

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Adversarial Autoencoder Network for Hyperspectral Unmixing. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4555-4569.	7.2	31
3	U2Fusion: A Unified Unsupervised Image Fusion Network. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 502-518.	9.7	569
4	Loop-Closure Detection Using Local Relative Orientation Matching. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7896-7909.	4.7	13
5	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
6	DBDnet: A Deep Boosting Strategy for Image Denoising. IEEE Transactions on Multimedia, 2022, 24, 3157-3168.	5.2	17
7	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
8	Multi-Focus Image Fusion Based on Multi-Scale Gradients and Image Matting. IEEE Transactions on Multimedia, 2022, 24, 655-667.	5.2	32
9	TANet: An Unsupervised Two-Stream Autoencoder Network for Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	22
10	Variational Pansharpening by Exploiting Cartoon-Texture Similarities. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	34
11	Hyperspectral Anomaly Detection With Robust Graph Autoencoders. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	51
12	VP-Net: An Interpretable Deep Network for Variational Pansharpening. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	15
13	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
14	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
15	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
16	Learning Spatial "Parallax Prior Based on Array Thermal Camera for Infrared Image Enhancement. IEEE Transactions on Industrial Informatics, 2022, 18, 6642-6651.	7.2	2
17	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
18	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

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19	Dilated projection correction network based on autoencoder for hyperspectral image super-resolution. <i>Neural Networks</i> , 2022, 146, 107-119.	3.3	15
20	Local Affine Preservation With Motion Consistency for Feature Matching of Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-12.	2.7	7
21	Deep Unfolding Network for Spatiospectral Image Super-Resolution. <i>IEEE Transactions on Computational Imaging</i> , 2022, 8, 28-40.	2.6	20
22	Image fusion in the loop of high-level vision tasks: A semantic-aware real-time infrared and visible image fusion network. <i>Information Fusion</i> , 2022, 82, 28-42.	11.7	222
23	HyperFusion: A Computational Approach for Hyperspectral, Multispectral, and Panchromatic Image Fusion. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-16.	2.7	9
24	Learning Two-View Correspondences and Geometry Using Neighbor-Aware Network. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	1.4	2
25	SQAD: Spatial-Spectral Quasi-Attention Recurrent Network for Hyperspectral Image Denoising. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14.	2.7	15
26	Multi-Task Interaction Learning for Spatiospectral Image Super-Resolution. <i>IEEE Transactions on Image Processing</i> , 2022, 31, 2950-2961.	6.0	6
27	LSSR: line-wise scanning-based super-resolution imaging. <i>Optics Letters</i> , 2022, 47, 2230-2233.	1.7	0
28	PIAFusion: A progressive infrared and visible image fusion network based on illumination aware. <i>Information Fusion</i> , 2022, 83-84, 79-92.	11.7	138
29	High-Quality Wheat Stalk Cross Section Micrograph Measurement via Semantic Segmentation Network. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-11.	2.4	0
30	D2TNet: A ConvLSTM Network With Dual-Direction Transfer for Pan-Sharpener. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14.	2.7	6
31	Feature Matching for Remote-Sensing Image Registration via Neighborhood Topological and Affine Consistency. <i>Remote Sensing</i> , 2022, 14, 2606.	1.8	8
32	MSA-Net: Establishing Reliable Correspondences by Multiscale Attention Network. <i>IEEE Transactions on Image Processing</i> , 2022, 31, 4598-4608.	6.0	13
33	Feature Matching via Motion-Consistency Driven Probabilistic Graphical Model. <i>International Journal of Computer Vision</i> , 2022, 130, 2249-2264.	10.9	21
34	Hyperspectral Anomaly Detection via Integration of Feature Extraction and Background Purification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021, 18, 1436-1440.	1.4	34
35	Image Matching from Handcrafted to Deep Features: A Survey. <i>International Journal of Computer Vision</i> , 2021, 129, 23-79.	10.9	488
36	Ranking list preservation for feature matching. <i>Pattern Recognition</i> , 2021, 111, 107665.	5.1	9

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37	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
38	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
39	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
40	DRF: Disentangled Representation for Visible and Infrared Image Fusion. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	47
41	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
42	SMFuse: Multi-Focus Image Fusion Via Self-Supervised Mask-Optimization. IEEE Transactions on Computational Imaging, 2021, 7, 309-320.	2.6	35
43	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
44	Unsupervised Exemplar-Domain Aware Image-to-Image Translation. Entropy, 2021, 23, 565.	1.1	1
45	Bilateral attention decoder: A lightweight decoder for real-time semantic segmentation. Neural Networks, 2021, 137, 188-199.	3.3	39
46	A Foreground-Aware Framework for Local Face Attribute Transfer. Entropy, 2021, 23, 615.	1.1	1
47	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
48	Polarization prior to single-photon counting image denoising. Optics Express, 2021, 29, 21664.	1.7	10
49	SDNet: A Versatile Squeeze-and-Decomposition Network for Real-Time Image Fusion. International Journal of Computer Vision, 2021, 129, 2761-2785.	10.9	160
50	A Cross-Direction and Progressive Network for Pan-Sharpening. Remote Sensing, 2021, 13, 3045.	1.8	9
51	Classification Saliency-Based Rule for Visible and Infrared Image Fusion. IEEE Transactions on Computational Imaging, 2021, 7, 824-836.	2.6	89
52	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
53	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
54	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

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55	Multi-depth photon-counting imaging based on polarisation modulation. Optics Express, 2021, 29, 39362.	1.7	3
56	A Spatial-Spectral Feature Descriptor for Hyperspectral Image Matching. Remote Sensing, 2021, 13, 4912.	1.8	1
57	Mutually Guided Image Filtering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 694-707.	9.7	66
58	Context-Patch Face Hallucination Based on Thresholding Locality-Constrained Representation and Reproducing Learning. IEEE Transactions on Cybernetics, 2020, 50, 324-337.	6.2	40
59	Ensemble Super-Resolution With a Reference Dataset. IEEE Transactions on Cybernetics, 2020, 50, 4694-4708.	6.2	16
60	Infrared and visible image fusion based on target-enhanced multiscale transform decomposition. Information Sciences, 2020, 508, 64-78.	4.0	229
61	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
62	Image Superresolution via Dense Discriminative Network. IEEE Transactions on Industrial Electronics, 2020, 67, 5687-5695.	5.2	37
63	Infrared and visible image fusion via detail preserving adversarial learning. Information Fusion, 2020, 54, 85-98.	11.7	270
64	Robust Feature Matching Using Spatial Clustering With Heavy Outliers. IEEE Transactions on Image Processing, 2020, 29, 736-746.	6.0	130
65	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
66	A Variational Pansharpening Method Based on Gradient Sparse Representation. IEEE Signal Processing Letters, 2020, 27, 1180-1184.	2.1	41
67	Deterministic Model Fitting by Local-Neighbor Preservation and Global-Residual Optimization. IEEE Transactions on Image Processing, 2020, 29, 8988-9001.	6.0	16
68	Pan-GAN: An unsupervised pan-sharpening method for remote sensing image fusion. Information Fusion, 2020, 62, 110-120.	11.7	276
69	Semantic segmentation using stride spatial pyramid pooling and dual attention decoder. Pattern Recognition, 2020, 107, 107498.	5.1	50
70	MEF-GAN: Multi-Exposure Image Fusion via Generative Adversarial Networks. IEEE Transactions on Image Processing, 2020, 29, 7203-7216.	6.0	123
71	Infrared and visible image fusion via gradientlet filter. Computer Vision and Image Understanding, 2020, 197-198, 103016.	3.0	46
72	Cross-Weather Image Alignment via Latent Generative Model With Intensity Consistency. IEEE Transactions on Image Processing, 2020, 29, 5216-5228.	6.0	18

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73	Learning Spatial-Spectral Prior for Super-Resolution of Hyperspectral Imagery. IEEE Transactions on Computational Imaging, 2020, 6, 1082-1096.	2.6	123
74	Spectral-spatial classification for hyperspectral image based on a single GRU. Neurocomputing, 2020, 387, 150-160.	3.5	43
75	Learning to find reliable correspondences with local neighborhood consensus. Neurocomputing, 2020, 406, 150-158.	3.5	12
76	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
77	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
78	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
79	LMR: Learning a Two-Class Classifier for Mismatch Removal. IEEE Transactions on Image Processing, 2019, 28, 4045-4059.	6.0	172
80	Feature-guided Gaussian mixture model for image matching. Pattern Recognition, 2019, 92, 231-245.	5.1	58
81	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
82	FusionGAN: A generative adversarial network for infrared and visible image fusion. Information Fusion, 2019, 48, 11-26.	11.7	954
83	Multi-Memory Convolutional Neural Network for Video Super-Resolution. IEEE Transactions on Image Processing, 2019, 28, 2530-2544.	6.0	135
84	Face hallucination through differential evolution parameter map learning with facial structure prior. Information Sciences, 2019, 481, 174-188.	4.0	6
85	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
86	Gaussian field estimator with manifold regularization for retinal image registration. Signal Processing, 2019, 157, 225-235.	2.1	27
87	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
88	Hyperspectral Image Classification in the Presence of Noisy Labels. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 851-865.	2.7	131
89	Locality Preserving Matching. International Journal of Computer Vision, 2019, 127, 512-531.	10.9	435
90	Infrared and visible image fusion methods and applications: A survey. Information Fusion, 2019, 45, 153-178.	11.7	904

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91	Deep transfer learning for military object recognition under small training set condition. <i>Neural Computing and Applications</i> , 2019, 31, 6469-6478.	3.2	57
92	Hyperspectral Image Classification With Discriminative Kernel Collaborative Representation and Tikhonov Regularization. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2018, 15, 587-591.	1.4	30
93	Nonuniformity Correction Based on Adaptive Sparse Representation Using Joint Local and Global Constraints Based Learning Rate. <i>IEEE Access</i> , 2018, 6, 10822-10839.	2.6	3
94	Large-Scale Remote Sensing Image Retrieval by Deep Hashing Neural Networks. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 950-965.	2.7	209
95	Robust feature matching via Gaussian field criterion for remote sensing image registration. <i>Journal of Real-Time Image Processing</i> , 2018, 15, 523-536.	2.2	6
96	Image Deformation With Vector-Field Interpolation Based on MRLS-TPS. <i>IEEE Access</i> , 2018, 6, 75886-75898.	2.6	15
97	Rectangular-Normalized Superpixel Entropy Index for Image Quality Assessment. <i>Entropy</i> , 2018, 20, 947.	1.1	7
98	Guided Locality Preserving Feature Matching for Remote Sensing Image Registration. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 4435-4447.	2.7	230
99	Urban Area Detection in Very High Resolution Remote Sensing Images Using Deep Convolutional Neural Networks. <i>Sensors</i> , 2018, 18, 904.	2.1	30
100	Spatial Spectral Total Variation Regularized Low-Rank Tensor Decomposition for Hyperspectral Image Denoising. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 6196-6213.	2.7	125
101	SuperPCA: A Superpixelwise PCA Approach for Unsupervised Feature Extraction of Hyperspectral Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 4581-4593.	2.7	233
102	Learning Source-Invariant Deep Hashing Convolutional Neural Networks for Cross-Source Remote Sensing Image Retrieval. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 6521-6536.	2.7	126
103	Hyperspectral image denoising with superpixel segmentation and low-rank representation. <i>Information Sciences</i> , 2017, 397-398, 48-68.	4.0	110
104	Semi-Supervised Sparse Representation Based Classification for Face Recognition With Insufficient Labeled Samples. <i>IEEE Transactions on Image Processing</i> , 2017, 26, 2545-2560.	6.0	219
105	Robust Sparse Hyperspectral Unmixing With $\ell_{2,1}$ Norm. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 1227-1239.	2.7	65
106	Feature guided Gaussian mixture model with semi-supervised EM and local geometric constraint for retinal image registration. <i>Information Sciences</i> , 2017, 417, 128-142.	4.0	121
107	Robust Topological Navigation via Convolutional Neural Network Feature and Sharpness Measure. <i>IEEE Access</i> , 2017, 5, 20707-20715.	2.6	19
108	Single Image Super-Resolution via Locally Regularized Anchored Neighborhood Regression and Nonlocal Means. <i>IEEE Transactions on Multimedia</i> , 2017, 19, 15-26.	5.2	140

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109	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
110	Noise Robust Face Image Super-Resolution Through Smooth Sparse Representation. IEEE Transactions on Cybernetics, 2017, 47, 3991-4002.	6.2	101
111	Context-patch based face hallucination via thresholding locality-constrained representation and reproducing learning. , 2017, , .		13
112	A unified model for improving depth accuracy in kinect sensor. , 2017, , .		0
113	Robust Image Feature Matching via Progressive Sparse Spatial Consensus. IEEE Access, 2017, 5, 24568-24579.	2.6	17
114	Feature guided non-rigid image/surface deformation via moving least squares with manifold regularization. , 2017, , .		10
115	Sparse Unmixing of Hyperspectral Data with Noise Level Estimation. Remote Sensing, 2017, 9, 1166.	1.8	16
116	Hyperspectral Unmixing with Robust Collaborative Sparse Regression. Remote Sensing, 2016, 8, 588.	1.8	38
117	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
118	Robust sparse unmixing of hyperspectral data. , 2016, , .		1
119	Multimodal retinal image registration using edge map and feature guided Gaussian mixture model. , 2016, , .		3
120	Sparse unmixing of hyperspectral data based on robust linear mixing model. , 2016, , .		1
121	Object localization by density-based spatial clustering. , 2016, , .		0
122	Hyperspectral image denoising with segmentation-based low rank representation. , 2016, , .		0
123	Smooth sparse representation for noise robust face super-resolution. , 2016, , .		0
124	Hyperspectral Image Classification With Robust Sparse Representation. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 641-645.	1.4	82
125	Infrared and visible image fusion via gradient transfer and total variation minimization. Information Fusion, 2016, 31, 100-109.	11.7	761
126	Infrared and visible image fusion using total variation model. Neurocomputing, 2016, 202, 12-19.	3.5	90

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127	A registration based nonuniformity correction algorithm for infrared line scanner. Infrared Physics and Technology, 2016, 76, 667-675.	1.3	9
128	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
129	Hyperspectral image denoising based on low-rank representation and superpixel segmentation. , 2016, , .		7
130	Robust image matching via feature guided Gaussian mixture model. , 2016, , .		3
131	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
132	Registration of remote sensing images with non-rigid distortions. , 2016, , .		0
133	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
134	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
135	An Infrared Small Target Detecting Algorithm Based on Human Visual System. IEEE Geoscience and Remote Sensing Letters, 2016, , 1-5.	1.4	73
136	Infrared small target detection via line-based reconstruction and entropy-induced suppression. Infrared Physics and Technology, 2016, 76, 75-81.	1.3	18
137	Image retrieval based on image-to-class similarity. Pattern Recognition Letters, 2016, 83, 379-387.	2.6	22
138	Non-Rigid Point Set Registration by Preserving Global and Local Structures. IEEE Transactions on Image Processing, 2016, 25, 53-64.	6.0	262
139	Facial Image Hallucination Through Coupled-Layer Neighbor Embedding. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 1674-1684.	5.6	84
140	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
141	A Real-Time Infrared Ultra-Spectral Signature Classification Method via Spatial Pyramid Matching. Sensors, 2015, 15, 15868-15887.	2.1	3
142	A Biologically-Inspired Framework for Contour Detection Using Superpixel-Based Candidates and Hierarchical Visual Cues. Sensors, 2015, 15, 26654-26674.	2.1	13
143	Density-based region search with arbitrary shape for object localisation. IET Computer Vision, 2015, 9, 943-949.	1.3	1
144	Robust L_2 Estimation of Transformation for Non-Rigid Registration. IEEE Transactions on Signal Processing, 2015, 63, 1115-1129.	3.2	262

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145	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
146	Image Feature Matching via Progressive Vector Field Consensus. IEEE Signal Processing Letters, 2015, 22, 767-771.	2.1	34
147	Directional support value of Gaussian transformation for infrared small target detection. Applied Optics, 2015, 54, 2255.	0.9	65
148	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
149	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
150	Non-rigid visible and infrared face registration via regularized Gaussian fields criterion. Pattern Recognition, 2015, 48, 772-784.	5.1	199
151	Non-rigid point set registration via coherent spatial mapping. Signal Processing, 2015, 106, 62-72.	2.1	32
152	Mismatch removal via coherent spatial relations. Journal of Electronic Imaging, 2014, 23, 043012.	0.5	11
153	Robust Point Matching via Vector Field Consensus. IEEE Transactions on Image Processing, 2014, 23, 1706-1721.	6.0	470
154	MsLRR: A Unified Multiscale Low-Rank Representation for Image Segmentation. IEEE Transactions on Image Processing, 2014, 23, 2159-2167.	6.0	48
155	A robust and outlier-adaptive method for non-rigid point registration. Pattern Analysis and Applications, 2014, 17, 379-388.	3.1	24
156	Multiscale facet model for infrared small target detection. Infrared Physics and Technology, 2014, 67, 202-209.	1.3	40
157	Good match exploration for infrared face recognition. Infrared Physics and Technology, 2014, 67, 111-115.	1.3	10
158	A Mixture Model for Robust Point Matching under Multi-Layer Motion. PLoS ONE, 2014, 9, e92282.	1.1	17
159	Nonrigid Image Deformation Using Moving Regularized Least Squares. IEEE Signal Processing Letters, 2013, 20, 988-991.	2.1	22
160	LIPID: Local Image Permutation Interval Descriptor. , 2013, , .		2
161	Regularized vector field learning with sparse approximation for mismatch removal. Pattern Recognition, 2013, 46, 3519-3532.	5.1	178
162	Robust Estimation of Nonrigid Transformation for Point Set Registration. , 2013, , .		127

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163	Boundary extraction using supervised edgelet classification. Optical Engineering, 2012, 51, 017002.	0.5	1
164	Mismatch removal via coherent spatial mapping. , 2012, , .		24
165	A robust method for vector field learning with application to mismatch removing. , 2011, , .		80
166	Obstacle detection by ground homograph estimation during autonomous navigation. , 2011, , .		0
167	Terrain reconstruction algorithm based on epipolar line rectification and dense matching. , 2011, , .		2