Yiquan Wu

List of Publications by Year
in descending order

37 papers	928 citations	840776 11 h-index	454955 30 g-index
37 all docs	37 docs citations	37 times ranked	450 citing authors

#	Article	IF	Citations
1	Reweighted Infrared Patch-Tensor Model With Both Nonlocal and Local Priors for Single-Frame Small Target Detection. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 3752-3767.	4.9	246
2	Attentional Local Contrast Networks for Infrared Small Target Detection. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9813-9824.	6.3	205
3	Improved YOLO-V3 with DenseNet for Multi-Scale Remote Sensing Target Detection. Sensors, 2020, 20, 4276.	3.8	78
4	Small target detection based on reweighted infrared patch–image model. IET Image Processing, 2018, 12, 70-79.	2.5	67
5	Insulator Faults Detection in Aerial Images from High-Voltage Transmission Lines Based on Deep Learning Model. Applied Sciences (Switzerland), 2021, 11, 4647.	2.5	53
6	Improved YOLOv3 Network for Insulator Detection in Aerial Images with Diverse Background Interference. Electronics (Switzerland), 2021, 10, 771.	3.1	51
7	MTI-YOLO: A Light-Weight and Real-Time Deep Neural Network for Insulator Detection in Complex Aerial Images. Energies, 2021, 14, 1426.	3.1	41
8	An Improved Method Based on Deep Learning for Insulator Fault Detection in Diverse Aerial Images. Energies, 2021, 14, 4365.	3.1	28
9	Utilizing Pansharpening Technique to Produce Sub-Pixel Resolution Thematic Map from Coarse Remote Sensing Image. Remote Sensing, 2018, 10, 884.	4.0	21
10	Graph-Regularized Laplace Approximation for Detecting Small Infrared Target Against Complex Backgrounds. IEEE Access, 2019, 7, 85354-85371.	4.2	17
11	An adaptive active contour model driven by weighted local and global image fitting constraints for image segmentation. Signal, Image and Video Processing, 2020, 14, 1-8.	2.7	13
12	Scene classification from remote sensing images using mid-level deep feature learning. International Journal of Remote Sensing, 2020, 41, 1415-1436.	2.9	12
13	Brain MRI segmentation using KFCM and Chan-Vese model. Transactions of Tianjin University, 2011, 17, 215-219.	6.4	9
14	A novel active contour model driven by J-divergence entropy for SAR river image segmentation. Pattern Analysis and Applications, 2018, 21, 613-627.	4.6	9
15	Active contours driven by novel LGIF energies for image segmentation. Electronics Letters, 2017, 53, 1466-1468.	1.0	8
16	SAR River Image Segmentation by Active Contour Model Inspired by Exponential Cross Entropy. Journal of the Indian Society of Remote Sensing, 2019, 47, 201-212.	2.4	7
17	Subpixel land cover mapping based on a new spatial attraction model with spatial-spectral information. International Journal of Remote Sensing, 2019, 40, 6444-6463.	2.9	6
18	Multitemporal Images Change Detection Using Nonsubsampled Contourlet Transform and Kernel Fuzzy C-Means Clustering. , 2011, , .		5

#	Article	IF	Citations
19	Adaptive patched L0 gradient minimisation model applied on image smoothing. IET Image Processing, 2018, 12, 1892-1902.	2.5	5
20	Active contours driven by harmonic mean based KL divergence fitting energies for image segmentation. Electronics Letters, 2018, 54, 817-819.	1.0	5
21	High-Order Generalized Orderless Pooling Networks for Synthetic-Aperture Radar Scene Classification. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1716-1720.	3.1	5
22	River extraction of SAR images via active contours driven by adaptive global fitting energies. International Journal of Remote Sensing, 2018, 39, 6995-7013.	2.9	4
23	A hybrid active contour model driven by novel global and local fitting energies for image segmentation. Multimedia Tools and Applications, 2018, 77, 29193-29208.	3.9	4
24	Synthetic Aperture Radar Scene Classification Using Multiview Cross Correlation Attention Network. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1717-1721.	3.1	4
25	Hierarchical Suppression Based Matched Filter for Hyperspertral Imagery Target Detection. Sensors, 2021, 21, 144.	3.8	4
26	Image enhancement based on adaptive and fuzzy complex contourlet transform. , 2011, , .		3
27	Active contours driven by novel fitting term for image segmentation. Electronics Letters, 2017, 53, 854-856.	1.0	3
28	Attention as Activation. , 2021, , .		3
29	Watermarking Algorithm Based on Kernel Fuzzy Clustering and Singular Value Decomposition in the Complex Wavelet Transform Domain. , 2011, , .		2
30	Noise reduction of welding defect image based on NSCT and anisotropic diffusion. Transactions of Tianjin University, 2014, 20, 60-65.	6.4	2
31	Fast non-local means algorithm based on Krawtchouk moments. Transactions of Tianjin University, 2015, 21, 104-112.	6.4	2
32	Synthetic aperture radar river image segmentation using improved localizing region-based active contour model. Pattern Analysis and Applications, 2019, 22, 731-746.	4.6	2
33	Image fusion based on complex contourlet transform and nonnegative matrix factorization. Transactions of Tianjin University, 2012, 18, 266-270.	6.4	1
34	Multiple View Geometry in Dynamic Environment. , 2013, , .		1
35	River channel extraction from synthetic aperture radar images based on region-based active contour model. Signal, Image and Video Processing, 2019, 13, 1105-1112.	2.7	1
36	Object Detection with Shallow Feature Learning Network. , 2021, , .		1

#	Article	IF	Citations
37	Multi-Order Feature Fusion Joint Training Network for Remote Sensing Scene Classification. , 2019, , .		0