-18.	6.9	14
11	Pansharpening Based on Joint-Guided Detail Extraction. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 389-401.	4.9	20
12	Multi-Sensor Fusion of Infrared and Visible Images Based on Modified Side Window Filter and Intensity Transformation. IEEE Sensors Journal, 2021, 21, 24829-24843.	4.7	6
13	Infrared and Visible Image Fusion Using Visual Saliency Sparse Representation and Detail Injection Model. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-15.	4.7	32
14	Multimodal Medical Image Fusion Based on Weighted Local Energy Matching Measurement and Improved Spatial Frequency. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-16.	4.7	7
15	Infrared and Visible Image Fusion Based on Multiscale Network with Dual-channel Information Cross Fusion Block. , 2021, , .		4
16	Infrared and Visible Image Fusion via Texture Conditional Generative Adversarial Network. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4771-4783.	8.3	53
17	Image Super-Resolution Reconstruction Based on Multi-scale Residual Learning. , 2021, , .		0
18	Multi-frame image super-resolution reconstruction based on spatial information weighted fields of experts. Multidimensional Systems and Signal Processing, 2020, 31, 1-20.	2.6	3

#	Article	IF	Citations
19	Multi-focus image fusion via NSST with non-fixed base dictionary learning. International Journal of Systems Assurance Engineering and Management, 2020, 11, 849-855.	2.4	2
20	Multiexposure Estimation and Fusion Based on a Sparsity Exposure Dictionary. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 4753-4767.	4.7	13
21	Remote Sensing Image Fusion Based on Fuzzy Logic and Salience Measure. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1943-1947.	3.1	21
22	An Efficient Pansharpening Method Based On Conditional Random Fields. , 2020, , .		2
23	Pansharpening Based on Low-Rank Fuzzy Fusion and Detail Supplement. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 5466-5479.	4.9	13
24	An end-to-end dehazing network with transitional convolution layer. Multidimensional Systems and Signal Processing, 2020, 31, 1603-1623.	2.6	4
25	PCDRN: Progressive Cascade Deep Residual Network for Pansharpening. Remote Sensing, 2020, 12, 676.	4.0	15
26	Deep quantification down-plain-upsampling residual learning for single image super-resolution. International Journal of Machine Learning and Cybernetics, 2020, 11, 1923-1937.	3.6	2
27	Multiband Remote Sensing Image Pansharpening Based on Dual-Injection Model. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 1888-1904.	4.9	15
28	Multilevel and Multiscale Network for Single-Image Super-Resolution. IEEE Signal Processing Letters, 2019, 26, 1877-1881.	3.6	12
29	Multi-Focus Image Fusion Based on a Non-Fixed-Base Dictionary and Multi-Measure Optimization. IEEE Access, 2019, 7, 46376-46388.	4.2	11
30	Multimodal Medical Image Fusion Based on Fuzzy Discrimination With Structural Patch Decomposition. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1647-1660.	6.3	56
31	Multilevel Features Convolutional Neural Network for Multifocus Image Fusion. IEEE Transactions on Computational Imaging, 2019, 5, 262-273.	4.4	68
32	Remote Sensing Image Fusion Based on Adaptively Weighted Joint Detail Injection. IEEE Access, 2018, 6, 6849-6864.	4.2	27
33	Robust Single-Image Super-Resolution Based on Adaptive Edge-Preserving Smoothing Regularization. IEEE Transactions on Image Processing, 2018, 27, 2650-2663.	9.8	53
34	Compensation Details-Based Injection Model for Remote Sensing Image Fusion. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 734-738.	3.1	19
35	Face Deduplication in Video Surveillance. International Journal of Pattern Recognition and Artificial Intelligence, 2018, 32, 1856001.	1.2	10
36	Image Dehazing Based on Robust Sparse Representation. IEEE Access, 2018, 6, 53907-53917.	4.2	9

#	ARTICLE	IF	CITATIONS
37	Pansharpening for Multiband Images With Adaptive Spectral–Intensity Modulation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 3196-3208.	4.9	19
38	Robust Sparse Representation Combined With Adaptive PCNN for Multifocus Image Fusion. IEEE Access, 2018, 6, 20138-20151.	4.2	25
39	Multiple Visual Features Measurement With Gradient Domain Guided Filtering for Multisensor Image Fusion. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 691-703.	4.7	80
40	Multifocus Image Fusion Based on Extreme Learning Machine and Human Visual System. IEEE Access, 2017, 5, 6989-7000.	4.2	34
41	A Hybrid Method for Multi-Focus Image Fusion Based on Fast Discrete Curvelet Transform. IEEE Access, 2017, 5, 14898-14913.	4.2	31
42	Multi-Focus Image Fusion via Clustering PCA Based Joint Dictionary Learning. IEEE Access, 2017, 5, 16985-16997.	4.2	29
43	Technique for multi-focus image fusion based on fuzzy-adaptive pulse-coupled neural network. Signal, Image and Video Processing, 2017, 11, 439-446.	2.7	27
44	Multi-Frame Super-Resolution Reconstruction Based on Gradient Vector Flow Hybrid Field. IEEE Access, 2017, 5, 21669-21683.	4.2	17
45	A Novel Pan-Sharpening Framework Based on Matting Model and Multiscale Transform. Remote Sensing, 2017, 9, 391.	4.0	45
46	Remote Sensing Image Fusion Based on Adaptive IHS and Multiscale Guided Filter. IEEE Access, 2016, 4, 4573-4582.	4.2	70
47	Multimodal Sensor Medical Image Fusion Based on Type-2 Fuzzy Logic in NSCT Domain. IEEE Sensors Journal, 2016, 16, 3735-3745.	4.7	171
48	Effective Multifocus Image Fusion Based on HVS and BP Neural Network. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	8
49	Dual-Tree Complex Wavelet Transform and Image Block Residual-Based Multi-Focus Image Fusion in Visual Sensor Networks. Sensors, 2014, 14, 22408-22430.	3.8	36
50	Log-Gabor Energy Based Multimodal Medical Image Fusion in NSCT Domain. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-12.	1.3	41
51	Multi-focus Image Fusion Using an Effective Discrete Wavelet Transform Based Algorithm. Measurement Science Review, 2014, 14, 102-108.	1.0	56
52	Multi-Focus Image Fusion Based on NSCT and Focused Area Detection. IEEE Sensors Journal, 2014, , 1-1.	4.7	68
53	An Improved PDE Based Super-Resolution Reconstruction Algorithm. Procedia Engineering, 2012, 29, 2838-2842.	1.2	0
54	AFOD Regularization for Super-Resolution Reconstruction. Procedia Engineering, 2011, 24, 1-5.	1.2	0

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55	Medical Image Fusion via an Effective Wavelet-Based Approach. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.7	127
56	Fusion of CT &#x00026; MR Images with a Novel Method Based on Wavelet Transform. , 2009, , .		0
57	Wavelet based approach for fusing computed tomography and magnetic resonance images. , 2009, , .		10
58	Retinal image mosaic base on Genetic Algorithm and automated blood vessel extracting approach. , 2008, , .		4
59	Medical Image Segmentation Based on Level Set Combining with Region Information. , 2008, , .		4
60	Segmentation of Retinal Image Vessels with a Novel Automated Approach. , 2006, , .		4
61	Low-light image enhancement network based on multi-stream information supplement. Multidimensional Systems and Signal Processing, 0, , 1.	2.6	0