

# Yanning Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3821395/publications.pdf>

Version: 2024-02-01

269  
papers

6,263  
citations

101543

36  
h-index

128289

60  
g-index

269  
all docs

269  
docs citations

269  
times ranked

5146  
citing authors

#	ARTICLE	IF	CITATIONS
1	Significantly Fast and Robust Fuzzy C-Means Clustering Algorithm Based on Morphological Reconstruction and Membership Filtering. IEEE Transactions on Fuzzy Systems, 2018, 26, 3027-3041.	9.8	331
2	From Motion Blur to Motion Flow: A Deep Learning Solution for Removing Heterogeneous Motion Blur. , 2017, , .		246
3	Task Offloading in Vehicular Edge Computing Networks: A Load-Balancing Solution. IEEE Transactions on Vehicular Technology, 2020, 69, 2092-2104.	6.3	246
4	Blindly Assess Image Quality in the Wild Guided by a Self-Adaptive Hyper Network. , 2020, , .		243
5	Superpixel-Based Fast Fuzzy C-Means Clustering for Color Image Segmentation. IEEE Transactions on Fuzzy Systems, 2019, 27, 1753-1766.	9.8	219
6	Part-Based Visual Tracking with Online Latent Structural Learning. , 2013, , .		169
7	Attention-Guided Network for Ghost-Free High Dynamic Range Imaging. , 2019, , .		143
8	Smart and Resilient EV Charging in SDN-Enhanced Vehicular Edge Computing Networks. IEEE Journal on Selected Areas in Communications, 2020, 38, 217-228.	14.0	130
9	NFN <sup>3/4</sup> : A novel network followed network for retinal vessel segmentation. Neural Networks, 2020, 126, 153-162.	5.9	119
10	Deep HDR Imaging via A Non-Local Network. IEEE Transactions on Image Processing, 2020, 29, 4308-4322.	9.8	106
11	Exploiting Clustering Manifold Structure for Hyperspectral Imagery Super-Resolution. IEEE Transactions on Image Processing, 2018, 27, 5969-5982.	9.8	104
12	Multi-image Blind Deblurring Using a Coupled Adaptive Sparse Prior. , 2013, , .		102
13	NAS-FCOS: Fast Neural Architecture Search for Object Detection. , 2020, , .		102
14	Skeleton-Based Action Recognition With Gated Convolutional Neural Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3247-3257.	8.3	95
15	Single Image Super-resolution Using Deformable Patches. , 2014, 2014, 2917-2924.		92
16	Intelligent Task Offloading in Vehicular Edge Computing Networks. IEEE Wireless Communications, 2020, 27, 126-132.	9.0	90
17	Automobile Driver Fingerprinting: A New Machine Learning Based Authentication Scheme. IEEE Transactions on Industrial Informatics, 2020, 16, 1417-1426.	11.3	89
18	Convolutional Neural Network-Based Robot Navigation Using Uncalibrated Spherical Images. Sensors, 2017, 17, 1341.	3.8	81

#	ARTICLE	IF	CITATIONS
19	Triple attention learning for classification of 14 thoracic diseases using chest radiography. Medical Image Analysis, 2021, 67, 101846.	11.6	78
20	EMS-Net: Ensemble of Multiscale Convolutional Neural Networks for Classification of Breast Cancer Histology Images. Neurocomputing, 2019, 366, 46-53.	5.9	76
21	Unsupervised Adaptation Learning for Hyperspectral Imagery Super-Resolution. , 2020, , .		76
22	3D APA-Net: 3D Adversarial Pyramid Anisotropic Convolutional Network for Prostate Segmentation in MR Images. IEEE Transactions on Medical Imaging, 2020, 39, 447-457.	8.9	74
23	Intelligent Reflecting Surface Enabled Secure Cooperative Transmission for Satellite-Terrestrial Integrated Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 2007-2011.	6.3	69
24	COVID-19 Chest CT Image Segmentation Network by Multi-Scale Fusion and Enhancement Operations. IEEE Transactions on Big Data, 2021, 7, 13-24.	6.1	68
25	Small Moving Vehicle Detection in a Satellite Video of an Urban Area. Sensors, 2016, 16, 1528.	3.8	67
26	Exploring Structured Sparsity by a Reweighted Laplace Prior for Hyperspectral Compressive Sensing. IEEE Transactions on Image Processing, 2016, 25, 4974-4988.	9.8	65
27	Single Hyperspectral Image Super-Resolution with Grouped Deep Recursive Residual Network. , 2018, , .		65
28	Autonomous deep learning: A genetic DCNN designer for image classification. Neurocomputing, 2020, 379, 152-161.	5.9	65
29	Cluster Sparsity Field: An Internal Hyperspectral Imagery Prior for Reconstruction. International Journal of Computer Vision, 2018, 126, 797-821.	15.6	63
30	Toward Swarm Coordination: Topology-Aware Inter-UAV Routing Optimization. IEEE Transactions on Vehicular Technology, 2020, 69, 10177-10187.	6.3	62
31	Unsupervised Recurrent Hyperspectral Imagery Super-Resolution Using Pixel-Aware Refinement. IEEE Transactions on Geoscience and Remote Sensing, 2021, , 1-15.	6.3	60
32	Attention-Guided Deep Neural Network With Multi-Scale Feature Fusion for Liver Vessel Segmentation. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2629-2642.	6.3	60
33	An Adaptive Method of Speckle Reduction and Feature Enhancement for SAR Images Based on Curvelet Transform and Particle Swarm Optimization. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 3105-3116.	6.3	58
34	Learning Deep Gradient Descent Optimization for Image Deconvolution. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5468-5482.	11.3	57
35	Deep Blind Hyperspectral Image Super-Resolution. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2388-2400.	11.3	57
36	A Robust Attentional Framework for License Plate Recognition in the Wild. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 6967-6976.	8.0	56

#	ARTICLE	IF	CITATIONS
37	Exploiting Structured Sparsity for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4050-4064.	6.3	52
38	Blind Image Deconvolution by Automatic Gradient Activation. , 2016, , .		50
39	Person Re-Identification in Aerial Imagery. IEEE Transactions on Multimedia, 2021, 23, 281-291.	7.2	49
40	Hyperspectral Image Spectral-Spatial Feature Extraction via Tensor Principal Component Analysis. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1431-1435.	3.1	46
41	Unsupervised Domain Adaptation Using Robust Class-Wise Matching. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1339-1349.	8.3	46
42	A Ground-Based Near Infrared Camera Array System for UAV Auto-Landing in GPS-Denied Environment. Sensors, 2016, 16, 1393.	3.8	45
43	Close the loop: Joint blind image restoration and recognition with sparse representation prior. , 2011, , .		44
44	Deep Recursive Network for Hyperspectral Image Super-Resolution. IEEE Transactions on Computational Imaging, 2020, 6, 1233-1244.	4.4	44
45	A Hyperspectral Image Classification Framework with Spatial Pixel Pair Features. Sensors, 2017, 17, 2421.	3.8	43
46	Towards Effective Deep Embedding for Zero-Shot Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2843-2852.	8.3	42
47	HDFNet: Hierarchical Dynamic Fusion Network for Change Detection in Optical Aerial Images. Remote Sensing, 2021, 13, 1440.	4.0	40
48	Structured Sparse Coding-Based Hyperspectral Imagery Denoising With Intracluster Filtering. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 6860-6876.	6.3	36
49	Vehicular intelligence in 6G: Networking, communications, and computing. Vehicular Communications, 2022, 33, 100399.	4.0	36
50	Analysis of disease comorbidity patterns in a large-scale China population. BMC Medical Genomics, 2019, 12, 177.	1.5	35
51	Unsupervised Change Detection Using Fast Fuzzy Clustering for Landslide Mapping from Very High-Resolution Images. Remote Sensing, 2018, 10, 1381.	4.0	34
52	Vehicle Re-Identification in Aerial Imagery: Dataset and Approach. , 2019, , .		34
53	ICENET: A Semantic Segmentation Deep Network for River Ice by Fusing Positional and Channel-Wise Attentive Features. Remote Sensing, 2020, 12, 221.	4.0	33
54	Multiscale attention guided U-Net architecture for cardiac segmentation in short-axis MRI images. Computer Methods and Programs in Biomedicine, 2021, 206, 106142.	4.7	33

#	ARTICLE	IF	CITATIONS
55	Pairwise Matching through Max-Weight Bipartite Belief Propagation. , 2016, , .		30
56	A Performance Evaluation of Correspondence Grouping Methods for 3D Rigid Data Matching. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1859-1874.	13.9	30
57	Deep Cube-Pair Network for Hyperspectral Imagery Classification. Remote Sensing, 2018, 10, 783.	4.0	29
58	Semantics-Aware Visual Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1687-1700.	8.3	29
59	A New Hybrid Synthetic Aperture Imaging Model for Tracking and Seeing People Through Occlusion. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1461-1475.	8.3	28
60	Intracluster Structured Low-Rank Matrix Analysis Method for Hyperspectral Denoising. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 866-880.	6.3	28
61	Topology Poisoning Attack in SDN-Enabled Vehicular Edge Network. IEEE Internet of Things Journal, 2020, 7, 9563-9574.	8.7	28
62	Person Re-Identification With Triplet Focal Loss. IEEE Access, 2018, 6, 78092-78099.	4.2	27
63	When Low Rank Representation Based Hyperspectral Imagery Classification Meets Segmented Stacked Denoising Auto-Encoder Based Spatial-Spectral Feature. Remote Sensing, 2018, 10, 284.	4.0	27
64	Locally Similar Sparsity-Based Hyperspectral Compressive Sensing Using Unmixing. IEEE Transactions on Computational Imaging, 2016, 2, 86-100.	4.4	26
65	Attention-Based Network For Low-Light Image Enhancement. , 2020, , .		26
66	Movement Aware CoMP Handover in Heterogeneous Ultra-Dense Networks. IEEE Transactions on Communications, 2021, 69, 340-352.	7.8	25
67	Attend to the Difference: Cross-Modality Person Re-Identification via Contrastive Correlation. IEEE Transactions on Image Processing, 2021, 30, 8861-8872.	9.8	24
68	Sparse representation based blind image deblurring. , 2011, , .		23
69	Salient object detection in hyperspectral imagery using multi-scale spectral-spatial gradient. Neurocomputing, 2018, 291, 215-225.	5.9	23
70	Tensor Power Iteration for Multi-graph Matching. , 2016, , .		22
71	Risk factors associated with 31-day unplanned readmission in 50,912 discharged patients after stroke in China. BMC Neurology, 2018, 18, 218.	1.8	22
72	Adaptive Importance Learning for Improving Lightweight Image Super-Resolution Network. International Journal of Computer Vision, 2020, 128, 479-499.	15.6	22

#	ARTICLE	IF	CITATIONS
73	Evaluating Local Geometric Feature Representations for 3D Rigid Data Matching. IEEE Transactions on Image Processing, 2020, 29, 2522-2535.	9.8	22
74	Reweighted laplace prior based hyperspectral compressive sensing for unknown sparsity. , 2015, , .		21
75	Hyperspectral Image Classification With Data Augmentation and Classifier Fusion. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1420-1424.	3.1	21
76	Visible and infrared image registration based on region features and edginess. Machine Vision and Applications, 2018, 29, 113-123.	2.7	21
77	Kinect based real-time synthetic aperture imaging through occlusion. Multimedia Tools and Applications, 2016, 75, 6925-6943.	3.9	20
78	Ghost Removal via Channel Attention in Exposure Fusion. Computer Vision and Image Understanding, 2020, 201, 103079.	4.7	20
79	Modeling deformable gradient compositions for single-image super-resolution. , 2015, , .		19
80	Learning to Zoom-In via Learning to Zoom-Out: Real-World Super-Resolution by Generating and Adapting Degradation. IEEE Transactions on Image Processing, 2021, 30, 2947-2962.	9.8	19
81	A Lightweight Object Detection Framework for Remote Sensing Images. Remote Sensing, 2021, 13, 683.	4.0	19
82	Diverse Scene Stitching from a Large-Scale Aerial Video Dataset. Remote Sensing, 2015, 7, 6932-6949.	4.0	18
83	DifUnet++: A Satellite Images Change Detection Network Based on Unet++ and Differential Pyramid. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	18
84	Self-Paced Kernel Estimation for Robust Blind Image Deblurring. , 2017, , .		17
85	Anomaly Detection of Hyperspectral Image via Tensor Completion. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1099-1103.	3.1	17
86	Bidirectional cross-modality unsupervised domain adaptation using generative adversarial networks for cardiac image segmentation. Computers in Biology and Medicine, 2021, 136, 104726.	7.0	17
87	Dual-Attention-Guided Network for Ghost-Free High Dynamic Range Imaging. International Journal of Computer Vision, 2022, 130, 76-94.	15.6	17
88	Continuously tracking and see-through occlusion based on a new hybrid synthetic aperture imaging model. , 2011, , .		16
89	High dynamic range imaging via gradient-aware context aggregation network. Pattern Recognition, 2022, 122, 108342.	8.1	16
90	Adaptive river segmentation in SAR images. Journal of Electronics, 2009, 26, 438-442.	0.2	15

#	ARTICLE	IF	CITATIONS
91	Coarse-to-Fine Satellite Images Change Detection Framework via Boundary-Aware Attentive Network. Sensors, 2020, 20, 6735.	3.8	15
92	Where to Look and How to Describe: Fashion Image Retrieval With an Attentional Heterogeneous Bilinear Network. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 3254-3265.	8.3	15
93	Hyperspectral Compressive Sensing Using Manifold-Structured Sparsity Prior. , 2015, , .		14
94	Multi-Model Estimation Based Moving Object Detection for Aerial Video. Sensors, 2015, 15, 8214-8231.	3.8	14
95	3D Point Cloud Analysis and Classification in Large-Scale Scene Based on Deep Learning. IEEE Access, 2019, 7, 55649-55658.	4.2	14
96	Occluded-Object 3D Reconstruction Using Camera Array Synthetic Aperture Imaging. Sensors, 2019, 19, 607.	3.8	14
97	Robust artifact-free high dynamic range imaging of dynamic scenes. Multimedia Tools and Applications, 2019, 78, 11487-11505.	3.9	14
98	Hyperspectral Image Classification With Transfer Learning and Markov Random Fields. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 544-548.	3.1	14
99	Accurate Tensor Completion via Adaptive Low-Rank Representation. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4170-4184.	11.3	14
100	MS2Net: Multi-Scale and Multi-Stage Feature Fusion for Blurred Image Super-Resolution. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 5137-5150.	8.3	14
101	Dim small target detection based on convolutinal neural network in star image. Multimedia Tools and Applications, 2020, 79, 4681-4698.	3.9	13
102	ICENETv2: A Fine-Grained River Ice Semantic Segmentation Network Based on UAV Images. Remote Sensing, 2021, 13, 633.	4.0	13
103	An Improved Particle Swarm Optimization for SVM Training. , 2007, , .		12
104	Single- and Cross-Modality Near Duplicate Image Pairs Detection via Spatial Transformer Comparing CNN. Sensors, 2021, 21, 255.	3.8	12
105	Identity-Aware Facial Expression Recognition Via Deep Metric Learning Based on Synthesized Images. IEEE Transactions on Multimedia, 2022, 24, 3327-3339.	7.2	12
106	Learning to Compare Relation: Semantic Alignment for Few-Shot Learning. IEEE Transactions on Image Processing, 2022, 31, 1462-1474.	9.8	12
107	Improving data augmentation for low resource speech-to-text translation with diverse paraphrasing. Neural Networks, 2022, 148, 194-205.	5.9	12
108	Salient object detection in hyperspectral imagery using spectral gradient contrast. , 2016, , .		11

#	ARTICLE	IF	CITATIONS
109	Learning Discriminative Compact Representation for Hyperspectral Imagery Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8276-8289.	6.3	11
110	Boosting Hyperspectral Image Classification With Unsupervised Feature Learning. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	11
111	Non-uniform motion deblurring with blurry component divided guidance. Pattern Recognition, 2021, 120, 108082.	8.1	11
112	Hyperspectral Image Classification Promotion Using Clustering Inspired Active Learning. Remote Sensing, 2022, 14, 596.	4.0	11
113	A WAVELET-BASED IMAGE EDGE DETECTION AND ESTIMATION METHOD WITH ADAPTIVE SCALE SELECTION. International Journal of Wavelets, Multiresolution and Information Processing, 2010, 08, 385-405.	1.3	10
114	Multi-view face recognition via joint dynamic sparse representation. , 2011, , .		10
115	Latent subclass learning-based unsupervised ensemble feature extraction method for hyperspectral image classification. Remote Sensing Letters, 2015, 6, 257-266.	1.4	10
116	Robust Hyperspectral Image Domain Adaptation With Noisy Labels. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1135-1139.	3.1	10
117	Hyperspectral Image Classification With CapsNet and Markov Random Fields. IEEE Access, 2020, 8, 191956-191968.	4.2	10
118	Boosting One-Shot Spectral Super-Resolution Using Transfer Learning. IEEE Transactions on Computational Imaging, 2020, 6, 1459-1470.	4.4	10
119	Supervised machine learning for coronary artery lumen segmentation in intravascular ultrasound images. International Journal for Numerical Methods in Biomedical Engineering, 2020, 36, e3348.	2.1	10
120	Towards accurate HDR imaging with learning generator constraints. Neurocomputing, 2021, 428, 79-91.	5.9	10
121	Meta Transfer Learning for Few-Shot Hyperspectral Image Classification. , 2021, , .		10
122	The immune quantum-inspired evolutionary algorithm. , 0, , .		9
123	An IR and visible image sequence automatic registration method based on optical flow. Machine Vision and Applications, 2013, 24, 947-958.	2.7	9
124	Speech driven photo realistic facial animation based on an articulatory DBN model and AAM features. Multimedia Tools and Applications, 2014, 73, 397-415.	3.9	9
125	A multi-label Hyperspectral image classification method with deep learning features. , 2016, , .		9
126	2D and 3D Vascular Structures Enhancement Via Improved Vesselness Filter and Vessel Enhancing Diffusion. IEEE Access, 2019, 7, 123969-123980.	4.2	9



#	ARTICLE	IF	CITATIONS
127	Intraclass Similarity Structure Representation-Based Hyperspectral Imagery Classification With Few Samples. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 1045-1054.	4.9	9
128	Integrating Hybrid Pyramid Feature Fusion and Coordinate Attention for Effective Small Sample Hyperspectral Image Classification. Remote Sensing, 2022, 14, 2355.	4.0	9
129	Efficient sparse representation based image super resolution via dual dictionary learning. , 2011, , .		8
130	Transient acoustic signal classification using joint sparse representation. , 2011, , .		8
131	Moving people tracking with detection by latent semantic analysis for visual surveillance applications. Multimedia Tools and Applications, 2014, 68, 991-1021.	3.9	8
132	Online object tracking based on BLSTM-RNN with contextual-sequential labeling. Journal of Ambient Intelligence and Humanized Computing, 2017, 8, 861-870.	4.9	8
133	Hyperspectral image super-resolution extending: An effective fusion based method without knowing the spatial transformation matrix. , 2017, , .		8
134	Validation of right coronary artery lumen area from cardiac computed tomography against intravascular ultrasound. Machine Vision and Applications, 2018, 29, 1287-1298.	2.7	8
135	SAC-COT: Sample Consensus by Sampling Compatibility Triangles in Graphs for 3-D Point Cloud Registration. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	8
136	NAS-FCOS: Efficient Search for Object Detection Architectures. International Journal of Computer Vision, 2021, 129, 3299-3312.	15.6	8
137	Deep Self-Supervised Learning for Few-Shot Hyperspectral Image Classification. , 2020, , .		8
138	Video super-resolution via mixed spatial-temporal convolution and selective fusion. Pattern Recognition, 2022, 126, 108577.	8.1	8
139	Sparse representation based iterative incremental image deblurring. , 2009, , .		7
140	Topic segmentation on spoken documents using self-validated acoustic cuts. Soft Computing, 2015, 19, 47-59.	3.6	7
141	Video Action Recognition Based on Deeper Convolution Networks with Pair-Wise Frame Motion Concatenation. , 2017, , .		7
142	A Coarse-to-Fine Optimization for Hyperspectral Band Selection. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 638-642.	3.1	7
143	Improving Adversarial Neural Machine Translation for Morphologically Rich Language. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 417-426.	4.9	7
144	Boosting Few-Shot Hyperspectral Image Classification Using Pseudo-Label Learning. Remote Sensing, 2021, 13, 3539.	4.0	7

#	ARTICLE	IF	CITATIONS
145	RANSACs for 3D Rigid Registration: A Comparative Evaluation. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1861-1878.	13.1	7
146	SAR Image Segmentation Using GHM-Based Dirichlet Process Mixture Models. , 2009, , .		6
147	MRI image segmentation based on fast kernel clustering analysis. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2011, 6, 363-373.	0.6	6
148	Joint Motion Deblurring with Blurred/Noisy Image Pair. , 2014, , .		6
149	CANNET: Context aware nonlocal convolutional networks for semantic image segmentation. , 2015, , .		6
150	Focus Measure for Synthetic Aperture Imaging Using a Deep Convolutional Network. IEEE Access, 2019, 7, 19762-19774.	4.2	6
151	Unsupervised Deep Hyperspectral Super-Resolution With Unregistered Images. , 2020, , .		6
152	Correspondence Selection With Looseâ€“Tight Geometric Voting for 3-D Point Cloud Registration. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	6
153	A Modified Particle Swarm Optimization Algorithm for Support Vector Machine Training. , 2006, , .		5
154	Compressive sensing for small moving space object detection in astronomical images. Journal of Systems Engineering and Electronics, 2012, 23, 378-384.	2.2	5
155	An associative saliency segmentation method for infrared targets. , 2013, , .		5
156	Bands Sensitive Convolutional Network for Hyperspectral Image Classification. , 2016, , .		5
157	Automatic Kernel Size Determination for Deep Neural Networks Based Hyperspectral Image Classification. Remote Sensing, 2018, 10, 415.	4.0	5
158	Normalized Non-Negative Sparse Encoder for Fast Image Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1962-1972.	8.3	5
159	Robust Deep Hyperspectral Imagery Super-Resolution. , 2019, , .		5
160	Ensemble Tracking Based on Diverse Collaborative Framework With Multi-Cue Dynamic Fusion. IEEE Transactions on Multimedia, 2020, 22, 2698-2710.	7.2	5
161	Real-time Illumination Estimation for Mixed Reality on Mobile Devices. , 2020, , .		5
162	Embarrassingly Simple Binarization for Deep Single Imagery Super-Resolution Networks. IEEE Transactions on Image Processing, 2021, 30, 3934-3945.	9.8	5

#	ARTICLE	IF	CITATIONS
163	Toward Effective Hyperspectral Image Classification Using Dual-Level Deep Spatial Manifold Representation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	5
164	Hyperspectral and Multispectral Image Fusion via Variational Tensor Subspace Decomposition. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	5
165	A Monocular Visual Odometry Method Based on Virtual-Real Hybrid Map in Low-Texture Outdoor Environment. Sensors, 2021, 21, 3394.	3.8	5
166	A robust discriminative multi-atlas label fusion method for hippocampus segmentation from MR image. Computer Methods and Programs in Biomedicine, 2021, 208, 106197.	4.7	5
167	Accurate visual speech synthesis based on diviseme unit selection and concatenation. , 2008, , .		4
168	Multi-scale Non-Local Kernel Regression for super resolution. , 2011, , .		4
169	3D total variation hyperspectral compressive sensing using unmixing. , 2014, , .		4
170	Effective Image Block Compressed Sensing. , 2014, , .		4
171	Effective Image Block Compressed Sensing with Quantized Measurement. , 2014, , .		4
172	Structured sparse BAYESIAN hyperspectral compressive sensing using spectral unmixing. , 2014, , .		4
173	Hyperspectral anomaly detection using background learning and structured sparse representation. , 2016, , .		4
174	A Novel Analysis Dictionary Learning Model Based Hyperspectral Image Classification Method. Remote Sensing, 2019, 11, 397.	4.0	4
175	Hierarchical Clustering-Aligning Framework Based Fast Large-Scale 3D Reconstruction Using Aerial Imagery. Remote Sensing, 2019, 11, 315.	4.0	4
176	Survey on Smoothed Particle Hydrodynamics and the Particle Systems. IEEE Access, 2020, 8, 3087-3105.	4.2	4
177	An Adaptive Viewpoint Transformation Network for 3D Human Pose Estimation. IEEE Access, 2020, 8, 143076-143084.	4.2	4
178	Performance prediction based on neural architecture features. Cognitive Computation and Systems, 2020, 2, 80-83.	1.4	4
179	Club Ideas and Exertions: Aggregating Local Predictions for Action Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2247-2259.	8.3	4
180	A new method of moving object detection and shadow removing. Journal of Electronics, 2007, 24, 528-536.	0.2	3

#	ARTICLE	IF	CITATIONS
181	A Convenient Multi-camera Self-Calibration Method Based on Human Body Motion Analysis. , 2009, , .		3
182	Comprehensive comparison of the least mean square algorithm and the fast deconvolution algorithm for crosstalk cancellation. , 2012, , .		3
183	Unstructured Synthetic Aperture Photograph Based Occluded Object Imaging. , 2013, , .		3
184	Centroid estimation based on MSER detection and Gaussian Mixture Model. , 2014, , .		3
185	Multiple-Layer Visibility Propagation-Based Synthetic Aperture Imaging through Occlusion. Sensors, 2015, 15, 18965-18984.	3.8	3
186	Structured Background Modeling for Hyperspectral Anomaly Detection. Sensors, 2018, 18, 3137.	3.8	3
187	Large-scale 3D Point Cloud Classification Based On Feature Description Matrix By CNN. , 2018, , .		3
188	Total-Ionization-Dose Radiation-Induced Noise Modeling and Analysis of a $2k \times 4k$ CMOS Active Pixel Sensor for Space Applications. IEEE Sensors Journal, 2018, 18, 8053-8063.	4.7	3
189	Fast-Convergent Fully Connected Deep Learning Model Using Constrained Nodes Input. Neural Processing Letters, 2019, 49, 995-1005.	3.2	3
190	Improving Hyperspectral Image Classification with Unsupervised Knowledge Learning. , 2019, , .		3
191	Robust Motion Blur Kernel Estimation by Kernel Continuity Prior. IEEE Access, 2020, 8, 46162-46175.	4.2	3
192	MDEAN: Multi-View Disparity Estimation with an Asymmetric Network. Electronics (Switzerland), 2020, 9, 924.	3.1	3
193	3D Correspondence Grouping with Compatibility Features. Lecture Notes in Computer Science, 2021, , 66-78.	1.3	3
194	Multiple object tracking based on multi-task learning with strip attention. IET Image Processing, 2021, 15, 3661-3673.	2.5	3
195	Accurate Air-Quality Prediction Using Genetic-Optimized Gated-Recurrent-Unit Architecture. Information (Switzerland), 2022, 13, 223.	2.9	3
196	Geometric Hashing Using 3D Aspects and Constrained Structures. , 2006, , .		2
197	A Fast SAR Image Segmentation Algorithm Based on Particle Swarm Optimization and Grey Entropy. , 2008, , .		2
198	The Estimation of Blur Based on Image Information. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
199	3D face representation and recognition by Intrinsic Shape Description Maps. , 2010, , .		2
200	3D face recognition based on principal axes registration and fusing features. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2011, 6, 347-352.	0.6	2
201	Synthetic aperture image quality assessment based on camera array: Measures and their performance. , 2012, , .		2
202	A novel method for detecting occluded object by multiple camera arrays. , 2012, , .		2
203	Artificial Potential Field Based Cooperative Particle Filter for Multi-View Multi-Object Tracking. , 2013, , .		2
204	Neighbor combination for atmospheric turbulence image reconstruction. , 2013, , .		2
205	A two-stage facial landmark localization method. , 2015, , .		2
206	T-Rough Approximation Pairs and Covering Based Rough Sets. Fundamenta Informaticae, 2015, 142, 195-212.	0.4	2
207	Stereo matching-based definition of saliency via sample-based Kullback-Leibler divergence estimation. Machine Vision and Applications, 2015, 26, 607-618.	2.7	2
208	Autonomous Near Ground Quadron Navigation with Uncalibrated Spherical Images Using Convolutional Neural Networks. , 2016, , .		2
209	Geodetic coordinate calculation based on monocular vision on UAV platform. , 2016, , .		2
210	Bayesian tracking fusion framework with online classifier ensemble for immersive visual applications. Multimedia Tools and Applications, 2016, 75, 5075-5092.	3.9	2
211	Adaptive Unsymmetrical Trim-Based Morphological Filter for High-Density Impulse Noise Removal. Multimedia Tools and Applications, 2018, 77, 689-711.	3.9	2
212	Fast and Seamless Large-scale Aerial 3D Reconstruction using Graph Framework. , 2018, , .		2
213	Holoscopic 3D Micro-Gesture Recognition Based on Fast Preprocessing and Deep Learning Techniques. , 2018, , .		2
214	Real-time Depth Estimation for Aerial Panoramas in Virtual Reality. , 2020, , .		2
215	Accurate localization of moving objects in dynamic environment for small unmanned aerial vehicle platform using global averaging. IET Computer Vision, 2022, 16, 12-25.	2.0	2
216	SSA-Net: Spatial Scale Attention Network for Image-Based Geo-Localization. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	2

#	ARTICLE	IF	CITATIONS
217	A new automatic segmentation for synthetic aperture radar images. , 0, , .		1
218	Novel quantum-inspired genetic algorithm based on immunity. Journal of Electronics, 2005, 22, 371-378.	0.2	1
219	Denoising 3D biomedical images with fractional-order integral calculus. , 2012, , .		1
220	Exploiting Structured Sparsity for Image Deblurring. , 2012, , .		1
221	A multi-modal moving object detection method based on GrowCut segmentation. , 2014, , .		1
222	An MCD-based local ACE algorithm for hyperspectral imagery target detection. , 2014, , .		1
223	Deformable object tracking with spatiotemporal segmentation in big vision surveillance. , 2014, , .		1
224	Effective hyperspectral image block compressed sensing using thress-dimensional wavelet transform. , 2014, , .		1
225	Multispectral images based bridge detection method with RX detector. , 2014, , .		1
226	Hyperspectral image denoising from an incomplete observation. , 2015, , .		1
227	Matrix decomposition based salient object detection in hyperspectral imagery. , 2017, , .		1
228	Supervised classification via constrained subspace and tensor sparse representation. , 2017, , .		1
229	Hyperspectral Image Classification Based on Convolutional Neural Networks With Adaptive Network Structure. , 2018, , .		1
230	Rapid Ground Car Detection on Aerial Infrared Images. , 2018, , .		1
231	Deep Spectral Super-Resolution with Noisy Input. , 2019, , .		1
232	View adaptive learning for pancreas segmentation. Biomedical Signal Processing and Control, 2021, 66, 102347.	5.7	1
233	Improved compressive tracking based on pixelwise learner. Journal of Electronic Imaging, 2018, 27, 1.	0.9	1
234	A hybrid design method of fuzzy systems. , 0, , .		0

#	ARTICLE	IF	CITATIONS
235	Surface curvature based automatic human face feature extraction. , 2005, , .		0
236	Texture Discrimination by Local Morphological Multifractal Signatures. , 2006, , .		0
237	Watermarking 3D Meshes Based on Fixed Spectral Basis. , 2007, , .		0
238	A novel SVM ensemble approach using clustering analysis. Journal of Electronics, 2008, 25, 246-253.	0.2	0
239	Interactive Mesh Cutting Algorithm Based on Prism for Virtual Craniofacial Osteotomy of Orthognathic Surgery. , 2008, , .		0
240	Backward-Forward Combined Convolutive Blind Source Separation. , 2008, , .		0
241	Detection the River Regime Variation of the Yellow River Based on Remote Sensing Imagery. , 2009, , .		0
242	Illumination Invariant Multi-pose Face Tracking. , 2009, , .		0
243	Robust Multiframe Blind Image Deblurring. , 2009, , .		0
244	Cooperative detection based on auto-evaluation about multi-source image. , 2010, , .		0
245	Multi-model cooperation based self organization multiple cameras system for robust moving object detection. , 2010, , .		0
246	Speech and Auditory Interfaces for Ubiquitous, Immersive and Personalized Applications. , 2010, , .		0
247	Nonlinear curvelet diffusion for noisy image enhancement. , 2011, , .		0
248	A robust smear removal method for inter-frame Charge-Coupled Device star images. , 2011, , .		0
249	High performance packet capture on multi-core platform. , 2011, , .		0
250	Dual-microphone based binary mask estimation for robust speaker verification. , 2012, , .		0
251	Kernel multi-metric learning for multi-channel transient acoustic signal classification. , 2012, , .		0
252	Robust face pose classification method based on geometry-preserving visual phrase. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
253	An easy-to-implement Benchmarking Tool for Mobile Tablet-PC Visual Pose Estimation. , 2015, , .		0
254	Image matching via higher order structures. , 2015, , .		0
255	Multi-Object Tracking in Airborne Video Imagery based on Compressive Tracking Detection Responses. , 2015, , .		0
256	Nonseparable sparsity based hyperspectral compressive sensing. , 2015, , .		0
257	Superframe segmentation based on content-motion correspondence for social video summarization. , 2015, , .		0
258	A center location algorithm used in cells microscopic image. , 2016, , .		0
259	Compressive Tracking based on Superpixel Segmentation. , 2016, , .		0
260	Fast camera array auto-calibration for optical navigation. , 2016, , .		0
261	Hyperspectral imagery denoising using covariance matrix estimation based structured sparse coding and intra-cluster filtering. , 2016, , .		0
262	Feature separability based on the distance matrix. , 2017, , .		0
263	A new correction approach of partial volume effects in functional MRI for orange computing. , 2017, , .		0
264	Near Duplicate Image Pairs Detection Using Double-Channel Convolutional Neural Networks. , 2017, , .		0
265	A Band Grouping Based Hyperspectral Imagery Classification Method with Analysis Dictionary Learning. , 2018, , .		0
266	Parametric model for image blur kernel estimation. , 2018, , .		0
267	Parallax Removing for Ground Moving Target Detection on Non-flat Terrain. , 2018, , .		0
268	Interacting multiple model estimator for event-triggered cyber-physical systems against Denial-of-service attacks. , 2021, , .		0
269	Multiple Multi-Scale Neural Networks Knowledge Transfer and Integration for Accurate Pixel-Level Retinal Blood Vessel Segmentation. Applied Sciences (Switzerland), 2021, 11, 11907.	2.5	0