Jin-Chang Ren

List of Publications by Year
in descending order

228 papers	7,600 citations	81434 41 h-index	71088 80 g-index
237 all docs	237 docs citations	237 times ranked	7158 citing authors

#	Article	IF	Citations
1	IR-Capsule: Two-Stream Network for Face Forgery Detection. Cognitive Computation, 2023, 15, 13-22.	3.6	3
2	A Music Cognition–Guided Framework for Multi-pitch Estimation. Cognitive Computation, 2023, 15, 23-35.	3.6	3
3	Adaptive Distance-Based Band Hierarchy (ADBH) for Effective Hyperspectral Band Selection. IEEE Transactions on Cybernetics, 2022, 52, 215-227.	6.2	20
4	SpaSSA: Superpixelwise Adaptive SSA for Unsupervised Spatial–Spectral Feature Extraction in Hyperspectral Image. IEEE Transactions on Cybernetics, 2022, 52, 6158-6169.	6.2	33
5	Fusion of PCA and Segmented-PCA Domain Multiscale 2-D-SSA for Effective Spectral-Spatial Feature Extraction and Data Classification in Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	25
6	Spectral–Spatial Self-Attention Networks for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	40
7	Novel Gumbel-Softmax Trick Enabled Concrete Autoencoder With Entropy Constraints for Unsupervised Hyperspectral Band Selection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	17
8	A Novel Multi-Stage Residual Feature Fusion Network for Detection of COVID-19 in Chest X-Ray Images. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2022, 8, 17-27.	1.4	29
9	A Novel Robust Low-rank Multi-view Diversity Optimization Model with Adaptive-Weighting Based Manifold Learning. Pattern Recognition, 2022, 122, 108298.	5.1	9
10	Effective extraction of ventricles and myocardium objects from cardiac magnetic resonance images with a multi-task learning U-Net. Pattern Recognition Letters, 2022, 155, 165-170.	2.6	7
11	SAM-Net: Semantic probabilistic and attention mechanisms of dynamic objects for self-supervised depth and camera pose estimation in visual odometry applications. Pattern Recognition Letters, 2022, 153, 126-135.	2.6	12
12	Estimation of Chlorophyll Concentration for Environment Monitoring in Scottish Marine Water. Lecture Notes in Electrical Engineering, 2022, , 582-587.	0.3	0
13	Superpixel Based Sea Ice Segmentation with High-Resolution Optical Images: Analysis and Evaluation. Lecture Notes in Electrical Engineering, 2022, , 1004-1012.	0.3	0
14	Non-Destructive Testing of Composite Fiber Materials With Hyperspectral Imaging–Evaluative Studies in the EU H2020 FibreEUse Project. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	2.4	9
15	MVVA-Net: a Video Aesthetic Quality Assessment Network with Cognitive Fusion of Multi-type Feature–Based Strong Generalization. Cognitive Computation, 2022, 14, 1435-1445.	3.6	1
16	Superpixel Nonlocal Weighting Joint Sparse Representation for Hyperspectral Image Classification. Remote Sensing, 2022, 14, 2125.	1.8	3
17	Multi-sourced sensing and support vector machine classification for effective detection of fire hazard in early stage. Computers and Electrical Engineering, 2022, 101, 108046.	3.0	14
18	Novel hyperbolic clustering-based band hierarchy (HCBH) for effective unsupervised band selection of hyperspectral images. Pattern Recognition, 2022, 130, 108788.	5.1	14

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19	Multiscale Spatial Fusion and Regularization Induced Unsupervised Auxiliary Task CNN Model for Deep Super-Resolution of Hyperspectral Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4583-4598.	2.3	3
20	An Artificial Neural Network Algorithm to Retrieve Chlorophyll a for Northwest European Shelf Seas from Top of Atmosphere Ocean Colour Reflectance. Remote Sensing, 2022, 14, 3353.	1.8	5
21	Editorial: Special Issue on Recent Advances in Cognitive Learning and Data Analysis. Cognitive Computation, 2021, 13, 785-786.	3.6	2
22	Topological optimization of the DenseNet with pretrained-weights inheritance and genetic channel selection. Pattern Recognition, 2021, 109, 107608.	5.1	25
23	EACOFT: An energy-aware correlation filter for visual tracking. Pattern Recognition, 2021, 112, 107766.	5.1	8
24	Multiscale 2-D Singular Spectrum Analysis and Principal Component Analysis for Spatial–Spectral Noise-Robust Feature Extraction and Classification of Hyperspectral Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 1233-1245.	2.3	9
25	Texture-Sensitive Superpixeling and Adaptive Thresholding for Effective Segmentation of Sea Ice Floes in High-Resolution Optical Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 577-586.	2.3	2
26	*DRL*-GAN: Dual-Stream Representation Learning GAN for Low-Resolution Image Classification in UAV Applications. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 1705-1716.	2.3	20
27	Nondestructive Phenolic Compounds Measurement and Origin Discrimination of Peated Barley Malt Using Near-Infrared Hyperspectral Imagery and Machine Learning. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-15.	2.4	16
28	Iterative Enhanced Multivariance Products Representation for Effective Compression of Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9569-9584.	2.7	13
29	A framework for breast cancer classification using Multi-DCNNs. Computers in Biology and Medicine, 2021, 131, 104245.	3.9	96
30	Fast Blind Deblurring of QR Code Images Based on Adaptive Scale Control. Mobile Networks and Applications, 2021, 26, 2472-2487.	2.2	8
31	Fast Restoration for Out-of-Focus Blurred Images of QR Code With Edge Prior Information via Image Sensing. IEEE Sensors Journal, 2021, 21, 18222-18236.	2.4	13
32	MTFFNet: a Multi-task Feature Fusion Framework for Chinese Painting Classification. Cognitive Computation, 2021, 13, 1287-1296.	3.6	6
33	Sparse learning of band power features with genetic channel selection for effective classification of EEG signals. Neurocomputing, 2021, 463, 566-579.	3.5	11
34	Fusion of Infrared and Visible Images for Remote Detection of Low-Altitude Slow-Speed Small Targets. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 2971-2983.	2.3	17
35	A New Cost Function for Spatial Image Steganography Based on 2D-SSA and WMF. IEEE Access, 2021, 9, 30604-30614.	2.6	9
36	Detection of the Deep-Sea Plankton Community in Marine Ecosystem with Underwater Robotic Platform. Sensors, 2021, 21, 6720.	2.1	1

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37	Multi-segment Majority Voting Decision Fusion for MI EEG Brain-Computer Interfacing. Cognitive Computation, 2021, 13, 1484-1495.	3.6	8
38	Folded LDA: Extending the Linear Discriminant Analysis Algorithm for Feature Extraction and Data Reduction in Hyperspectral Remote Sensing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 12312-12331.	2.3	28
39	Rewritable and Sustainable 2D Barcode for Traceability Application in Smart IoT Based Fault-Tolerant Mechanism. Sustainability, 2020, 12, 7192.	1.6	5
40	Boundary-aware High-resolution Network with region enhancement for salient object detection. Neurocomputing, 2020, 418, 91-101.	3.5	4
41	STEM Teaching for the Internet of Things Maker Course: A Teaching Model Based on the Iterative Loop. Sustainability, 2020, 12, 5758.	1.6	9
42	Semisupervised Hypergraph Discriminant Learning for Dimensionality Reduction of Hyperspectral Image. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4242-4256.	2.3	10
43	A Novel Intelligent Computational Approach to Model Epidemiological Trends and Assess the Impact of Non-Pharmacological Interventions for COVID-19. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 3551-3563.	3.9	22
44	Joint multi-task cascade for instance segmentation. Journal of Real-Time Image Processing, 2020, 17, 1983-1989.	2.2	5
45	Effective Melanoma Recognition Using Deep Convolutional Neural Network with Covariance Discriminant Loss. Sensors, 2020, 20, 5786.	2.1	2
46	SAFDet: A Semi-Anchor-Free Detector for Effective Detection of Oriented Objects in Aerial Images. Remote Sensing, 2020, 12, 3225.	1.8	9
47	Optimized highway deep learning network for fast single image super-resolution reconstruction. Journal of Real-Time Image Processing, 2020, 17, 1961-1970.	2.2	5
48	A Novel Spectral-Spatial Singular Spectrum Analysis Technique for Near Real-Time *In Situ* Feature Extraction in Hyperspectral Imaging. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2214-2225.	2.3	14
49	Weakly Supervised Conditional Random Fields Model for Semantic Segmentation with Image Patches. Applied Sciences (Switzerland), 2020, 10, 1679.	1.3	1
50	Content-Sensitive Superpixel Generation with Boundary Adjustment. Applied Sciences (Switzerland), 2020, 10, 3150.	1.3	2
51	Urban PM2.5 Concentration Prediction via Attention-Based CNN–LSTM. Applied Sciences (Switzerland), 2020, 10, 1953.	1.3	71
52	Combining t-Distributed Stochastic Neighbor Embedding With Convolutional Neural Networks for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1368-1372.	1.4	25
53	Triple loss for hard face detection. Neurocomputing, 2020, 398, 20-30.	3.5	13
54	Varietal Classification of Rice Seeds Using RGB and Hyperspectral Images. IEEE Access, 2020, 8, 22493-22505.	2.6	68

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55	MIMN-DPP: Maximum-information and minimum-noise determinantal point processes for unsupervised hyperspectral band selection. Pattern Recognition, 2020, 102, 107213.	5.1	18
56	Exemplar-Supported Representation for Effective Class-Incremental Learning. IEEE Access, 2020, 8, 51276-51284.	2.6	6
57	Spatial Residual Blocks Combined Parallel Network for Hyperspectral Image Classification. IEEE Access, 2020, 8, 74513-74524.	2.6	4
58	Knowledge-Based Multi-sequence MR Segmentation via Deep Learning withÂaÂHybrid U-Net++ Model. Lecture Notes in Computer Science, 2020, , 280-289.	1.0	2
59	Association Rule Mining for Road Traffic Accident Analysis: A Case Study from UK. Lecture Notes in Computer Science, 2020, , 520-529.	1.0	9
60	Deep Fusion of Localized Spectral Features and Multi-scale Spatial Features for Effective Classification of Hyperspectral Images. International Journal of Applied Earth Observation and Geoinformation, 2020, 91, 102157.	1.4	49
61	Automatic Extraction of Water Inundation Areas Using Sentinel-1 Data for Large Plain Areas. Remote Sensing, 2020, 12, 243.	1.8	16
62	Wheat Growth Assessment for Satellite Remote Sensing Enabled Precision Agriculture. Lecture Notes in Electrical Engineering, 2020, , 2270-2277.	0.3	0
63	Blind Detection Based on Color SIFT. Lecture Notes in Computer Science, 2020, , 331-341.	1.0	0
64	Towards Big Data Analytics and Mining for UK Traffic Accident Analysis, Visualization & Prediction. , 2020, , .		16
65	Sequence Similarity Alignment Algorithm in Bioinformatics: Techniques and Challenges. Lecture Notes in Computer Science, 2020, , 550-560.	1.0	0
66	Graph Embedded Multiple Kernel Extreme Learning Machine for Music Emotion Classification. Lecture Notes in Computer Science, 2020, , 180-191.	1.0	0
67	FiberEUse: A Funded Project Towards the Reuse of the End-of-Life Fiber Reinforced Composites with Nondestructive Inspection. Lecture Notes in Electrical Engineering, 2020, , 1541-1547.	0.3	0
68	Generic waveletâ€based image decomposition and reconstruction framework for multiâ€modal data analysis in smart camera applications. IET Computer Vision, 2020, 14, 471-479.	1.3	1
69	2D-SSA Based Multiscale Feature Fusion for Feature Extraction and Data Classification in Hyperspectral Imagery. , 2020, , .		1
70	3D Sensing Techniques for Multimodal Data Analysis and Integration in Smart and Autonomous Systems. Lecture Notes in Electrical Engineering, 2019, , 582-590.	0.3	1
71	Potential of UV and SWIR hyperspectral imaging for determination of levels of phenolic flavour compounds in peated barley malt. Food Chemistry, 2019, 270, 105-112.	4.2	33
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73	Classification of Post-earthquake High Resolution Image Using Adaptive Dynamic Region Merging and Gravitational Self-Organizing Maps. Springer Natural Hazards, 2019, , 33-56.	0.1	2
74	Compressive sensing based secret signals recovery for effective image Steganalysis in secure communications. Multimedia Tools and Applications, 2019, 78, 29381-29394.	2.6	3
75	Big Data Analytics and Mining for Effective Visualization and Trends Forecasting of Crime Data. IEEE Access, 2019, 7, 106111-106123.	2.6	79
76	Deep Learning Based Single Image Super-resolution: A Survey. International Journal of Automation and Computing, 2019, 16, 413-426.	4.5	53
77	Cognitive Modelling and Learning for Multimedia Mining and Understanding. Cognitive Computation, 2019, 11, 761-762.	3.6	9
78	TGMCF: A Tree-Guided Multi-Modality Correlation Filter for Visual Tracking. IEEE Access, 2019, 7, 166950-166963.	2.6	1
79	Combinational shadow index for building shadow extraction in urban areas from Sentinel-2A MSI imagery. International Journal of Applied Earth Observation and Geoinformation, 2019, 78, 53-65.	1.4	27
80	Coastal Wetland Mapping with Sentinel-2 MSI Imagery Based on Gravitational Optimized Multilayer Perceptron and Morphological Attribute Profiles. Remote Sensing, 2019, 11, 952.	1.8	18
81	Building Extraction from High-Resolution Aerial Imagery Using a Generative Adversarial Network with Spatial and Channel Attention Mechanisms. Remote Sensing, 2019, 11, 917.	1.8	103
82	Hyperspectral image reconstruction using Multi-colour and Time-multiplexed LED illumination. Optics and Lasers in Engineering, 2019, 121, 352-357.	2.0	10
83	A New Type of Eye Movement Model Based on Recurrent Neural Networks for Simulating the Gaze Behavior of Human Reading. Complexity, 2019, 2019, 1-12.	0.9	2
84	Breast cancer detection using deep convolutional neural networks and support vector machines. PeerJ, 2019, 7, e6201.	0.9	279
85	EEG-Based Brain-Computer Interfaces Using Motor-Imagery: Techniques and Challenges. Sensors, 2019, 19, 1423.	2.1	312
86	Spatial–spectral classification of hyperspectral images: a deep learning framework with Markov Random fields based modelling. IET Image Processing, 2019, 13, 235-245.	1.4	21
87	Superpixel based Feature Specific Sparse Representation for Spectral-Spatial Classification of Hyperspectral Images. Remote Sensing, 2019, 11, 536.	1.8	33
88	Automatic events extraction in pre-stack seismic data based on edge detection in slant-stacked peak amplitude profiles. Journal of Petroleum Science and Engineering, 2019, 178, 459-466.	2.1	5
89	Weakly Supervised Deep Semantic Segmentation Using CNN and ELM with Semantic Candidate Regions. Complexity, 2019, 2019, 1-12.	0.9	16
90	Smart Sensing and Adaptive Reasoning for Enabling Industrial Robots with Interactive Human-Robot Capabilities in Dynamic Environments—A Case Study. Sensors, 2019, 19, 1354.	2.1	14

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91	Local Block Multilayer Sparse Extreme Learning Machine for Effective Feature Extraction and Classification of Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5580-5594.	2.7	37
92	Guest Editorial: Hyperspectral Imaging and Applications. IET Image Processing, 2019, 13, 233-234.	1.4	3
93	MIMR-DGSA: Unsupervised hyperspectral band selection based on information theory and a modified discrete gravitational search algorithm. Information Fusion, 2019, 51, 189-200.	11.7	59
94	Multiscale Spatial-Spectral Convolutional Network with Image-Based Framework for Hyperspectral Imagery Classification. Remote Sensing, 2019, 11, 2220.	1.8	27
95	Incremental learning-based visual tracking with weighted discriminative dictionaries. International Journal of Advanced Robotic Systems, 2019, 16, 172988141989015.	1.3	0
96	Automatic Image Segmentation With Superpixels and Image-Level Labels. IEEE Access, 2019, 7, 10999-11009.	2.6	30
97	Combined multiscale segmentation convolutional neural network for rapid damage mapping from postearthquake very high-resolution images. Journal of Applied Remote Sensing, 2019, 13, 1.	0.6	14
98	TKRD: Trusted kernel rootkit detection for cybersecurity of VMs based on machine learning and memory forensic analysis. Mathematical Biosciences and Engineering, 2019, 16, 2650-2667.	1.0	20
99	Knowledge Based Fundamental and Harmonic Frequency Detection in Polyphonic Music Analysis. Lecture Notes in Electrical Engineering, 2019, , 591-599.	0.3	1
100	Low cost structured-light based 3D surface reconstruction. International Journal on Smart Sensing and Intelligent Systems, 2019, 12, 1-11.	0.4	2
101	Spectral-spatial classification of hyperspectral data using spectral-domain local binary patterns. Multimedia Tools and Applications, 2018, 77, 29889-29903.	2.6	4
102	A deep-learning based feature hybrid framework for spatiotemporal saliency detection inside videos. Neurocomputing, 2018, 287, 68-83.	3.5	119
103	Unsupervised image saliency detection with Gestalt-laws guided optimization and visual attention based refinement. Pattern Recognition, 2018, 79, 65-78.	5.1	133
104	Cognitive Fusion of Thermal and Visible Imagery for Effective Detection and Tracking of Pedestrians in Videos. Cognitive Computation, 2018, 10, 94-104.	3.6	67
105	A Dynamic Neighborhood Learning-Based Gravitational Search Algorithm. IEEE Transactions on Cybernetics, 2018, 48, 436-447.	6.2	75
106	Fast implementation of two-dimensional singular spectrum analysis for effective data classification in hyperspectral imaging. Journal of the Franklin Institute, 2018, 355, 1733-1751.	1.9	23
107	A stability constrained adaptive alpha for gravitational search algorithm. Knowledge-Based Systems, 2018, 139, 200-213.	4.0	63
108	Joint bilateral filtering and spectral similarity-based sparse representation: A generic framework for effective feature extraction and data classification in hyperspectral imaging. Pattern Recognition, 2018, 77, 316-328.	5.1	59

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109	Segmented Autoencoders for Unsupervised Embedded Hyperspectral Band Selection. , 2018, , .		11
110	Spectral-Spatial Topographic Shadow Detection from Sentinel-2A MSI Imagery Via Convolutional Neural Networks. , 2018, , .		1
111	Deep Learning Based Single Image Super-Resolution: A Survey. Lecture Notes in Computer Science, 2018, , 106-119.	1.0	20
112	Big Data Analytics and Mining for Crime Data Analysis, Visualization and Prediction. Lecture Notes in Computer Science, 2018, , 605-614.	1.0	21
113	Deep Background Subtraction of Thermal and Visible Imagery for Pedestrian Detection in Videos. Lecture Notes in Computer Science, 2018, , 75-84.	1.0	6
114	Cognitive seismic data modelling based successive differential evolution algorithm for effective exploration of oil-gas reservoirs. Journal of Petroleum Science and Engineering, 2018, 171, 1159-1170.	2.1	5
115	SR-POD: Sample rotation based on principal-axis orientation distribution for data augmentation in deep object detection. Cognitive Systems Research, 2018, 52, 144-154.	1.9	8
116	Class Imbalance Ensemble Learning Based on the Margin Theory. Applied Sciences (Switzerland), 2018, 8, 815.	1.3	108
117	Sparse Representation-Based Augmented Multinomial Logistic Extreme Learning Machine With Weighted Composite Features for Spectral–Spatial Classification of Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 6263-6279.	2.7	32
118	Local-Global Extraction Unit for Person Re-identification. Lecture Notes in Computer Science, 2018, , 402-411.	1.0	2
119	Convolutional neural network extreme learning machine for effective classification of hyperspectral images. Journal of Applied Remote Sensing, 2018, 12, 1.	0.6	9
120	AFSnet: Fixation Prediction in Movie Scenes with Auxiliary Facial Saliency. Lecture Notes in Computer Science, 2018, , 260-270.	1.0	0
121	DAU-GAN: Unsupervised Object Transfiguration via Deep Attention Unit. Lecture Notes in Computer Science, 2018, , 120-129.	1.0	1
122	Texture Profiles and Composite Kernel Frame for Hyperspectral Image Classification. Lecture Notes in Computer Science, 2018, , 325-333.	1.0	0
123	Making Industrial Robots Smarter with Adaptive Reasoning and Autonomous Thinking for Real-Time Tasks in Dynamic Environments: A Case Study. Lecture Notes in Computer Science, 2018, , 790-800.	1.0	1
124	Stratified spectral mixture analysis of medium resolution imagery for impervious surface mapping. International Journal of Applied Earth Observation and Geoinformation, 2017, 60, 38-48.	1.4	22
125	Effective Denoising and Classification of Hyperspectral Images Using Curvelet Transform and Singular Spectrum Analysis. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 119-133.	2.7	102
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127	Combined Deep Learning and Multiscale Segmentation for Rapid High Resolution Damage Mapping. , 2017, , .		6
128	A practical algorithm for the retrieval of floe size distribution of Arctic sea ice from high-resolution satellite Synthetic Aperture Radar imagery. Elementa, 2017, 5, .	1.1	20
129	Winter-to-summer transition of Arctic sea ice breakup and floe size distribution in the Beaufort Sea. Elementa, 2017, 5, .	1.1	33
130	Gravitation-Based Edge Detection in Hyperspectral Images. Remote Sensing, 2017, 9, 592.	1.8	23
131	Linear vs. Nonlinear Extreme Learning Machine for Spectral-Spatial Classification of Hyperspectral Images. Sensors, 2017, 17, 2603.	2.1	19
132	Hyperspectral Image Enhancement and Mixture Deep-Learning Classification of Corneal Epithelium Injuries. Sensors, 2017, 17, 2644.	2.1	41
133	Dynamic Post-Earthquake Image Segmentation with an Adaptive Spectral-Spatial Descriptor. Remote Sensing, 2017, 9, 899.	1.8	9
134	Evaluating Urban Land Carrying Capacity Based on the Ecological Sensitivity Analysis: A Case Study in Hangzhou, China. Remote Sensing, 2017, 9, 529.	1.8	59
135	Extreme Sparse Multinomial Logistic Regression: A Fast and Robust Framework for Hyperspectral Image Classification. Remote Sensing, 2017, 9, 1255.	1.8	28
136	Spatial and spectral analysis of corneal epithelium injury using hyperspectral images. , 2017, , .		0
137	Sub-pixel motion estimation using phase correlation: comparisons and evaluations. International Journal of Intelligent Computing and Cybernetics, 2016, 9, 394-405.	1.6	3
138	Adaptive fusion of color and spatial features for noise-robust retrieval of colored logo and trademark images. Multidimensional Systems and Signal Processing, 2016, 27, 945-968.	1.7	17
139	Singular Spectrum Analysis: A Note on Data Processing for Fourier Transform Hyperspectral Imagers. Applied Spectroscopy, 2016, 70, 1582-1588.	1.2	4
140	Fusion of block and keypoints based approaches for effective copy-move image forgery detection. Multidimensional Systems and Signal Processing, 2016, 27, 989-1005.	1.7	72
141	Feature Pooling Using Spatio-Temporal Constrain for Video Summarization and Retrieval. Lecture Notes in Electrical Engineering, 2016, , 381-387.	0.3	0
142	Special issue on multimodal data fusion for multidimensional signal processing. Multidimensional Systems and Signal Processing, 2016, 27, 801-805.	1.7	4
143	Hierarchical Visual Perception and Two-Dimensional Compressive Sensing for Effective Content-Based Color Image Retrieval. Cognitive Computation, 2016, 8, 877-889.	3.6	27
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146	Combining Morphological Attribute Profiles via an Ensemble Method for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2016, , 1-5.	1.4	24
147	Novel segmented stacked autoencoder for effective dimensionality reduction and feature extraction in hyperspectral imaging. Neurocomputing, 2016, 185, 1-10.	3.5	308
148	Hierarchical and multi-featured fusion for effective gait recognition under variable scenarios. Pattern Analysis and Applications, 2016, 19, 905-917.	3.1	15
149	Fusion of Thermal and Visible Imagery for Effective Detection and Tracking of Salient Objects in Videos. Lecture Notes in Computer Science, 2016, , 697-704.	1.0	3
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152	Visible hyperspectral imaging for lamb quality prediction. TM Technisches Messen, 2015, 82, 643-652.	0.3	3
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154	A Novel Framework for Object-Based Coding and Compression of Hyperspectral Imagery. Chinese Journal of Electronics, 2015, 24, 300-305.	0.7	2
155	Combining MLC and SVM Classifiers for Learning Based Decision Making: Analysis and Evaluations. Computational Intelligence and Neuroscience, 2015, 2015, 1-8.	1.1	17
156	Effective and Efficient Midlevel Visual Elements-Oriented Land-Use Classification Using VHR Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4238-4249.	2.7	265
157	Automatic Animal Detection from Kinect Sensed Images for Livestock Monitoring and Assessment. , 2015, , .		23
158	Segmentation of multispectral images and prediction of CHI-A concentration for effective ocean colour remote sensing. , 2015, , .		1
159	Brushstroke based sparse hybrid convolutional neural networks for author classification of Chinese ink-wash paintings. , 2015, , .		15
160	Multiple Depth Maps Integration for 3D Reconstruction Using Geodesic Graph Cuts. International Journal of Software Engineering and Knowledge Engineering, 2015, 25, 473-492.	0.6	4
161	Exposing image forgery by detecting traces of feather operation. Journal of Visual Languages and Computing, 2015, 27, 9-18.	1.8	2
162	Singular spectrum analysis for improving hyperspectral imaging based beef eating quality evaluation. Computers and Electronics in Agriculture, 2015, 115, 21-25.	3.7	34

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164	Classification of Hyperspectral Images by Exploiting Spectralâ€"Spatial Information of Superpixel via Multiple Kernels. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 6663-6674.	2.7	326
165	Novel Two-Dimensional Singular Spectrum Analysis for Effective Feature Extraction and Data Classification in Hyperspectral Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4418-4433.	2.7	132
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167	Quantitative Prediction of Beef Quality Using Visible and NIR Spectroscopy with Large Data Samples Under Industry Conditions. Journal of Applied Spectroscopy, 2015, 82, 137-144.	0.3	45
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