Liang Xiao

List of Publications by Year
in descending order

278	3,113	236925	206112
papers	citations	25	48
		h-index	g-index

283	283	283	2793
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evolving Connections in Group of Neurons for Robust Learning. IEEE Transactions on Cybernetics, 2022, 52, 3069-3082.	9.5	3
2	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
3	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
4	Graph Convolutional Sparse Subspace Coclustering With Nonnegative Orthogonal Factorization for Large Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	5
5	MC-JAFN: Multilevel Contexts-Based Joint Attentive Fusion Network for Pansharpening. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	7
6	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
7	A Bipartite Graph Partition-Based Coclustering Approach With Graph Nonnegative Matrix Factorization for Large Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	6.3	1
8	Adaptive Graph Convolutional Network for PolSAR Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	10
9	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
10	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
11	Multilevel Superpixel Structured Graph U-Nets for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	21
12	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
13	Model Inspired Autoencoder for Unsupervised Hyperspectral Image Super-Resolution. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	35
14	Self-Supervised Multi-Category Counting Networks for Automatic Check-Out. IEEE Transactions on Image Processing, 2022, 31, 3004-3016.	9.8	3
15	Learning Deep Subspace Projection Prior for Dual-Camera Compressive Hyperspectral Imaging. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	0
16	A Mutual Teaching Framework with Momentum Correction for Unsupervised Hyperspectral Image Change Detection. Remote Sensing, 2022, 14, 1000.	4.0	3
17	Software Requirements Engineer's Ability Assessment Method Based on Empirical Software Engineering. Wireless Communications and Mobile Computing, 2022, 2022, 1-10.	1.2	0
18	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

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19	Prototype-based classifier learning for long-tailed visual recognition. Science China Information Sciences, 2022, 65, .	4.3	3
20	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
21	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
22	Efficient Deep Learning of Nonlocal Features for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6029-6043.	6.3	51
23	Simultaneous Video Stabilization and Rolling Shutter Removal. IEEE Transactions on Image Processing, 2021, 30, 4637-4652.	9.8	8
24	Towards a Semantic-enabled Agent-oriented Distributed Clinical Decision Model. , 2021, , .		0
25	Unified Low-Rank Subspace Clustering with Dynamic Hypergraph for Hyperspectral Image. Remote Sensing, 2021, 13, 1372.	4.0	3
26	A Medical Guidance Model Driven by Subjective and Objective Knowledge. , 2021, , .		0
27	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
28	Composite kernel learning network for hyperspectral image classification. International Journal of Remote Sensing, 2021, 42, 6066-6089.	2.9	6
29	Deep associative learning for neural networks. Neurocomputing, 2021, 443, 222-234.	5.9	4
30	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
31	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
32	Spatial-Spectral Total Variation Constrained Collaborative Tensor Regularization for Dual-Camera Compressive Hyperspectral Imaging. , 2021, , .		1
33	Hyperspectral Image Denoising with Collaborative Total Variation and Low Rank Regularization. , 2021, , .		1
34	Multi-Supervised Recursive-CNN for Hyperspectral and Multispectral Image Fusion. , 2021, , .		2
35	Hyperspectral Image Classification via a Novel Spectral–Spatial 3D ConvLSTM-CNN. Remote Sensing, 2021, 13, 4348.	4.0	12
36	Evidence based on patient's experience data and clinical guidelines-for patient-oriented clinical decision support. , 2021, , .		0

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37	A Group Decision Description Language and its Clinical Application. , 2021, , .		1
38	A Flexible Clinical Decision Support Model and its Application to COVID-19. , 2021, , .		0
39	Generalized Tensor Regression for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 1244-1258.	6.3	36
40	Modelling clinical experience data as an evidence for patient-oriented decision support. BMC Medical Informatics and Decision Making, 2020, 20, 138.	3.0	9
41	A Truncated Matrix Decomposition for Hyperspectral Image Super-Resolution. IEEE Transactions on Image Processing, 2020, 29, 8028-8042.	9.8	51
42	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
43	Cortical thickness computation by solving tetrahedron-based harmonic field. Computers in Biology and Medicine, 2020, 120, 103727.	7.0	0
44	Content-Guided Convolutional Neural Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6124-6137.	6.3	33
45	Deep CNN-based hyperspectral image classification using discriminative multiple spatial-spectral feature fusion. Remote Sensing Letters, 2020, 11, 827-836.	1.4	23
46	A Hierarchical Agent Decision Support Model and Its Clinical Application. Smart Innovation, Systems and Technologies, 2020, , 195-214.	0.6	3
47	Learning Multiple Parameters for Kernel Collaborative Representation Classification. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5068-5078.	11.3	12
48	Video Deblurring Via 3d CNN and Fourier Accumulation Learning. , 2020, , .		3
49	Pseudo-label Selection for Deep Semi-supervised Learning. , 2020, , .		2
50	Link Prediction Based on Heuristics and Graph Attention. , 2020, , .		1
51	A Semantic-based Multi-agent Dynamic Interaction Model. , 2020, , .		1
52	Bipartite Residual Network for Change Detection in Heterogeneous Optical and Radar Images. , 2020, , .		3
53	A Directional Message Propagation Convolutional Neural Network for Hyperspectral Images Classification. , 2020, , .		0
54	PERONA-MALIK DIFFUSION DRIVEN CNN FOR SUPERVISED CLASSIFICATION OF HYPERSPECTRAL IMAGES. , 2020, , .		0

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55	Locally Constrained Collaborative Representation Based Fisher's LDA for Clustering of Hyperspectral Images. , 2020, , .		1
56	Multi-step Reasoning for Knowledge Graph Completion. , 2020, , .		0
57	A Multi-Scale Wavelet 3D-CNN for Hyperspectral Image Super-Resolution. Remote Sensing, 2019, 11, 1557.	4.0	46
58	A Spectral-Spatial Domain-Specific Convolutional Deep Extreme Learning Machine for Supervised Hyperspectral Image Classification. IEEE Access, 2019, 7, 132240-132252.	4.2	12
59	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
60	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
61	Multi-layer boosting sparse convolutional model for generalized nuclear segmentation from histopathology images. Knowledge-Based Systems, 2019, 176, 40-53.	7.1	26
62	Hyperspectral image clustering via sparse dictionaryâ€based anchored regression. IET Image Processing, 2019, 13, 261-269.	2.5	8
63	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
64	Hyperspectral Unmixing Via Simultaneous Dictionary Refining and Enhanced Sparse Regression. , 2019, , .		0
65	Data Augmentation and Refining with Steering Stencils for Supervised Classification of Hyperspectral Image. , 2019, , .		0
66	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
67	Supervised Hyperspectral Image Classification Via Sparse Separable Convolutional Feature Learning. , 2019, , .		0
68	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
69	A Multi-Scale Densely Deep Learning Method for Pansharpening. , 2019, , .		4
70	An improved composite kernel framework for hyperspectral image classification using canonical correlation analysis. Remote Sensing Letters, 2019, 10, 411-420.	1.4	4
71	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
72	A Hybrid Convolutional Neural Network with Anisotropic Diffusion for Hyperspectral Image Classification. Lecture Notes in Computer Science, 2019, , 541-552.	1.3	0

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73	Clustering Hyperspectral Images Via Sparse Dictionary Learning with Joint Sparsity and Shared Wavelets. , 2019, , .		0
74	A Novel Hyperspectral Image Clustering Method With Context-Aware Unsupervised Discriminative Extreme Learning Machine. IEEE Access, 2018, 6, 16176-16188.	4.2	13
75	A Variational Pan-Sharpening 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
76	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
77	Normal curvature–induced variational model for image restoration. IET Image Processing, 2018, 12, 679-689.	2.5	2
78	Fast Superpixel Based Subspace Low Rank Learning Method for Hyperspectral Denoising. IEEE Access, 2018, 6, 12031-12043.	4.2	34
79	Spatial rich model steganalysis feature normalization on random feature-subsets. Soft Computing, 2018, 22, 1981-1992.	3.6	3
80	Pan-Sharpening with Hessian Nuclear Norm Induced Spatial Consistency. , 2018, , .		0
81	Multivariate Regression-Based Pan-Sharpening With Low Rank Regularization. , 2018, , .		2
82	Simultaneous Dictionary Sparse Pruning and Collaborative Sparse Regression for Hyperspectral Image Unmixing. , 2018, , .		1
83	Hyperspectral Mixed Denoising via Spectral Difference-Induced Total Variation and Low-Rank Approximation. Remote Sensing, 2018, 10, 1956.	4.0	25
84	Face Hallucination with Weighted Nuclear Norm Constraint. Journal of Shanghai Jiaotong University (Science), 2018, 23, 627-635.	0.9	0
85	Discriminative Pixel-Pairwise Constraint-Guided Extreme Learning Machine for Semi-Supervised Hyperspectral Image Classification. , 2018, , .		1
86	Hyperspectral Denoising Via Cross Total Variation-Regularized Unidirectional Nonlocal Low-Rank Tensor Approximation. , 2018, , .		4
87	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
88	A Novel Generalized Intensity-Hue-Saturation (GIHS) Based Pan-Sharpening Method With Variational Hessian Transferring. IEEE Access, 2018, 6, 46751-46761.	4.2	5
89	Architectural analysis on dynamic MRI to study thoracic insufficiency syndrome. , 2018, 10576, .		2
90	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

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91	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
92	Fast projections of spatial rich model feature for digital image steganalysis. Soft Computing, 2017, 21, 3335-3343.	3.6	5
93	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
94	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
95	Robust segmentation, shape fitting and morphology computation of high-throughput cell nuclei. Journal of Shanghai Jiaotong University (Science), 2017, 22, 180-187.	0.9	0
96	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
97	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
98	Color demosaicking via nonlocal tensor representation. , 2017, , .		1
99	Video stabilisation with total warping variation model. IET Image Processing, 2017, 11, 465-474.	2.5	7
100	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
101	Supervised classification of hyperspectral images via heterogeneous deep neural networks. , 2017, , .		3
102	PAN-Sharpening via residual deep learning. , 2017, , .		12
103	Application of the neural network in diagnosis of breast cancer based on levenberg-marquardt algorithm. , 2017, , .		3
104	Supervised classification of hyperspectral images using local-receptive-fields-based kernel extreme learning machine. , 2017, , .		8
105	A knowledge model and its application to agent-oriented clinical decision support. , 2017, , .		0
106	Image Classification with Deep Belief Networks and Improved Gradient Descent. , 2017, , .		7
107	Robust segmentation of brain MRI images using a novel fuzzy c-means clustering method. , 2017, , .		2
108	An automatic glioma grading method based on multi-feature extraction and fusion. Technology and Health Care, 2017, 25, 377-385.	1.2	15

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109	Video enhancement using temporal-spatial total variation retinex and luminance adaptation. , 2017, , .		1
110	Pansharpening via sparse regression. Optical Engineering, 2017, 56, 1.	1.0	6
111	Coarse Classification to Region-Scalable Refining for White Matter Lesions Segmentation in Multi-Channel MRI. CNS and Neurological Disorders - Drug Targets, 2017, 16, 150-159.	1.4	1
112	A Low Rank Regularization Method for Motion Adaptive Video Stabilization. Lecture Notes in Computer Science, 2017, , 539-548.	1.3	0
113	Joint Multiview Fused ELM Learning with Propagation Filter for Hyperspectral Image Classification. Lecture Notes in Computer Science, 2017, , 374-388.	1.3	0
114	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
115	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
116	Monocular Road Detection Using Structured Random Forest. International Journal of Advanced Robotic Systems, 2016, 13, 101.	2.1	31
117	Fractional order variational pan-sharpening. , 2016, , .		2
118	Transmission of clinical information based on HL7 CDA standard. , 2016, , .		3
119	Research of Clinical Decision Support System Based on Distributed Environment. , 2016, , .		0
120	Hyperspectral image classification via region-based composite kernels. , 2016, , .		2
121	Context-Dependency Relation Extraction Based on Web Mining. , 2016, , .		2
122	Non-local Spectral-spatial Centralized Sparse Representation for hyperspectral image classification. , 2016, , .		2
123	ELM-based classification of ADHD patients using a novel local feature extraction method. , 2016, , .		1
124	A New Geometry Enforcing Variational Model for Pan-Sharpening. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 5726-5739.	4.9	9
125	Bi-component decomposition based hybrid regularization method for partly-textured CS-MR image reconstruction. Signal Processing, 2016, 128, 274-290.	3.7	8
126	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

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127	ELM-based spectral-spatial classification of hyperspectral images using bilateral filtering information on spectral band-subsets. , 2016, , .		12
128	Superpixel-guided multiscale kernel collaborative representation for hyperspectral image classification. Remote Sensing Letters, 2016, 7, 975-984.	1.4	8
129	Hyperspectral image supervised classification via multi-view nuclear norm based 2D PCA feature extraction and kernel ELM. , 2016, , .		10
130	Automated Assessment Method of Chinese Subjective Questions Based on Semantics. , 2016, , .		0
131	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
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133	A fast higher degree total variation minimization method for image restoration. International Journal of Computer Mathematics, 2016, 93, 1383-1404.	1.8	3
134	Spatial-Hessian-Feature-Guided Variational Model for Pan-Sharpening. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 2235-2253.	6.3	34
135	Surrogating circuit design solutions with robustness metrics. The Integration VLSI Journal, 2016, 52, 1-9.	2.1	2
136	Pure spatial rich model features for digital image steganalysis. Multimedia Tools and Applications, 2016, 75, 2897-2912.	3.9	11
137	GPU implementation for ℓ_0-regularized blind motion deblurring. , 2015, , .		0
138	Hyperspectral image classification using multinomial logistic regression and non-local prior on hidden fields. , 2015, , .		2
139	Hyperspectral image classification via Elastic Net Regression and bilateral filtering. , 2015, , .		1
140	A new variational method for pan-sharpening. , 2015, , .		0
141	GPU-accelerated block matching algorithm for deformable registration of lung CT images. , 2015, 2015, 292-295.		2
142	Fast Second Degree Total Variation Method for Image Compressive Sensing. PLoS ONE, 2015, 10, e0137115.	2.5	2
143	Pan-sharpening using 2D CCA. Remote Sensing Letters, 2015, 6, 341-350.	1.4	3
144	Joint dictionary learning with ridge regression for pansharpening. , 2015, , .		1

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145	Developing a standard protocol for clinical data exchange and analysis. , 2015, , .		4
146	Research of multi-agent system based on CDA message structure in clinical decision support. , 2015, , .		0
147	Image dehazing using two‐dimensional canonical correlation analysis. IET Computer Vision, 2015, 9, 903-913.	2.0	11
148	An Agent-Oriented Data Sharing and Decision Support Service for Hubei Provincial Care Platform. Lecture Notes in Computer Science, 2015, , 429-440.	1.3	1
149	Two-stage image deblurring with L0 gradient minimization and non-local refinement. Pattern Recognition and Image Analysis, 2015, 25, 588-592.	1.0	1
150	Coupled learning based on singular-values-unique and hog for face hallucination. , 2015, , .		1
151	Color demosaicking via robust adaptive sparse representation. Journal of Electronic Imaging, 2015, 24, 053012.	0.9	0
152	Color Equalization and Retinex. , 2015, , 253-289.		1
153	Efficient multiplicative noise removal method using isotropic second order total variation. Computers and Mathematics With Applications, 2015, 70, 2029-2048.	2.7	9
154	Single image super-resolution method via refined local learning. Journal of Shanghai Jiaotong University (Science), 2015, 20, 26-31.	0.9	3
155	Local brightness adaptive image colour enhancement with Wasserstein distance. IET Image Processing, 2015, 9, 43-53.	2.5	9
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157	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
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159	Fast unstructured road detection and tracking from monocular video. , 2015, , .		3
160	Automatic method for white matter lesion segmentation based on T1‐fluid‐attenuated inversion recovery images. IET Computer Vision, 2015, 9, 447-455.	2.0	24
161	Blind Motion Deblurring Based on Fused $$\ell _0$$ - $$\ell _1$$ Regularization. Lecture Notes in Computer Science, 2015, , 1-10.	1.3	1
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165	Mixed Higher Order Variational Model for Image Recovery. Mathematical Problems in Engineering, 2014, 2014, 1-15.	1.1	0
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167	Image Demosaicking Using Chromatic-Preserved Kernel Regression. , 2014, , .		0
168	Spatial-spectral compressive sensing for hyperspectral images super-resolution over learned dictionary. , 2014, , .		5
169	Partial least-squares regression on common feature space for single image superresolution. Journal of Electronic Imaging, 2014, 23, 053006.	0.9	4
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172	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
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177	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
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179	Single image super-resolution by clustered sparse representation and adaptive patch aggregation. China Communications, 2013, 10, 50-61.	3.2	4
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182	A hybrid active contour model with structure feature for image segmentation. , 2013, , .		0
183	An improved variational level set method for MR image segmentation and bias field correction. Magnetic Resonance Imaging, 2013, 31, 439-447.	1.8	32
184	Active contour model for simultaneous MR image segmentation and denoising. , 2013, 23, 1186-1196.		15
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186	New image restoration method associated with tetrolets shrinkage and weighted anisotropic total variation. Signal Processing, 2013, 93, 661-670.	3.7	19
187	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
188	A structure-preserved nonlocal iterative regularization model for image denoising. , 2013, , .		0
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