

Yiquan Wu

List of Publications by Year in descending order

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37
papers

928
citations

840776

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h-index

454955

30
g-index

37
all docs

37
docs citations

37
times ranked

450
citing authors

#	ARTICLE	IF	CITATIONS
1	Attention as Activation. , 2021, , .		3
2	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
3	Improved YOLOv3 Network for Insulator Detection in Aerial Images with Diverse Background Interference. Electronics (Switzerland), 2021, 10, 771.	3.1	51
4	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
5	An Improved Method Based on Deep Learning for Insulator Fault Detection in Diverse Aerial Images. Energies, 2021, 14, 4365.	3.1	28
6	Attentional Local Contrast Networks for Infrared Small Target Detection. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9813-9824.	6.3	205
7	Hierarchical Suppression Based Matched Filter for Hyperspectral Imagery Target Detection. Sensors, 2021, 21, 144.	3.8	4
8	Object Detection with Shallow Feature Learning Network. , 2021, , .		1
9	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
10	Scene classification from remote sensing images using mid-level deep feature learning. International Journal of Remote Sensing, 2020, 41, 1415-1436.	2.9	12
11	Improved YOLO-V3 with DenseNet for Multi-Scale Remote Sensing Target Detection. Sensors, 2020, 20, 4276.	3.8	78
12	Synthetic Aperture Radar Scene Classification Using Multiview Cross Correlation Attention Network. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1717-1721.	3.1	4
13	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
14	Graph-Regularized Laplace Approximation for Detecting Small Infrared Target Against Complex Backgrounds. IEEE Access, 2019, 7, 85354-85371.	4.2	17
15	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
16	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
17	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
18	Multi-Order Feature Fusion Joint Training Network for Remote Sensing Scene Classification. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Synthetic aperture radar river image segmentation using improved localizing region-based active contour model. <i>Pattern Analysis and Applications</i> , 2019, 22, 731-746.	4.6	2
20	A novel active contour model driven by J-divergence entropy for SAR river image segmentation. <i>Pattern Analysis and Applications</i> , 2018, 21, 613-627.	4.6	9
21	Small target detection based on reweighted infrared patch-image model. <i>IET Image Processing</i> , 2018, 12, 70-79.	2.5	67
22	River extraction of SAR images via active contours driven by adaptive global fitting energies. <i>International Journal of Remote Sensing</i> , 2018, 39, 6995-7013.	2.9	4
23	Adaptive patched L0 gradient minimisation model applied on image smoothing. <i>IET Image Processing</i> , 2018, 12, 1892-1902.	2.5	5
24	A hybrid active contour model driven by novel global and local fitting energies for image segmentation. <i>Multimedia Tools and Applications</i> , 2018, 77, 29193-29208.	3.9	4
25	Active contours driven by harmonic mean based KL divergence fitting energies for image segmentation. <i>Electronics Letters</i> , 2018, 54, 817-819.	1.0	5
26	Utilizing Pansharpening Technique to Produce Sub-Pixel Resolution Thematic Map from Coarse Remote Sensing Image. <i>Remote Sensing</i> , 2018, 10, 884.	4.0	21
27	Reweighted Infrared Patch-Tensor Model With Both Nonlocal and Local Priors for Single-Frame Small Target Detection. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 3752-3767.	4.9	246
28	Active contours driven by novel fitting term for image segmentation. <i>Electronics Letters</i> , 2017, 53, 854-856.	1.0	3
29	Active contours driven by novel LGIF energies for image segmentation. <i>Electronics Letters</i> , 2017, 53, 1466-1468.	1.0	8
30	Fast non-local means algorithm based on Krawtchouk moments. <i>Transactions of Tianjin University</i> , 2015, 21, 104-112.	6.4	2
31	Noise reduction of welding defect image based on NSCT and anisotropic diffusion. <i>Transactions of Tianjin University</i> , 2014, 20, 60-65.	6.4	2
32	Multiple View Geometry in Dynamic Environment. , 2013, , .		1
33	Image fusion based on complex contourlet transform and nonnegative matrix factorization. <i>Transactions of Tianjin University</i> , 2012, 18, 266-270.	6.4	1
34	Multitemporal Images Change Detection Using Nonsubsampled Contourlet Transform and Kernel Fuzzy C-Means Clustering. , 2011, , .		5
35	Brain MRI segmentation using KFCM and Chan-Vese model. <i>Transactions of Tianjin University</i> , 2011, 17, 215-219.	6.4	9
36	Image enhancement based on adaptive and fuzzy complex contourlet transform. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
37	Watermarking Algorithm Based on Kernel Fuzzy Clustering and Singular Value Decomposition in the Complex Wavelet Transform Domain. , 2011, , .		2