

# Yong Yang

## List of Publications by Year in descending order

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94  
papers

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citations

218592

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254106

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95  
docs citations

95  
times ranked

1958  
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.	5.2	8
2	Dual-Stream Convolutional Neural Network With Residual Information Enhancement for Pansharpening. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	17
3	An Efficient Pansharpening Approach Based on Texture Correction and Detail Refinement. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	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.	2.4	4
5	A Unified Pansharpening Model Based on Band-Adaptive Gradient and Detail Correction. IEEE Transactions on Image Processing, 2022, 31, 918-933.	6.0	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.	2.3	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.	2.4	5
8	DCNP: Dual-Information Compensation Network for Pansharpening. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	3
9	MMDN: Multi-Scale and Multi-Distillation Dilated Network for Pansharpening. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	10
10	An efficient and high-quality pansharpening model based on conditional random fields. Information Sciences, 2021, 553, 1-18.	4.0	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.	2.3	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.	2.4	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.	2.4	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.	2.4	7
15	Infrared and Visible Image Fusion Based on Multiscale Network with Dual-channel Information Cross Fusion Block. , 2021, , .		4
16	VMDM-fusion: a saliency feature representation method for infrared and visible image fusion. Signal, Image and Video Processing, 2021, 15, 1221-1229.	1.7	4
17	Infrared and Visible Image Fusion via Texture Conditional Generative Adversarial Network. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4771-4783.	5.6	53
18	Residual Enhancement Network for Realistic Face Sketch-Photo Synthesis. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	Prediction of Intrinsically Disordered Proteins with Convolutional Neural Networks based on Feature Selection. , 2021, , .		1
20	Image Super-Resolution Reconstruction Based on Multi-scale Residual Learning. , 2021, , .		0
21	Computational Prediction of Intrinsically Disordered Proteins Based on Protein Sequences and Convolutional Neural Networks. Computational Intelligence and Neuroscience, 2021, 2021, 1-8.	1.1	1
22	Multi-frame image super-resolution reconstruction based on spatial information weighted fields of experts. Multidimensional Systems and Signal Processing, 2020, 31, 1-20.	1.7	3
23	Multi-focus image fusion via NSST with non-fixed base dictionary learning. International Journal of Systems Assurance Engineering and Management, 2020, 11, 849-855.	1.5	2
24	Depth Map Enhancement by Revisiting Multi-Scale Intensity Guidance Within Coarse-to-Fine Stages. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4676-4687.	5.6	14
25	Multixposure Estimation and Fusion Based on a Sparsity Exposure Dictionary. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 4753-4767.	2.4	13
26	Remote Sensing Image Fusion Based on Fuzzy Logic and Saliency Measure. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1943-1947.	1.4	21
27	Salient Object Detection by Spatiotemporal and Semantic Features in Real-Time Video Processing Systems. IEEE Transactions on Industrial Electronics, 2020, 67, 9893-9903.	5.2	8
28	An Efficient Pansharpening Method Based On Conditional Random Fields. , 2020, , .		2
29	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.	2.3	13
30	An end-to-end dehazing network with transitional convolution layer. Multidimensional Systems and Signal Processing, 2020, 31, 1603-1623.	1.7	4
31	PCDRN: Progressive Cascade Deep Residual Network for Pansharpening. Remote Sensing, 2020, 12, 676.	1.8	15
32	Deep quantification down-plain-upsampling residual learning for single image super-resolution. International Journal of Machine Learning and Cybernetics, 2020, 11, 1923-1937.	2.3	2
33	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.	2.3	15
34	Deception Decreases Brain Complexity. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 164-174.	3.9	4
35	Multilevel and Multiscale Network for Single-Image Super-Resolution. IEEE Signal Processing Letters, 2019, 26, 1877-1881.	2.1	12
36	Multi-Focus Image Fusion Based on a Non-Fixed-Base Dictionary and Multi-Measure Optimization. IEEE Access, 2019, 7, 46376-46388.	2.6	11

#	ARTICLE	IF	CITATIONS
37	Residual dense network for intensity-guided depth map enhancement. Information Sciences, 2019, 495, 52-64.	4.0	25
38	Exposure Measurement and Fusion via Adaptive Multiscale Edge-Preserving Smoothing. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4663-4674.	2.4	26
39	Multimodal Medical Image Fusion Based on Fuzzy Discrimination With Structural Patch Decomposition. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1647-1660.	3.9	56
40	Multilevel Features Convolutional Neural Network for Multifocus Image Fusion. IEEE Transactions on Computational Imaging, 2019, 5, 262-273.	2.6	68
41	Complex Network Construction of Multivariate Time Series Using Information Geometry. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 107-122.	5.9	25
42	Remote Sensing Image Fusion Based on Adaptively Weighted Joint Detail Injection. IEEE Access, 2018, 6, 6849-6864.	2.6	27
43	Robust Single-Image Super-Resolution Based on Adaptive Edge-Preserving Smoothing Regularization. IEEE Transactions on Image Processing, 2018, 27, 2650-2663.	6.0	53
44	Practical remote sensing image fusion method based on guided filter and improved SML in the NSST domain. Signal, Image and Video Processing, 2018, 12, 959-966.	1.7	12
45	Compensation Details-Based Injection Model for Remote Sensing Image Fusion. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 734-738.	1.4	19
46	Image Dehazing Based on Robust Sparse Representation. IEEE Access, 2018, 6, 53907-53917.	2.6	9
47	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.	2.3	19
48	Leukocyte Image Segmentation Using Novel Saliency Detection Based on Positive Feedback of Visual Perception. Journal of Healthcare Engineering, 2018, 2018, 1-11.	1.1	3
49	Computer Vision in Healthcare Applications. Journal of Healthcare Engineering, 2018, 2018, 1-4.	1.1	53
50	Robust Sparse Representation Combined With Adaptive PCNN for Multifocus Image Fusion. IEEE Access, 2018, 6, 20138-20151.	2.6	25
51	Optimized Multioperator Image Retargeting Based on Perceptual Similarity Measure. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2956-2966.	5.9	46
52	Multiple Visual Features Measurement With Gradient Domain Guided Filtering for Multisensor Image Fusion. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 691-703.	2.4	80
53	Multifocus Image Fusion Based on Extreme Learning Machine and Human Visual System. IEEE Access, 2017, 5, 6989-7000.	2.6	34
54	A Hybrid Method for Multi-Focus Image Fusion Based on Fast Discrete Curvelet Transform. IEEE Access, 2017, 5, 14898-14913.	2.6	31

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55	Dynamic Default Mode Network across Different Brain States. <i>Scientific Reports</i> , 2017, 7, 46088.	1.6	47
56	Multi-Focus Image Fusion via Clustering PCA Based Joint Dictionary Learning. <i>IEEE Access</i> , 2017, 5, 16985-16997.	2.6	29
57	Technique for multi-focus image fusion based on fuzzy-adaptive pulse-coupled neural network. <i>Signal, Image and Video Processing</i> , 2017, 11, 439-446.	1.7	27
58	Multi-Frame Super-Resolution Reconstruction Based on Gradient Vector Flow Hybrid Field. <i>IEEE Access</i> , 2017, 5, 21669-21683.	2.6	17
59	A Novel Pan-Sharpening Framework Based on Matting Model and Multiscale Transform. <i>Remote Sensing</i> , 2017, 9, 391.	1.8	45
60	Random matrix theory for analyzing the brain functional network in attention deficit hyperactivity disorder. <i>Physical Review E</i> , 2016, 94, 052411.	0.8	17
61	Remote Sensing Image Fusion Based on Adaptive IHS and Multiscale Guided Filter. <i>IEEE Access</i> , 2016, 4, 4573-4582.	2.6	70
62	Exploring time- and frequency- dependent functional connectivity and brain networks during deception with single-trial event-related potentials. <i>Scientific Reports</i> , 2016, 6, 37065.	1.6	24
63	Multimodal Sensor Medical Image Fusion Based on Type-2 Fuzzy Logic in NSCT Domain. <i>IEEE Sensors Journal</i> , 2016, 16, 3735-3745.	2.4	171
64	Static and dynamic posterior cingulate cortex nodal topology of default mode network predicts attention task performance. <i>Brain Imaging and Behavior</i> , 2016, 10, 212-225.	1.1	83
65	Spectral properties of the temporal evolution of brain network structure. <i>Chaos</i> , 2015, 25, 123112.	1.0	28
66	Real-time image smoke detection using staircase searching-based dual threshold AdaBoost and dynamic analysis. <i>IET Image Processing</i> , 2015, 9, 849-856.	1.4	69
67	A Novel Algorithm to Enhance P300 in Single Trials: Application to Lie Detection Using F-Score and SVM. <i>PLoS ONE</i> , 2014, 9, e109700.	1.1	26
68	Effective Multifocus Image Fusion Based on HVS and BP Neural Network. <i>Scientific World Journal</i> , The, 2014, 2014, 1-10.	0.8	8
69	Dual-Tree Complex Wavelet Transform and Image Block Residual-Based Multi-Focus Image Fusion in Visual Sensor Networks. <i>Sensors</i> , 2014, 14, 22408-22430.	2.1	36
70	Log-Gabor Energy Based Multimodal Medical Image Fusion in NSCT Domain. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-12.	0.7	41
71	Multi-focus Image Fusion Using an Effective Discrete Wavelet Transform Based Algorithm. <i>Measurement Science Review</i> , 2014, 14, 102-108.	0.6	56
72	Multi-Focus Image Fusion Based on NSCT and Focused Area Detection. <i>IEEE Sensors Journal</i> , 2014, , 1-1.	2.4	68

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73	Multi-operator retargeting based on perceptual structural similarity. , 2014, , .		1
74	Anisotropic fourth-order diffusion regularization for multiframe super-resolution reconstruction. Journal of Central South University, 2013, 20, 3180-3186.	1.2	4
75	Super-Resolution Reconstruction Sensor Using Adaptively Combined Partial Differential Equations. Sensor Letters, 2013, 11, 2126-2130.	0.4	1
76	A New Lie Detection Method Based on Small-number of P300 Responses. , 2012, , .		3
77	Leukocyte image segmentation by visual attention and extreme learning machine. Neural Computing and Applications, 2012, 21, 1217-1227.	3.2	75
78	A Novel DWT Based Multi-focus Image Fusion Method. Procedia Engineering, 2011, 24, 177-181.	1.2	60
79	A Fingerprint Recognition Scheme Based on Assembling Invariant Moments for Cloud Computing Communications. IEEE Systems Journal, 2011, 5, 574-583.	2.9	63
80	Real-time removal of ocular artifacts from EEG based on independent component analysis and manifold learning. Neural Computing and Applications, 2010, 19, 1217-1226.	3.2	24
81	An Effective Scheme of Wavelet Coefficients for Multiresolution Image Fusion. Advanced Materials Research, 2010, 108-111, 730-735.	0.3	1
82	Segmentation of brain MR images based on an effective fuzzy clustering algorithm. , 2010, , .		0
83	Fusion of CT and MR images using an improved wavelet based method. Journal of X-Ray Science and Technology, 2010, 18, 157-170.	0.7	16
84	Wavelet Transform with a New Selection Strategy for Image Fusion. , 2010, , .		2
85	Multimodal Medical Image Fusion through a New DWT Based Technique. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	23
86	Fusion of CT &#x0026; MR Images with a Novel Method Based on Wavelet Transform. , 2009, , .		0
87	Wavelet based approach for fusing computed tomography and magnetic resonance images. , 2009, , .		10
88	Modified fuzzy multi-thresholding algorithm for segmentation of MRI. , 2008, , .		0
89	Retinal image mosaic base on Genetic Algorithm and automated blood vessel extracting approach. , 2008, , .		4
90	An adaptive fuzzy-based edge detection algorithm. , 2007, , .		7

#	ARTICLE	IF	CITATIONS
91	Segmentation of Retinal Image Vessels with a Novel Automated Approach. , 2006, , .		4
92	Fuzzy Expectation Maximum Algorithm for Magnetic Resonance Image Segmentation. Key Engineering Materials, 0, 439-440, 1618-1623.	0.4	1
93	Wavelet Transform with a Novel Integration Technique for Image Fusion. Advanced Materials Research, 0, 204-210, 1419-1422.	0.3	1
94	Low-light image enhancement network based on multi-stream information supplement. Multidimensional Systems and Signal Processing, 0, , 1.	1.7	0