Jiayi

List of Publications by Year
in descending order

167 papers	13,275 citations	31902 53 h-index	23472 111 g-index
167 all docs	167 docs citations	167 times ranked	5693 citing authors

#	Article	IF	Citations
1	FusionGAN: A generative adversarial network for infrared and visible image fusion. Information Fusion, 2019, 48, 11-26.	11.7	954
2	Infrared and visible image fusion methods and applications: A survey. Information Fusion, 2019, 45, 153-178.	11.7	904
3	Infrared and visible image fusion via gradient transfer and total variation minimization. Information Fusion, 2016, 31, 100-109.	11.7	761
4	U2Fusion: A Unified Unsupervised Image Fusion Network. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 502-518.	9.7	569
5	Image Matching from Handcrafted to Deep Features: A Survey. International Journal of Computer Vision, 2021, 129, 23-79.	10.9	488
6	Robust Point Matching via Vector Field Consensus. IEEE Transactions on Image Processing, 2014, 23, 1706-1721.	6.0	470
7	Locality Preserving Matching. International Journal of Computer Vision, 2019, 127, 512-531.	10.9	435
8	Robust Feature Matching for Remote Sensing Image Registration via Locally Linear Transforming. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 6469-6481.	2.7	417
9	Pan-GAN: An unsupervised pan-sharpening method for remote sensing image fusion. Information Fusion, 2020, 62, 110-120.	11.7	276
10	Infrared and visible image fusion via detail preserving adversarial learning. Information Fusion, 2020, 54, 85-98.	11.7	270
11	Robust $L_{2}E$ Estimation of Transformation for Non-Rigid Registration. IEEE Transactions on Signal Processing, 2015, 63, 1115-1129.	3.2	262
12	Non-Rigid Point Set Registration by Preserving Global and Local Structures. IEEE Transactions on Image Processing, 2016, 25, 53-64.	6.0	262
13	SuperPCA: A Superpixelwise PCA Approach for Unsupervised Feature Extraction of Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4581-4593.	2.7	233
14	Guided Locality Preserving Feature Matching for Remote Sensing Image Registration. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4435-4447.	2.7	230
15	Infrared and visible image fusion based on target-enhanced multiscale transform decomposition. Information Sciences, 2020, 508, 64-78.	4.0	229
16	Image fusion in the loop of high-level vision tasks: A semantic-aware real-time infrared and visible image fusion network. Information Fusion, 2022, 82, 28-42.	11.7	222
17	Semi-Supervised Sparse Representation Based Classification for Face Recognition With Insufficient Labeled Samples. IEEE Transactions on Image Processing, 2017, 26, 2545-2560.	6.0	219
18	Large-Scale Remote Sensing Image Retrieval by Deep Hashing Neural Networks. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 950-965.	2.7	209

#	Article	IF	Citations
19	Non-rigid visible and infrared face registration via regularized Gaussian fields criterion. Pattern Recognition, 2015, 48, 772-784.	5.1	199
20	Regularized vector field learning with sparse approximation for mismatch removal. Pattern Recognition, 2013, 46, 3519-3532.	5.1	178
21	LMR: Learning a Two-Class Classifier for Mismatch Removal. IEEE Transactions on Image Processing, 2019, 28, 4045-4059.	6.0	172
22	SDNet: A Versatile Squeeze-and-Decomposition Network for Real-Time Image Fusion. International Journal of Computer Vision, 2021, 129, 2761-2785.	10.9	160
23	Single Image Super-Resolution via Locally Regularized Anchored Neighborhood Regression and Nonlocal Means. IEEE Transactions on Multimedia, 2017, 19, 15-26.	5.2	140
24	PIAFusion: A progressive infrared and visible image fusion network based on illumination aware. Information Fusion, 2022, 83-84, 79-92.	11.7	138
25	Multi-Memory Convolutional Neural Network for Video Super-Resolution. IEEE Transactions on Image Processing, 2019, 28, 2530-2544.	6.0	135
26	Hyperspectral Image Classification in the Presence of Noisy Labels. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 851-865.	2.7	131
27	Robust Feature Matching Using Spatial Clustering With Heavy Outliers. IEEE Transactions on Image Processing, 2020, 29, 736-746.	6.0	130
28	Robust Estimation of Nonrigid Transformation for Point Set Registration. , 2013, , .		127
29	SRLSP: A Face Image Super-Resolution Algorithm Using Smooth Regression With Local Structure Prior. IEEE Transactions on Multimedia, 2017, 19, 27-40.	5.2	126
30	Learning Source-Invariant Deep Hashing Convolutional Neural Networks for Cross-Source Remote Sensing Image Retrieval. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 6521-6536.	2.7	126
31	Spatial–Spectral Total Variation Regularized Low-Rank Tensor Decomposition for Hyperspectral Image Denoising. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 6196-6213.	2.7	125
32	MEF-GAN: Multi-Exposure Image Fusion via Generative Adversarial Networks. IEEE Transactions on Image Processing, 2020, 29, 7203-7216.	6.0	123
33	Learning Spatial-Spectral Prior for Super-Resolution of Hyperspectral Imagery. IEEE Transactions on Computational Imaging, 2020, 6, 1082-1096.	2.6	123
34	Feature guided Gaussian mixture model with semi-supervised EM and local geometric constraint for retinal image registration. Information Sciences, 2017, 417, 128-142.	4.0	121
35	Hyperspectral image denoising with superpixel segmentation and low-rank representation. Information Sciences, 2017, 397-398, 48-68.	4.0	110
36	Nonrigid Point Set Registration With Robust Transformation Learning Under Manifold Regularization. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3584-3597.	7.2	108

#	Article	IF	Citations
37	Noise Robust Face Image Super-Resolution Through Smooth Sparse Representation. IEEE Transactions on Cybernetics, 2017, 47, 3991-4002.	6.2	101
38	STDFusionNet: An Infrared and Visible Image Fusion Network Based on Salient Target Detection. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	99
39	Multi-Temporal Ultra Dense Memory Network for Video Super-Resolution. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2503-2516.	5.6	94
40	GANMcC: A Generative Adversarial Network With Multiclassification Constraints for Infrared and Visible Image Fusion. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-14.	2.4	91
41	Infrared and visible image fusion using total variation model. Neurocomputing, 2016, 202, 12-19.	3.5	90
42	Classification Saliency-Based Rule for Visible and Infrared Image Fusion. IEEE Transactions on Computational Imaging, 2021, 7, 824-836.	2.6	89
43	Facial Image Hallucination Through Coupled-Layer Neighbor Embedding. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 1674-1684.	5.6	84
44	Hyperspectral Image Classification With Robust Sparse Representation. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 641-645.	1.4	82
45	A robust method for vector field learning with application to mismatch removing. , 2011, , .		80
46	Real-Time and Accurate UAV Pedestrian Detection for Social Distancing Monitoring in COVID-19 Pandemic. IEEE Transactions on Multimedia, 2022, 24, 2069-2083.	5.2	75
47	Hyperspectral image denoising using the robust low-rank tensor recovery. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2015, 32, 1604.	0.8	73
48	An Infrared Small Target Detecting Algorithm Based on Human Visual System. IEEE Geoscience and Remote Sensing Letters, 2016, , 1-5.	1.4	73
49	GAN-FM: Infrared and Visible Image Fusion Using GAN With Full-Scale Skip Connection and Dual Markovian Discriminators. IEEE Transactions on Computational Imaging, 2021, 7, 1134-1147.	2.6	68
50	Mutually Guided Image Filtering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 694-707.	9.7	66
51	Directional support value of Gaussian transformation for infrared small target detection. Applied Optics, 2015, 54, 2255.	0.9	65
52	Robust Sparse Hyperspectral Unmixing With $ell_{2,1}$ Norm. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1227-1239.	2.7	65
53	Feature-guided Gaussian mixture model for image matching. Pattern Recognition, 2019, 92, 231-245.	5.1	58
54	A novel spatio-temporal saliency approach for robust dim moving target detection from airborne infrared image sequences. Information Sciences, 2016, 369, 548-563.	4.0	57

#	Article	IF	Citations
55	Deep transfer learning for military object recognition under small training set condition. Neural Computing and Applications, 2019, 31, 6469-6478.	3.2	57
56	Multiscale Locality and Rank Preservation for Robust Feature Matching of Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6462-6472.	2.7	52
57	Hyperspectral Anomaly Detection With Robust Graph Autoencoders. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	51
58	Semantic segmentation using stride spatial pyramid pooling and dual attention decoder. Pattern Recognition, 2020, 107, 107498.	5.1	50
59	MsLRR: A Unified Multiscale Low-Rank Representation for Image Segmentation. IEEE Transactions on Image Processing, 2014, 23, 2159-2167.	6.0	48
60	DRF: Disentangled Representation for Visible and Infrared Image Fusion. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	47
61	Infrared and visible image fusion via gradientlet filter. Computer Vision and Image Understanding, 2020, 197-198, 103016.	3.0	46
62	SDPNet: A Deep Network for Pan-Sharpening With Enhanced Information Representation. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4120-4134.	2.7	45
63	Cross Fusion Net: A Fast Semantic Segmentation Network for Small-Scale Semantic Information Capturing in Aerial Scenes. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	44
64	Spectral-spatial classification for hyperspectral image based on a single GRU. Neurocomputing, 2020, 387, 150-160.	3.5	43
65	A Variational Pansharpening Method Based on Gradient Sparse Representation. IEEE Signal Processing Letters, 2020, 27, 1180-1184.	2.1	41
66	Robust Feature Matching for Remote Sensing Image Registration via Linear Adaptive Filtering. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 1577-1591.	2.7	41
67	Multiscale facet model for infrared small target detection. Infrared Physics and Technology, 2014, 67, 202-209.	1.3	40
68	Context-Patch Face Hallucination Based on Thresholding Locality-Constrained Representation and Reproducing Learning. IEEE Transactions on Cybernetics, 2020, 50, 324-337.	6.2	40
69	Bilateral attention decoder: A lightweight decoder for real-time semantic segmentation. Neural Networks, 2021, 137, 188-199.	3.3	39
70	Hyperspectral Unmixing with Robust Collaborative Sparse Regression. Remote Sensing, 2016, 8, 588.	1.8	38
71	Image Superresolution via Dense Discriminative Network. IEEE Transactions on Industrial Electronics, 2020, 67, 5687-5695.	5.2	37
72	SMFuse: Multi-Focus Image Fusion Via Self-Supervised Mask-Optimization. IEEE Transactions on Computational Imaging, 2021, 7, 309-320.	2.6	35

#	Article	IF	Citations
73	Image Feature Matching via Progressive Vector Field Consensus. IEEE Signal Processing Letters, 2015, 22, 767-771.	2.1	34
74	Hyperspectral Anomaly Detection via Integration of Feature Extraction and Background Purification. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1436-1440.	1.4	34
75	Variational Pansharpening by Exploiting Cartoon-Texture Similarities. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	34
76	Multilayer Spectral–Spatial Graphs for Label Noisy Robust Hyperspectral Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 839-852.	7.2	33
77	Non-rigid point set registration via coherent spatial mapping. Signal Processing, 2015, 106, 62-72.	2.1	32
78	Multi-Focus Image Fusion Based on Multi-Scale Gradients and Image Matting. IEEE Transactions on Multimedia, 2022, 24, 655-667.	5.2	32
79	Adversarial Autoencoder Network for Hyperspectral Unmixing. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4555-4569.	7.2	31
80	Hyperspectral Image Classification With Discriminative Kernel Collaborative Representation and Tikhonov Regularization. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 587-591.	1.4	30
81	Urban Area Detection in Very High Resolution Remote Sensing Images Using Deep Convolutional Neural Networks. Sensors, 2018, 18, 904.	2.1	30
82	Graph-Regularized Locality-Constrained Joint Dictionary and Residual Learning for Face Sketch Synthesis. IEEE Transactions on Image Processing, 2019, 28, 628-641.	6.0	30
83	Gaussian field estimator with manifold regularization for retinal image registration. Signal Processing, 2019, 157, 225-235.	2.1	27
84	SCSCN: A Separated Channel-Spatial Convolution Net With Attention for Single-View Reconstruction. IEEE Transactions on Industrial Electronics, 2020, 67, 8649-8658.	5.2	27
85	Mismatch removal via coherent spatial mapping. , 2012, , .		24
86	A robust and outlier-adaptive method for non-rigid point registration. Pattern Analysis and Applications, 2014, 17, 379-388.	3.1	24
87	GBM-Based Unmixing of Hyperspectral Data Using Bound Projected Optimal Gradient Method. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 952-956.	1.4	24
88	Hyperspectral Image Super-Resolution via Recurrent Feedback Embedding and Spatial–Spectral Consistency Regularization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	24
89	Nonrigid Image Deformation Using Moving Regularized Least Squares. IEEE Signal Processing Letters, 2013, 20, 988-991.	2.1	22
90	Retinal image registration via feature-guided Gaussian mixture model. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, 1267.	0.8	22

#	Article	IF	Citations
91	Image retrieval based on image-to-class similarity. Pattern Recognition Letters, 2016, 83, 379-387.	2.6	22
92	TANet: An Unsupervised Two-Stream Autoencoder Network for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	22
93	Feature Matching via Motion-Consistency Driven Probabilistic Graphical Model. International Journal of Computer Vision, 2022, 130, 2249-2264.	10.9	21
94	Deep Unfolding Network for Spatiospectral Image Super-Resolution. IEEE Transactions on Computational Imaging, 2022, 8, 28-40.	2.6	20
95	Nonrigid Feature Matching for Remote Sensing Images via Probabilistic Inference With Global and Local Regularizations. IEEE Geoscience and Remote Sensing Letters, 2016, , 1-5.	1.4	19
96	Robust Topological Navigation via Convolutional Neural Network Feature and Sharpness Measure. IEEE Access, 2017, 5, 20707-20715.	2.6	19
97	Infrared small target detection via line-based reconstruction and entropy-induced suppression. Infrared Physics and Technology, 2016, 76, 75-81.	1.3	18
98	Cross-Weather Image Alignment via Latent Generative Model With Intensity Consistency. IEEE Transactions on Image Processing, 2020, 29, 5216-5228.	6.0	18
99	Robust Image Feature Matching via Progressive Sparse Spatial Consensus. IEEE Access, 2017, 5, 24568-24579.	2.6	17
100	DBDnet: A Deep Boosting Strategy for Image Denoising. IEEE Transactions on Multimedia, 2022, 24, 3157-3168.	5.2	17
101	DE-CycleGAN: An Object Enhancement Network for Weak Vehicle Detection in Satellite Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 3403-3414.	2.3	17
102	A Mixture Model for Robust Point Matching under Multi-Layer Motion. PLoS ONE, 2014, 9, e92282.	1.1	17
103	Sparse Unmixing of Hyperspectral Data with Noise Level Estimation. Remote Sensing, 2017, 9, 1166.	1.8	16
104	Ensemble Super-Resolution With a Reference Dataset. IEEE Transactions on Cybernetics, 2020, 50, 4694-4708.	6.2	16
105	Deterministic Model Fitting by Local-Neighbor Preservation and Global-Residual Optimization. IEEE Transactions on Image Processing, 2020, 29, 8988-9001.	6.0	16
106	Image Deformation With Vector-Field Interpolation Based on MRLS-TPS. IEEE Access, 2018, 6, 75886-75898.	2.6	15
107	Minimal Case Relative Pose Computation using Ray-Point-Ray Features. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 42, 1-1.	9.7	15
108	VP-Net: An Interpretable Deep Network for Variational Pansharpening. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	15

#	Article	IF	Citations
109	Dilated projection correction network based on autoencoder for hyperspectral image super-resolution. Neural Networks, 2022, 146, 107-119.	3.3	15
110	SQAD: Spatial-Spectral Quasi-Attention Recurrent Network for Hyperspectral Image Denoising. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	15
111	A Biologically-Inspired Framework for Contour Detection Using Superpixel-Based Candidates and Hierarchical Visual Cues. Sensors, 2015, 15, 26654-26674.	2.1	13
112	Context-patch based face hallucination via thresholding locality-constrained representation and reproducing learning. , 2017, , .		13
113	Loop-Closure Detection Using Local Relative Orientation Matching. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7896-7909.	4.7	13
114	MSA-Net: Establishing Reliable Correspondences by Multiscale Attention Network. IEEE Transactions on Image Processing, 2022, 31, 4598-4608.	6.0	13
115	Learning to find reliable correspondences with local neighborhood consensus. Neurocomputing, 2020, 406, 150-158.	3.5	12
116	Mismatch removal via coherent spatial relations. Journal of Electronic Imaging, 2014, 23, 043012.	0.5	11
117	Infrared ultraspectral signature classification based on a restricted Boltzmann machine with sparse and prior constraints. International Journal of Remote Sensing, 2015, 36, 4724-4747.	1.3	11
118	Multifeature-Based Discriminative Label Consistent K-SVD for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 4995-5008.	2.3	11
119	Robust ENF Estimation Based on Harmonic Enhancement and Maximum Weight Clique. IEEE Transactions on Information Forensics and Security, 2021, 16, 3874-3887.	4.5	11
120	Appearance-Based Loop Closure Detection via Locality-Driven Accurate Motion Field Learning. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2350-2365.	4.7	11
121	Robust Feature Matching for Remote Sensing Image Registration via Guided Hyperplane Fitting. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	11
122	Good match exploration for infrared face recognition. Infrared Physics and Technology, 2014, 67, 111-115.	1.3	10
123	Feature guided non-rigid image/surface deformation via moving least squares with manifold regularization. , 2017, , .		10
124	FusionNDVI: A Computational Fusion Approach for High-Resolution Normalized Difference Vegetation Index. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5258-5271.	2.7	10
125	Polarization prior to single-photon counting image denoising. Optics Express, 2021, 29, 21664.	1.7	10
126	Fast and Robust Loop-Closure Detection via Convolutional Auto-Encoder and Motion Consensus. IEEE Transactions on Industrial Informatics, 2022, 18, 3681-3691.	7.2	10

#	Article	IF	Citations
127	A registration based nonuniformity correction algorithm for infrared line scanner. Infrared Physics and Technology, 2016, 76, 667-675.	1.3	9
128	Ranking list preservation for feature matching. Pattern Recognition, 2021, 111, 107665.	5.1	9
129	A Cross-Direction and Progressive Network for Pan-Sharpening. Remote Sensing, 2021, 13, 3045.	1.8	9
130	Smoothness-Driven Consensus Based on Compact Representation for Robust Feature Matching. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4460-4472.	7.2	9
131	HyperFusion: A Computational Approach for Hyperspectral, Multispectral, and Panchromatic Image Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	9
132	Comparative study on the speckle filters for the very high-resolution polarimetric synthetic aperture radar imagery. Journal of Applied Remote Sensing, 2016, 10, 045014.	0.6	8
133	Feature Matching for Remote-Sensing Image Registration via Neighborhood Topological and Affine Consistency. Remote Sensing, 2022, 14, 2606.	1.8	8
134	Hyperspectral image denoising based on low-rank representation and superpixel segmentation. , 2016, , .		7
135	Rectangular-Normalized Superpixel Entropy Index for Image Quality Assessment. Entropy, 2018, 20, 947.	1.1	7
136	Local Affine Preservation With Motion Consistency for Feature Matching of Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	2.7	7
137	Robust feature matching via Gaussian field criterion for remote sensing image registration. Journal of Real-Time Image Processing, 2018, 15, 523-536.	2.2	6
138	Face hallucination through differential evolution parameter map learning with facial structure prior. Information Sciences, 2019, 481, 174-188.	4.0	6
139	Multi-Task Interaction Learning for Spatiospectral Image Super-Resolution. IEEE Transactions on Image Processing, 2022, 31, 2950-2961.	6.0	6
140	D2TNet: A ConvLSTM Network With Dual-Direction Transfer for Pan-Sharpening. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	6
141	Nonrigid registration of remote sensing images via sparse and dense feature matching. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, 1313.	0.8	5
142	A Real-Time Infrared Ultra-Spectral Signature Classification Method via Spatial Pyramid Matching. Sensors, 2015, 15, 15868-15887.	2.1	3
143	Multimodal retinal image registration using edge map and feature guided Gaussian mixture model. , 2016, , .		3
144	Robust image matching via feature guided Gaussian mixture model. , 2016, , .		3

#	Article	IF	Citations
145	Nonuniformity Correction Based on Adaptive Sparse Representation Using Joint Local and Global Constraints Based Learning Rate. IEEE Access, 2018, 6, 10822-10839.	2.6	3
146	Multi-depth photon-counting imaging based on polarisation modulation. Optics Express, 2021, 29, 39362.	1.7	3
147	Terrain reconstruction algorithm based on epipolar line rectification and dense matching. , 2011, , .		2
148	LIPID: Local Image Permutation Interval Descriptor. , 2013, , .		2
149	A non-parametric depth modification model for registration between color and depth images. Multidimensional Systems and Signal Processing, 2019, 30, 1129-1148.	1.7	2
150	Learning Spatialâ€"Parallax Prior Based on Array Thermal Camera for Infrared Image Enhancement. IEEE Transactions on Industrial Informatics, 2022, 18, 6642-6651.	7.2	2
151	MPIN: a macro-pixel integration network for light field super-resolution. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 1299-1310.	1.5	2
152	Learning Two-View Correspondences and Geometry Using Neighbor-Aware Network. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	2
153	Boundary extraction using supervised edgelet classification. Optical Engineering, 2012, 51, 017002.	0.5	1
154	Densityâ€based region search with arbitrary shape for object localisation. IET Computer Vision, 2015, 9, 943-949.	1.3	1
155	Robust sparse unmixing of hyperspectral data. , 2016, , .		1
156	Sparse unmixing of hyperspectral data based on robust linear mixing model. , 2016, , .		1
157	Unsupervised Exemplar-Domain Aware Image-to-Image Translation. Entropy, 2021, 23, 565.	1.1	1
158	A Foreground-Aware Framework for Local Face Attribute Transfer. Entropy, 2021, 23, 615.	1.1	1
159	A Spatial-Spectral Feature Descriptor for Hyperspectral Image Matching. Remote Sensing, 2021, 13, 4912.	1.8	1
160	Obstacle detection by ground homograph estimation during autonomous navigation. , 2011, , .		0
161	Object localization by density-based spatial clustering. , 2016, , .		0
162	Hyperspectral image denoising with segmentation-based low rank representation. , 2016, , .		0

#	Article	IF	Citations
163	Smooth sparse representation for noise robust face super-resolution. , 2016, , .		0
164	Registration of remote sensing images with non-rigid distortions. , 2016, , .		0
165	A unified model for improving depth accuracy in kinect sensor. , 2017, , .		0
166	LSSR: line-wise scanning-based super-resolution imaging. Optics Letters, 2022, 47, 2230-2233.	1.7	0
167	High-Quality Wheat Stalk Cross Section Micrograph Measurement via Semantic Segmentation Network. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	2.4	0