

Liang Xiao

List of Publications by Year in descending order

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278
papers

3,113
citations

236925

25
h-index

206112

48
g-index

283
all docs

283
docs citations

283
times ranked

2793
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Pan-Sharpener Method With Deep Neural Networks. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1037-1041.	3.1	267
2	Supervised Spectral-Spatial Hyperspectral Image Classification With Weighted Markov Random Fields. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 1490-1503.	6.3	194
3	Spatial-Spectral Kernel Sparse Representation for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 2462-2471.	4.9	166
4	CNN-Enhanced Graph Convolutional Network With Pixel- and Superpixel-Level Feature Fusion for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 8657-8671.	6.3	149
5	Image-Based Quantitative Analysis of Gold Immunochromatographic Strip via Cellular Neural Network Approach. IEEE Transactions on Medical Imaging, 2014, 33, 1129-1136.	8.9	138
6	Variational Bayesian Method for Retinex. IEEE Transactions on Image Processing, 2014, 23, 3381-3396.	9.8	83
7	Adaptive Fractional-order Multi-scale Method for Image Denoising. Journal of Mathematical Imaging and Vision, 2012, 43, 39-49.	1.3	81
8	A Variational Pan-Sharpener Method Based on Spatial Fractional-Order Geometry and Spectral-Spatial Low-Rank Priors. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1788-1802.	6.3	67
9	Automatic Change Detection in High-Resolution Remote Sensing Images by Using a Multiple Classifier System and Spectral-Spatial Features. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3439-3451.	4.9	64
10	A Truncated Matrix Decomposition for Hyperspectral Image Super-Resolution. IEEE Transactions on Image Processing, 2020, 29, 8028-8042.	9.8	51
11	Efficient Deep Learning of Nonlocal Features for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6029-6043.	6.3	51
12	A Multi-Scale Wavelet 3D-CNN for Hyperspectral Image Super-Resolution. Remote Sensing, 2019, 11, 1557.	4.0	46
13	A fast adaptive reweighted residual-feedback iterative algorithm for fractional-order total variation regularized multiplicative noise removal of partly-textured images. Signal Processing, 2014, 98, 381-395.	3.7	41
14	Generalized Tensor Regression for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 1244-1258.	6.3	36
15	Model Inspired Autoencoder for Unsupervised Hyperspectral Image Super-Resolution. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	35
16	Spatial-Hessian-Feature-Guided Variational Model for Pan-Sharpener. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 2235-2253.	6.3	34
17	Fast Superpixel Based Subspace Low Rank Learning Method for Hyperspectral Denoising. IEEE Access, 2018, 6, 12031-12043.	4.2	34
18	Contour-Seed Pairs Learning-Based Framework for Simultaneously Detecting and Segmenting Various Overlapping Cells/Nuclei in Microscopy Images. IEEE Transactions on Image Processing, 2018, 27, 5759-5774.	9.8	34

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19	Content-Guided Convolutional Neural Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6124-6137.	6.3	33
20	An improved variational level set method for MR image segmentation and bias field correction. Magnetic Resonance Imaging, 2013, 31, 439-447.	1.8	32
21	Monocular Road Detection Using Structured Random Forest. International Journal of Advanced Robotic Systems, 2016, 13, 101.	2.1	31
22	Optimizing multiscale segmentation with local spectral heterogeneity measure for high resolution remote sensing images. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 157, 13-25.	11.1	29
23	Variational Regularization Network With Attentive Deep Prior for Hyperspectral-Multispectral Image Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	27
24	Adaptive Agent Model: Software Adaptivity using an Agent-oriented Model-Driven Architecture. Information and Software Technology, 2009, 51, 109-137.	4.4	26
25	A novel $l_1/2$ sparse regression method for hyperspectral unmixing. International Journal of Remote Sensing, 2013, 34, 6983-7001.	2.9	26
26	Hyperspectral Image Classification Using Kernel Sparse Representation and Semilocal Spatial Graph Regularization. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 1320-1324.	3.1	26
27	Multi-layer boosting sparse convolutional model for generalized nuclear segmentation from histopathology images. Knowledge-Based Systems, 2019, 176, 40-53.	7.1	26
28	An improved region-based model with local statistical features for image segmentation. Pattern Recognition, 2012, 45, 1578-1590.	8.1	25
29	Hyperspectral Mixed Denoising via Spectral Difference-Induced Total Variation and Low-Rank Approximation. Remote Sensing, 2018, 10, 1956.	4.0	25
30	BDANet: Multiscale Convolutional Neural Network With Cross-Directional Attention for Building Damage Assessment From Satellite Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	25
31	Multiplicative Noise Removal via a Novel Variational Model. Eurasip Journal on Image and Video Processing, 2010, 2010, 1-16.	2.6	24
32	Automatic method for white matter lesion segmentation based on T1-weighted attenuated inversion recovery images. IET Computer Vision, 2015, 9, 447-455.	2.0	24
33	Perceptual image quality assessment based on structural similarity and visual masking. Signal Processing: Image Communication, 2012, 27, 772-783.	3.2	23
34	Hyperspectral Imagery Super-Resolution by Compressive Sensing Inspired Dictionary Learning and Spatial-Spectral Regularization. Sensors, 2015, 15, 2041-2058.	3.8	23
35	Deep CNN-based hyperspectral image classification using discriminative multiple spatial-spectral feature fusion. Remote Sensing Letters, 2020, 11, 827-836.	1.4	23
36	Developing an electronic health record (EHR) for methadone treatment recording and decision support. BMC Medical Informatics and Decision Making, 2011, 11, 5.	3.0	22

#	ARTICLE	IF	CITATIONS
37	Structure-Based Low-Rank Model With Graph Nuclear Norm Regularization for Noise Removal. IEEE Transactions on Image Processing, 2017, 26, 3098-3112.	9.8	22
38	ADMM-HFNet: A Matrix Decomposition-Based Deep Approach for Hyperspectral Image Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	21
39	Multilevel Superpixel Structured Graph U-Nets for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	21
40	A knowledgeable security model for distributed health information systems. Computers and Security, 2010, 29, 331-349.	6.0	20
41	An Adaptive Security Model for Multi-agent Systems and Application to a Clinical Trials Environment. Proceedings - IEEE Computer Society's International Computer Software and Applications Conference, 2007, , .	0.0	19
42	New image restoration method associated with tetrolets shrinkage and weighted anisotropic total variation. Signal Processing, 2013, 93, 661-670.	3.7	19
43	Multimodal spatial-based segmentation framework for white matter lesions in multi-sequence magnetic resonance images. Biomedical Signal Processing and Control, 2017, 31, 52-62.	5.7	19
44	An adaptive security model using agent-oriented MDA. Information and Software Technology, 2009, 51, 933-955.	4.4	18
45	A Twice Optimizing Net With Matrix Decomposition for Hyperspectral and Multispectral Image Fusion. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4095-4110.	4.9	18
46	Comments on "Robust embedding of visual watermarks using discrete wavelet transform and singular value decomposition" and theoretical analysis. Journal of Electronic Imaging, 2008, 17, 040501.	0.9	17
47	A Weberized Total Variation Regularization-Based Image Multiplicative Noise Removal Algorithm. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.7	17
48	Iterative Directional Total Variation Refinement for Compressive Sensing Image Reconstruction. IEEE Signal Processing Letters, 2013, 20, 1070-1073.	3.6	17
49	Hybrid Local and Nonlocal 3-D Attentive CNN for Hyperspectral Image Super-Resolution. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1274-1278.	3.1	17
50	Active contour model for simultaneous MR image segmentation and denoising. , 2013, 23, 1186-1196.		15
51	An active contour model driven by anisotropic region fitting energy for image segmentation. , 2013, 23, 238-243.		15
52	Bilayer Elastic Net Regression Model for Supervised Spectral-Spatial Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 4102-4116.	4.9	15
53	An automatic glioma grading method based on multi-feature extraction and fusion. Technology and Health Care, 2017, 25, 377-385.	1.2	15
54	Hypergraph-Regularized Low-Rank Subspace Clustering Using Superpixels for Unsupervised Spatial-Spectral Hyperspectral Classification. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 871-875.	3.1	15

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55	Compressed sensing joint reconstruction for multi-view images. Electronics Letters, 2010, 46, 1548.	1.0	14
56	Boundary-to-Marker Evidence-Controlled Segmentation and MDL-Based Contour Inference for Overlapping Nuclei. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 451-464.	6.3	14
57	Patch-Aware Deep Hyperspectral and Multispectral Image Fusion by Unfolding Subspace-Based Optimization Model. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1024-1038.	4.9	14
58	Cartoon-texture composite regularization based non-blind deblurring method for partly-textured blurred images with Poisson noise. Signal Processing, 2015, 116, 127-140.	3.7	13
59	A Novel Hyperspectral Image Clustering Method With Context-Aware Unsupervised Discriminative Extreme Learning Machine. IEEE Access, 2018, 6, 16176-16188.	4.2	13
60	Towards agent-oriented model-driven architecture. European Journal of Information Systems, 2007, 16, 390-406.	9.2	12
61	Developing a rule-driven clinical decision support system with an extensive and adaptative architecture. , 2012, , .		12
62	ELM-based spectral-spatial classification of hyperspectral images using bilateral filtering information on spectral band-subsets. , 2016, , .		12
63	PAN-Sharpener via residual deep learning. , 2017, , .		12
64	A Spectral-Spatial Domain-Specific Convolutional Deep Extreme Learning Machine for Supervised Hyperspectral Image Classification. IEEE Access, 2019, 7, 132240-132252.	4.2	12
65	A Probabilistic Model Based on Bipartite Convolutional Neural Network for Unsupervised Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	12
66	Learning Multiple Parameters for Kernel Collaborative Representation Classification. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5068-5078.	11.3	12
67	Hyperspectral Image Classification via a Novel Spectral-Spatial 3D ConvLSTM-CNN. Remote Sensing, 2021, 13, 4348.	4.0	12
68	Image dehazing using two-dimensional canonical correlation analysis. IET Computer Vision, 2015, 9, 903-913.	2.0	11
69	Pure spatial rich model features for digital image steganalysis. Multimedia Tools and Applications, 2016, 75, 2897-2912.	3.9	11
70	NMF-DuNet: Nonnegative Matrix Factorization Inspired Deep Unrolling Networks for Hyperspectral and Multispectral Image Fusion. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 5704-5720.	4.9	11
71	Compounded Regularization and Fast Algorithm for Compressive Sensing Deconvolution. , 2011, , .		10
72	Efficient and Effective Total Variation Image Super-Resolution: A Preconditioned Operator Splitting Approach. Mathematical Problems in Engineering, 2011, 2011, 1-20.	1.1	10

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73	Hyperspectral image supervised classification via multi-view nuclear norm based 2D PCA feature extraction and kernel ELM. , 2016, , .		10
74	Adaptive Graph Convolutional Network for PolSAR Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	10
75	The Agent-Rule-Class framework for Multi-Agent Systems. Multiagent and Grid Systems, 2006, 2, 325-351.	0.9	9
76	Developing a security protocol for a distributed decision support system in a healthcare environment. , 2008, , .		9
77	A robust patch-statistical active contour model for image segmentation. Pattern Recognition Letters, 2012, 33, 1549-1557.	4.2	9
78	An Agent-Oriented Approach to Support Multidisciplinary Care Decisions. , 2013, , .		9
79	Efficient multiplicative noise removal method using isotropic second order total variation. Computers and Mathematics With Applications, 2015, 70, 2029-2048.	2.7	9
80	Local brightness adaptive image colour enhancement with Wasserstein distance. IET Image Processing, 2015, 9, 43-53.	2.5	9
81	A New Geometry Enforcing Variational Model for Pan-Sharpener. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 5726-5739.	4.9	9
82	Modelling clinical experience data as an evidence for patient-oriented decision support. BMC Medical Informatics and Decision Making, 2020, 20, 138.	3.0	9
83	Adaptive Agent Model: an Agent Interaction and Computation Model. Proceedings - IEEE Computer Society's International Computer Software and Applications Conference, 2007, , .	0.0	8
84	Bi-component decomposition based hybrid regularization method for partly-textured CS-MR image reconstruction. Signal Processing, 2016, 128, 274-290.	3.7	8
85	Spatialâ€Spectral Hyperspectral Image Classification Using Random Multiscale Representation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 4129-4141.	4.9	8
86	Superpixel-guided multiscale kernel collaborative representation for hyperspectral image classification. Remote Sensing Letters, 2016, 7, 975-984.	1.4	8
87	Supervised classification of hyperspectral images using local-receptive-fields-based kernel extreme learning machine. , 2017, , .		8
88	Hyperspectral image clustering via sparse dictionaryâ€based anchored regression. IET Image Processing, 2019, 13, 261-269.	2.5	8
89	Bipartite Graph Partition Based Coclustering With Joint Sparsity for Hyperspectral Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 4698-4711.	4.9	8
90	Multicomponent Driven Consistency Priors for Simultaneous Decomposition and Pansharpening. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 4589-4605.	4.9	8

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91	Simultaneous Video Stabilization and Rolling Shutter Removal. IEEE Transactions on Image Processing, 2021, 30, 4637-4652.	9.8	8
92	Nonlocal total variation based speckle noise removal method for ultrasound image. , 2011, , .		7
93	Compressive Sensing Inverse Synthetic Aperture Radar Imaging Based on Gini Index Regularization. International Journal of Automation and Computing, 2014, 11, 441-448.	4.5	7
94	Video stabilisation with total warping variation model. IET Image Processing, 2017, 11, 465-474.	2.5	7
95	Image Classification with Deep Belief Networks and Improved Gradient Descent. , 2017, , .		7
96	MC-JAFN: Multilevel Contexts-Based Joint Attentive Fusion Network for Pansharpening. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	7
97	A Nonconvex Pansharpening Model With Spatial and Spectral Gradient Difference-Induced Nonconvex Sparsity Priors. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	7
98	Externalisation and Adaptation of Multi-Agent System Behavior. Advances in Database Research Series, 2006, , 148-169.	0.1	7
99	Perceptual digital watermark of images using ridgelet transform. , 0, , .		6
100	Expressive security policy rules using Layered Conceptual Graphs. Knowledge-Based Systems, 2008, 21, 209-216.	7.1	6
101	A novel sparsity constrained nonnegative matrix factorization for hyperspectral unmixing. , 2012, , .		6
102	Edge and color preserving single image superresolution. Journal of Electronic Imaging, 2014, 23, 033002.	0.9	6
103	Local and Nonlocal Context-Aware Elastic Net Representation-Based Classification for Hyperspectral Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 2922-2939.	4.9	6
104	Prediction of Lung Motion From Four-Dimensional Computer Tomography (4DCT) Images Using Bayesian Registration and Trajectory Modelling. IEEE Access, 2018, 6, 2803-2811.	4.2	6
105	Composite kernel learning network for hyperspectral image classification. International Journal of Remote Sensing, 2021, 42, 6066-6089.	2.9	6
106	Secure Interaction Models for the HealthAgents System. Lecture Notes in Computer Science, 2008, , 167-180.	1.3	6
107	Pansharpening via sparse regression. Optical Engineering, 2017, 56, 1.	1.0	6
108	Modeling and Simulation of Digital Scene Image Synthesis Using Image Intensified CCD Under Different Weathers in Scene Matching Simulation System. Lecture Notes in Computer Science, 2005, , 607-616.	1.3	5

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109	Comments on "Staircase effect alleviation by coupling gradient fidelity term", Image and Vision Computing, 2010, 28, 1569-1574.	4.5	5
110	Compressed image sensing with components regularization based on Bregman iteration. Journal of China Universities of Posts and Telecommunications, 2011, 18, 114-119.	0.8	5
111	iSearch. , 2011, , .		5
112	Spatial-spectral compressive sensing for hyperspectral images super-resolution over learned dictionary. , 2014, , .		5
113	Fast projections of spatial rich model feature for digital image steganalysis. Soft Computing, 2017, 21, 3335-3343.	3.6	5
114	Poisson noise removal based on nonlocal total variation with Euler's elastica pre-processing. Journal of Shanghai Jiaotong University (Science), 2017, 22, 609-614.	0.9	5
115	A Novel Generalized Intensity-Hue-Saturation (GIHS) Based Pan-Sharpener With Variational Hessian Transferring. IEEE Access, 2018, 6, 46751-46761.	4.2	5
116	Graph Convolutional Sparse Subspace Clustering With Nonnegative Orthogonal Factorization for Large Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	5
117	Research and application of a new computational model of human vision system based on ridgelet transform. , 2005, , .		4
118	Single image super-resolution by clustered sparse representation and adaptive patch aggregation. China Communications, 2013, 10, 50-61.	3.2	4
119	Partial least-squares regression on common feature space for single image superresolution. Journal of Electronic Imaging, 2014, 23, 053006.	0.9	4
120	Developing a standard protocol for clinical data exchange and analysis. , 2015, , .		4
121	Hyperspectral Denoising Via Cross Total Variation-Regularized Unidirectional Nonlocal Low-Rank Tensor Approximation. , 2018, , .		4
122	A Multi-Scale Densely Deep Learning Method for Pansharpening. , 2019, , .		4
123	An improved composite kernel framework for hyperspectral image classification using canonical correlation analysis. Remote Sensing Letters, 2019, 10, 411-420.	1.4	4
124	Deep associative learning for neural networks. Neurocomputing, 2021, 443, 222-234.	5.9	4
125	Sparse Representations of Images by a Multi-component Gabor Perception Dictionary. Zidonghua Xuebao/Acta Automatica Sinica, 2009, 34, 1379-1387.	0.3	4
126	Spatial Correlation Constrained Sparse Representation for Hyperspectral Image Classification. Dianzi Yu Xinxi Xuebao/Journal of Electronics and Information Technology, 2013, 34, 2666-2671.	0.1	4

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127	A Super-resolution Reconstruction via Local and Contextual Information Driven Partial Differential Equations. , 2007, , .		3
128	Algorithm based on the finite ridgelet transform for enhancing faint pavement cracks. Optical Engineering, 2008, 47, 017004.	1.0	3
129	A Nonlinear Inverse Scale Space Method for Multiplicative Noise Removal Based on Weberized Total Variation. , 2009, , .		3
130	Compressed sensing image reconstruction based on morphological component analysis. , 2009, , .		3
131	Image Variational Denoising Using Gradient Fidelity on Curvelet Shrinkage. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.7	3
132	The design and implementation of a novel security model for HealthAgents. Knowledge Engineering Review, 2011, 26, 261-282.	2.6	3
133	Fractional-order iterative regularization method for total variation based image denoising. Journal of Electronic Imaging, 2012, 21, 043005-1.	0.9	3
134	Pan-sharpening using 2D CCA. Remote Sensing Letters, 2015, 6, 341-350.	1.4	3
135	Single image super-resolution method via refined local learning. Journal of Shanghai Jiaotong University (Science), 2015, 20, 26-31.	0.9	3
136	Fast unstructured road detection and tracking from monocular video. , 2015, , .		3
137	Transmission of clinical information based on HL7 CDA standard. , 2016, , .		3
138	A fast higher degree total variation minimization method for image restoration. International Journal of Computer Mathematics, 2016, 93, 1383-1404.	1.8	3
139	Supervised classification of hyperspectral images via heterogeneous deep neural networks. , 2017, , .		3
140	Application of the neural network in diagnosis of breast cancer based on levenberg-marquardt algorithm. , 2017, , .		3
141	Spatial rich model steganalysis feature normalization on random feature-subsets. Soft Computing, 2018, 22, 1981-1992.	3.6	3
142	Deformable Registration of Chest Radiographs Using B-spline Based Method with Modified Residual Complexity. Journal of Shanghai Jiaotong University (Science), 2019, 24, 226-232.	0.9	3
143	Locally Low-Rank Regularized Video Stabilization With Motion Diversity Constraints. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2873-2887.	8.3	3
144	Evolving Connections in Group of Neurons for Robust Learning. IEEE Transactions on Cybernetics, 2022, 52, 3069-3082.	9.5	3

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145	Unified Low-Rank Subspace Clustering with Dynamic Hypergraph for Hyperspectral Image. Remote Sensing, 2021, 13, 1372.	4.0	3
146	A Relaxed Split Bregman Iteration for Total Variation Regularized Image Denoising. Lecture Notes in Computer Science, 2012, , 189-197.	1.3	3
147	A Hierarchical Agent Decision Support Model and Its Clinical Application. Smart Innovation, Systems and Technologies, 2020, , 195-214.	0.6	3
148	Image Restoration Model under Poisson Noise Using Sparse Representations and Split Bregman Iteration Algorithm. Zidonghua Xuebao/Acta Automatica Sinica, 2010, 36, 1512-1519.	0.3	3
149	Video Deblurring Via 3d CNN and Fourier Accumulation Learning. , 2020, , .		3
150	Bipartite Residual Network for Change Detection in Heterogeneous Optical and Radar Images. , 2020, , .		3
151	Self-Supervised Multi-Category Counting Networks for Automatic Check-Out. IEEE Transactions on Image Processing, 2022, 31, 3004-3016.	9.8	3
152	A Mutual Teaching Framework with Momentum Correction for Unsupervised Hyperspectral Image Change Detection. Remote Sensing, 2022, 14, 1000.	4.0	3
153	A model-guided deep convolutional sparse coding network for hyperspectral and multispectral image fusion. International Journal of Remote Sensing, 2022, 43, 2268-2295.	2.9	3
154	Prototype-based classifier learning for long-tailed visual recognition. Science China Information Sciences, 2022, 65, .	4.3	3
155	Multi-Step Truncated Q Learning Algorithm. , 2005, , .		2
156	Concealment of Damaged Block Coded Images Using Intelligent Two-Step Best Neighborhood Matching Algorithm. , 0, , .		2
157	Research of Multiple Watermarks Algorithm in E-commerce Copyright Protection and Tracking. , 2008, , .		2
158	A Security Model and its Application to a Distributed Decision Support System for Healthcare. , 2008, , .		2
159	The design of an EHR for clinical decision support. , 2010, , .		2
160	Variational image restoration based on Poisson singular integral and curvelet-type decomposition space regularization. , 2011, , .		2
161	A novel compound regularization and fast algorithm for compressive sensing deconvolution. Neurocomputing, 2013, 119, 131-138.	5.9	2
162	Fast Hessian Frobenius Norm Based Image Restoration. , 2014, , .		2

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163	Hyperspectral image classification using multinomial logistic regression and non-local prior on hidden fields. , 2015, , .		2
164	GPU-accelerated block matching algorithm for deformable registration of lung CT images. , 2015, 2015, 292-295.		2
165	Fast Second Degree Total Variation Method for Image Compressive Sensing. PLoS ONE, 2015, 10, e0137115.	2.5	2
166	Fractional order variational pan-sharpening. , 2016, , .		2
167	Hyperspectral image classification via region-based composite kernels. , 2016, , .		2
168	Context-Dependency Relation Extraction Based on Web Mining. , 2016, , .		2
169	Non-local Spectral-spatial Centralized Sparse Representation for hyperspectral image classification. , 2016, , .		2
170	Motion blur kernel estimation in steerable gradient domain of decomposed image. Multidimensional Systems and Signal Processing, 2016, 27, 577-596.	2.6	2
171	Surrogating circuit design solutions with robustness metrics. The Integration VLSI Journal, 2016, 52, 1-9.	2.1	2
172	Automated identification and reduction of artifacts in cine four-dimensional computed tomography (4DCT) images using respiratory motion model. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 1521-1532.	2.8	2
173	Robust segmentation of brain MRI images using a novel fuzzy c-means clustering method. , 2017, , .		2
174	Normal curvature-induced variational model for image restoration. IET Image Processing, 2018, 12, 679-689.	2.5	2
175	Multivariate Regression-Based Pan-Sharpener With Low Rank Regularization. , 2018, , .		2
176	A Bilevel Contextual MRF Model for Supervised Classification of High Spatial Resolution Remote Sensing Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 5360-5372.	4.9	2
177	Sparse Coding Driven Deep Decision Tree Ensembles for Nucleus Segmentation in Digital Pathology Images. IEEE Transactions on Image Processing, 2021, 30, 8088-8101.	9.8	2
178	A Fast Decoupling Algorithm for Image Super-resolution Reconstruction of Space-invariant System. Zidonghua Xuebao/Acta Automatica Sinica, 2010, 36, 229-236.	0.3	2
179	Multi-Supervised Recursive-CNN for Hyperspectral and Multispectral Image Fusion. , 2021, , .		2
180	Research on Non-Local Regularization Model and Algorithms for Image Super-Resolution Reconstruction. Jisuanji Xuebao/Chinese Journal of Computers, 2011, 34, 931-942.	0.3	2

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181	Estimation of Lung Motion Using Deformable Image Registration Based on Compressible Flow. Journal of Medical Imaging and Health Informatics, 2017, 7, 1667-1670.	0.3	2
182	Architectural analysis on dynamic MRI to study thoracic insufficiency syndrome. , 2018, 10576, .		2
183	A Bilateral Filter Based Post-Processing Approach for Supervised Spectral-Spatial Hyperspectral Image Classification. Mehran University Research Journal of Engineering and Technology, 2018, 37, 615-630.	0.6	2
184	Pseudo-label Selection for Deep Semi-supervised Learning. , 2020, , .		2
185	Auto method for ambient light independent panorama mosaics. , 0, , .		1
186	Collaborative design environment based on multi-agent. , 2005, , .		1
187	A knowledge hierarchy model for adaptive multi-agent systems. International Journal of Computer Applications in Technology, 2008, 31, 3.	0.5	1
188	Environment support for developing and configuring adaptive agents. Multiagent and Grid Systems, 2009, 5, 109-131.	0.9	1
189	Research of Blind Watermark Detection Algorithm Based on Wavelet and Contourlet Transform Domain. , 2009, , .		1
190	Brain MR image segmentation and bias field correction using adaptive fuzzy C means model. , 2010, , .		1
191	Design of a Random Number Generator from Fingerprint. , 2010, , .		1
192	A static image coding algorithm based on contourlet Classified Hidden Markov Tree model. Engineering Computations, 2011, 28, 172-183.	1.4	1
193	Perceptual Saliency Driven Total Variation for Image Denoising Using Tensor Voting. , 2011, , .		1
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