Peijun Du

List of Publications by Year
in descending order

206 papers	7,088 citations	57631 44 h-index	66788 78 g-index
208 all docs	208 docs citations	208 times ranked	6373 citing authors

#	Article	IF	Citations
1	A review of supervised object-based land-cover image classification. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 130, 277-293.	4.9	620
2	Random Forest and Rotation Forest for fully polarized SAR image classification using polarimetric and spatial features. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 105, 38-53.	4.9	357
3	Novel segmented stacked autoencoder for effective dimensionality reduction and feature extraction in hyperspectral imaging. Neurocomputing, 2016, 185, 1-10.	3.5	308
4	Integrating Multilayer Features of Convolutional Neural Networks for Remote Sensing Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5653-5665.	2.7	250
5	Multiple Classifier System for Remote Sensing Image Classification: A Review. Sensors, 2012, 12, 4764-4792.	2.1	246
6	${{\m E}^{2}}{\m LMs}$: Ensemble Extreme Learning Machines for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 1060-1069.	2.3	190
7	Hyperspectral Remote Sensing Image Classification Based on Rotation Forest. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 239-243.	1.4	183
8	Information fusion techniques for change detection from multi-temporal remote sensing images. Information Fusion, 2013, 14, 19-27.	11.7	173
9	Optimized Hyperspectral Band Selection Using Particle Swarm Optimization. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 2659-2670.	2.3	154
10	Random Subspace Ensembles for Hyperspectral Image Classification With Extended Morphological Attribute Profiles. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4768-4786.	2.7	130
11	Sequential Spectral Change Vector Analysis for Iteratively Discovering and Detecting Multiple Changes in Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4363-4378.	2.7	123
12	Spectral–Spatial Classification for Hyperspectral Data Using Rotation Forests With Local Feature Extraction and Markov Random Fields. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 2532-2546.	2.7	119
13	Fusion of Difference Images for Change Detection Over Urban Areas. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 1076-1086.	2.3	118
14	Estimation of the spatial distribution of heavy metal in agricultural soils using airborne hyperspectral imaging and random forest. Journal of Hazardous Materials, 2020, 382, 120987.	6.5	113
15	Hierarchical Unsupervised Change Detection in Multitemporal Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 244-260.	2.7	109
16	Spatiotemporal Pattern of PM2.5 Concentrations in Mainland China and Analysis of Its Influencing Factors using Geographically Weighted Regression. Scientific Reports, 2017, 7, 40607.	1.6	107
17	Caps-TripleGAN: GAN-Assisted CapsNet for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7232-7245.	2.7	106
18	Estimating the distribution trend of soil heavy metals in mining area from HyMap airborne hyperspectral imagery based on ensemble learning. Journal of Hazardous Materials, 2021, 401, 123288.	6.5	93

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19	Hyperspectral Image Classification With Rotation Random Forest Via KPCA. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1601-1609.	2.3	93
20	Ensemble Learning for Hyperspectral Image Classification Using Tangent Collaborative Representation. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3778-3790.	2.7	92
21	Rotation-Based Support Vector Machine Ensemble in Classification of Hyperspectral Data With Limited Training Samples. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 1519-1531.	2.7	87
22	A global record of annual terrestrial Human Footprint dataset from 2000 to 2018. Scientific Data, 2022, 9, 176.	2.4	87
23	Adaptive affinity propagation with spectral angle mapper for semi-supervised hyperspectral band selection. Applied Optics, 2012, 51, 2656.	0.9	85
24	Object-Based Change Detection in Urban Areas from High Spatial Resolution Images Based on Multiple Features and Ensemble Learning. Remote Sensing, 2018, 10, 276.	1.8	82
25	Advances of Four Machine Learning Methods for Spatial Data Handling: a Review. Journal of Geovisualization and Spatial Analysis, 2020, 4, 1.	2.1	82
26	Identification of typical diurnal patterns for clear-sky climatology of surface urban heat islands. Remote Sensing of Environment, 2018, 217, 203-220.	4.6	80
27	A novel semi-supervised hyperspectral image classification approach based on spatial neighborhood information and classifier combination. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 105, 19-29.	4.9	79
28	Hyperspectral Image Classification Using Band Selection and Morphological Profiles. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 40-48.	2.3	71
29	Performance Evaluation of Downscaling Sentinel-2 Imagery for Land Use and Land Cover Classification by Spectral-Spatial Features. Remote Sensing, 2017, 9, 1274.	1.8	67
30	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.	2.3	64
31	Multifeature Dictionary Learning for Collaborative Representation Classification of Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2467-2484.	2.7	64
32	(Semi-) Supervised Probabilistic Principal Component Analysis for Hyperspectral Remote Sensing Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 2224-2236.	2.3	63
33	Phenology-Driven Land Cover Classification and Trend Analysis Based on Long-term Remote Sensing Image Series. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 1142-1156.	2.3	60
34	Improved hyperspectral image classification by active learning using pre-designed mixed pixels. Pattern Recognition, 2016, 51, 43-58.	5.1	59
35	An efficient semi-supervised classification approach for hyperspectral imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 97, 36-45.	4.9	56
36	Harmonic Analysis for Hyperspectral Image Classification Integrated With PSO Optimized SVM. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 2131-2146.	2.3	55

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37	Attention-Based Second-Order Pooling Network for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9600-9615.	2.7	55
38	Polarimetric SAR image classification by Boosted Multiple-Kernel Extreme Learning Machines with polarimetric and spatial features. International Journal of Remote Sensing, 2014, 35, 7978-7990.	1.3	53
39	Spectral–Spatial Classification of Hyperspectral Data via Morphological Component Analysis-Based Image Separation. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 70-84.	2.7	53
40	Wavelet SVM in Reproducing Kernel Hilbert Space for hyperspectral remote sensing image classification. Optics Communications, 2010, 283, 4978-4984.	1.0	52
41	Simultaneous Sparse Graph Embedding for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 6114-6133.	2.7	52
42	Evaluation of the spatio-temporal pattern of urban ecological security using remote sensing and GIS. International Journal of Remote Sensing, 2013, 34, 848-863.	1.3	49
43	Kernel Collaborative Representation With Local Correlation Features for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1230-1241.	2.7	49
44	Learning Discriminative Sparse Representations for Hyperspectral Image Classification. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 1089-1104.	7.3	47
45	A novel binary tree support vector machine for hyperspectral remote sensing image classification. Optics Communications, 2012, 285, 3054-3060.	1.0	44
46	Hyperspectral Image Visualization Using Band Selection. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 2647-2658.	2.3	44
47	Feature and Model Level Fusion of Pretrained CNN for Remote Sensing Scene Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 2600-2611.	2.3	40
48	Remote Sensing Image Interpretation for Urban Environment Analysis: Methods, System and Examples. Remote Sensing, 2014, 6, 9458-9474.	1.8	39
49	Improving Random Forest With Ensemble of Features and Semisupervised Feature Extraction. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1471-1475.	1.4	39
50	Image registration based on corner detection and affine transformation. , 2010, , .		37
51	Assessing the Spatiotemporal Variation and Impact Factors of Net Primary Productivity in China. Scientific Reports, 2017, 7, 44415.	1.6	34
52	CVA^{2}E: A Conditional Variational Autoencoder With an Adversarial Training Process for Hyperspectral Imagery Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5676-5692.	2.7	34
53	Monitoring urban land cover and vegetation change by multi-temporal remote sensing information. Mining Science and Technology, 2010, 20, 922-932.	0.3	33
54	Sparse Graph Regularization for Hyperspectral Remote Sensing Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2351-2366.	2.7	33

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55	Change detection-based co-seismic landslide mapping through extended morphological profiles and ensemble strategy. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 187, 225-239.	4.9	32
56	A Feature-Metric-Based Affinity Propagation Technique for Feature Selection in Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 1152-1156.	1.4	31
57	Mid-Level Feature Representation via Sparse Autoencoder for Remotely Sensed Scene Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1068-1081.	2.3	31
58	Active extreme learning machines for quad-polarimetric SAR imagery classification. International Journal of Applied Earth Observation and Geoinformation, 2015, 35, 305-319.	1.4	30
59	Multiple Feature Kernel Sparse Representation Classifier for Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 5343-5356.	2.7	30
60	Foreword to the special issue on hyperspectral remote sensing: Theory, methods, and applications. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 459-465.	2.3	29
61	Land surface temperature retrieval from Landsat 8 data and validation with geosensor network. Frontiers of Earth Science, 2017, 11, 20-34.	0.9	29
62	Multisource Earth Observation Data for Land-Cover Classification Using Random Forest. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 789-793.	1.4	28
63	S3Net: Spectral–Spatial Siamese Network for Few-Shot Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-19.	2.7	28
64	Sub-pixel change detection for urban land-cover analysis via multi-temporal remote sensing images. Geo-Spatial Information Science, 2014, 17, 26-38.	2.4	26
65	Estimation of Arsenic Contamination in Reclaimed Agricultural Soils Using Reflectance Spectroscopy and ANFIS Model. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 2540-2546.	2.3	26
66	Ensemble Learning with Multiple Classifiers and Polarimetric Features for Polarized SAR Image Classification. Photogrammetric Engineering and Remote Sensing, 2014, 80, 239-251.	0.3	26
67	A Hybrid Attention-Aware Fusion Network (HAFNet) for Building Extraction from High-Resolution Imagery and LiDAR Data. Remote Sensing, 2020, 12, 3764.	1.8	26
68	Monitoring Land Cover Change and Disturbance of the Mount Wutai World Cultural Landscape Heritage Protected Area, Based on Remote Sensing Time-Series Images from 1987 to 2018. Remote Sensing, 2019, 11, 1332.	1.8	25
69	Combining Morphological Attribute Profiles via an Ensemble Method for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2016, , 1-5.	1.4	24
70	Kernel Fused Representation-Based Classifier for Hyperspectral Imagery. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 684-688.	1.4	23
71	GPU-Accelerated CatBoost-Forest for Hyperspectral Image Classification Via Parallelized mRMR Ensemble Subspace Feature Selection. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 3200-3214.	2.3	23
72	CatBoost for RS Image Classification With Pseudo Label Support From Neighbor Patches-Based Clustering. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	23

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73	Dynamic classifier selection using spectral-spatial information for hyperspectral image classification. Journal of Applied Remote Sensing, 2014, 8, 085095.	0.6	22
74	An automatic approach for urban land-cover classification from Landsat-8 OLI data. International Journal of Remote Sensing, 2015, 36, 5983-6007.	1.3	22
75	Hyperspectral and LiDAR Classification With Semisupervised Graph Fusion. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 666-670.	1.4	22
76	A Unified Multiscale Learning Framework for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-19.	2.7	21
77	Class-Separation-Based Rotation Forest for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 584-588.	1.4	20
78	Sparse graph regularization for robust crop mapping using hyperspectral remotely sensed imagery with very few in situ data. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 124, 1-15.	4.9	20
79	Mapping Urban Land Cover of a Large Area Using Multiple Sensors Multiple Features. Remote Sensing, 2018, 10, 872.	1.8	20
80	Spatial-temporal variations of natural suitability of human settlement environment in the Three Gorges Reservoir Area—A case study in Fengjie County, China. Frontiers of Earth Science, 2019, 13, 1-17.	0.9	20
81	Channel Attention-Based Temporal Convolutional Network for Satellite Image Time Series Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	20
82	Foreword to the Special Issue on "Human Settlements: A Global Remote Sensing Challenge". IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2011, 4, 5-7.	2.3	18
83	A Novel Tri-Training Technique for Semi-Supervised Classification of Hyperspectral Images Based on Diversity Measurement. Remote Sensing, 2016, 8, 749.	1.8	18
84	Multikernel Adaptive Collaborative Representation for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4664-4677.	2.7	18
85	Spectral–Spatial Rotation Forest for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 4605-4613.	2.3	17
86	Rotation-Based Ensemble Classifiers for High-Dimensional Data. , 2014, , 135-160.		17
87	Change Detection in Multitemporal Hyperspectral Images. Remote Sensing and Digital Image Processing, 2016, , 63-88.	0.7	16
88	Combining Rotation Forest and Multiscale Segmentation for the Classification of Hyperspectral Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 4060-4072.	2.3	16
89	Using remote sensing to detect the polarized sunglint reflected from oil slicks beyond the critical angle. Journal of Geophysical Research: Oceans, 2017, 122, 6342-6354.	1.0	16
90	Hyperspectral image classification based on volumetric texture and dimensionality reduction. Frontiers of Earth Science, 2015, 9, 225-236.	0.9	15

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91	Assessing the impact of urbanization on net primary productivity using multi-scale remote sensing data: a case study of Xuzhou, China. Frontiers of Earth Science, 2015, 9, 319-329.	0.9	15
92	Discriminative Sparse Representation for Hyperspectral Image Classification: A Semi-Supervised Perspective. Remote Sensing, 2017, 9, 386.	1.8	15
93	Class-Oriented Weighted Kernel Sparse Representation With Region-Level Kernel for Hyperspectral Imagery Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 1118-1130.	2.3	15
94	Automatic Updating of Land Cover Maps in Rapidly Urbanizing Regions by Relational Knowledge Transferring from GlobeLand30. Remote Sensing, 2019, 11, 1397.	1.8	15
95	An Improved Approach for Soil Moisture Estimation in Gully Fields of the Loess Plateau Using Sentinel-1A Radar Images. Remote Sensing, 2019, 11, 349.	1.8	15
96	Integration of Hyperspectral Imagery and Sparse Sonar Data for Shallow Water Bathymetry Mapping. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 3235-3249.	2.7	14
97	Spectral Indices for Estimating Exposed Carbonate Rock Fraction in Karst Areas of Southwest China. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1988-1992.	1.4	14
98	Kernel Supervised Ensemble Classifier for the Classification of Hyperspectral Data Using Few Labeled Samples. Remote Sensing, 2016, 8, 601.	1.8	14
99	Dissimilarity-Weighted Sparse Representation for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1968-1972.	1.4	14
100	An Improved Feature Set for Hyperspectral Image Classification: Harmonic Analysis Optimized by Multiscale Guided Filter. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3903-3916.	2.3	14
101	Vicarious Calibration for the AHSI Instrument of Gaofen-5 With Reference to the CRCS Dunhuang Test Site. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 3409-3419.	2.7	14
102	Unsupervised hierarchical spectral analysis for change detection in hyperspectral images. , 2012, , .		13
103	Identifying the spectral responses of several plant species under CO_2 leakage and waterlogging stresses. International Journal of Greenhouse Gas Control, 2015, 37, 1-11.	2.3	13
104	Jointly Informative and Manifold Structure Representative Sampling Based Active Learning for Remote Sensing Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 6803-6817.	2.7	13
105	Fusion and classification of Beijing-1 small satellite remote sensing image for land cover monitoring in mining area. Chinese Geographical Science, 2011, 21, 656-665.	1.2	12
106	Integration of LiDAR Data and Orthophoto for Automatic Extraction of Parking Lot Structure. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 503-514.	2.3	12
107	Multiple Classifier Ensembles with Band Clustering for Hyperspectral Image Classification. European Journal of Remote Sensing, 2014, 47, 217-227.	1.7	12
108	An Adaptive Weighting Algorithm for Interpolating the Soil Potassium Content. Scientific Reports, 2016, 6, 23889.	1.6	12

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109	Convex Formulation for Multiband Image Classification With Superpixel-Based Spatial Regularization. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2704-2721.	2.7	12
110	Predicting soil heavy metal based on Random Forest model. , 2016, , .		11
111	Human settlement analysis based on multi-temporal remote sensing data: A case study of Xuzhou City, China. Chinese Geographical Science, 2016, 26, 389-400.	1.2	11
112	Investigating Sprawl Along China's Urban Fringe from a Spatio-Temporal Perspective. Applied Spatial Analysis and Policy, 2016, 9, 233-250.	1.0	11
113	Study on content-based remote sensing image retrieval. , 0, , .		10
114	Identification of plants responding to CO 2 leakage stress using band depth and the full width at half maxima of canopy spectra. Energy, 2016, 100, 73-81.	4.5	10
115	Spatial estimates of surface deformation and topsoil moisture in operating CO2-EOR project: Pilot environmental monitoring using SAR technique. Journal of Cleaner Production, 2019, 236, 117606.	4.6	10
116	Direct, ECOC, ND and END Frameworks—Which One Is the Best? An Empirical Study of Sentinel-2A MSIL1C Image Classification for Arid-Land Vegetation Mapping in the Ili River Delta, Kazakhstan. Remote Sensing, 2019, 11, 1953.	1.8	10
117	A Novel Sample Selection Method for Impervious Surface Area Mapping Using JL1-3B Nighttime Light and Sentinel-2 Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3931-3941.	2.3	10
118	Unsupervised Change Detection Based on Weighted Change Vector Analysis and Improved Markov Random Field for High Spatial Resolution Imagery. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	10
119	Multiple Classifier Combination for Hyperspectral Remote Sensing Image Classification. Lecture Notes in Computer Science, 2009, , 52-61.	1.0	10
120	Hyperspectral remote sensing image classification based on the integration of support vector machine and random forest. , 2012, , .		9
121	Framework for Evaluating Visual and Geometric Quality of Three-Dimensional Models. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 1281-1294.	2.3	9
122	Improved Bilinear CNN Model for Remote Sensing Scene Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	9
123	Target-driven change detection based on data transformation and similarity measures. , 2012, , .		8
124	Modified multiple endmember spectral mixture analysis for mapping impervious surfaces in urban environments. Journal of Applied Remote Sensing, 2014, 8, 085096.	0.6	8
125	Ensemble Learning for Spatial Interpolation of Soil Potassium Content Based on Environmental Information. PLoS ONE, 2015, 10, e0124383.	1.1	8
126	Class-Oriented Spectral Partitioning for Remotely Sensed Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 691-711.	2.3	8

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127	Change Detection Based on Low-Level to High-Level Features Integration With Limited Samples. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 6260-6276.	2.3	8
128	Attention-Aware Dynamic Self-Aggregation Network for Satellite Image Time Series Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	8
129	Integrating EfficientNet into an HAFNet Structure for Building Mapping in High-Resolution Optical Earth Observation Data. Remote Sensing, 2021, 13, 4361.	1.8	8
130	A novel unsupervised binary change detection method for VHR optical remote sensing imagery over urban areas. International Journal of Applied Earth Observation and Geoinformation, 2022, 108, 102749.	1.4	8
131	Semi-supervised graph fusion of hyperspectral and lidar data for classification. , 2015, , .		7
132	A novel semisupervised framework for multiple change detection in hyperspectral images. , 2017, , .		7
133	Data fusion in data scarce areas using a back-propagation artificial neural network model: a case study of the South China Sea. Frontiers of Earth Science, 2018, 12, 280-298.	0.9	7
134	Coupled Higher-Order Tensor Factorization for Hyperspectral and LiDAR Data Fusion and Classification. Remote Sensing, 2019, 11, 1959.	1.8	7
135	Monitoring Human-Induced Surface Water Disturbance Around Taihu Lake Since 1984 by Time Series Landsat Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3780-3789.	2.3	7
136	Target Identification from High Resolution Remote Sensing Image by Combining Multiple Classifiers. Lecture Notes in Computer Science, 2009, , 408-417.	1.0	7
137	Mapping Blue and Red Color-Coated Steel Sheet Roof Buildings over China Using Sentinel-2A/B MSIL2A Images. Remote Sensing, 2022, 14, 230.	1.8	7
138	Simultaneous estimation of surface soil moisture and soil properties with a dual ensemble Kalman smoother. Science China Earth Sciences, 2015, 58, 2327-2339.	2.3	6
139	Technical Framework of Feature Extraction Based on Pixel-Level SAR Image Time Series. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 1665-1681.	2.3	6
140	Monitoring urban impervious surface area change using China-Brazil Earth Resources Satellites and HJ-1 remote sensing images. Journal of Applied Remote Sensing, 2015, 9, 096094.	0.6	6
141	Radiometric Cross-Calibration of the ZY1-02D Hyperspectral Imager Using the GF-5 AHSI Imager. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	2.7	6
142	Land Use/Cover Change in Mining Areas Using Multi-source Remotely Sensed Imagery. , 2007, , .		5
143	Classification of hyperspectral image based on morphological profiles and multi-kernel SVM. , 2010, , .		5
144	Semi-supervised dimensionality reduction for hyperspectral remote sensing image classification. , 2012, , .		5

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145	Hyperspectral imagery visualization using band selection. , 2012, , .		5
146	A Novel Remote Sensing Image Classification Scheme Based on Data Fusion, Multiple Features and Ensemble Learning. Journal of the Indian Society of Remote Sensing, 2013, 41, 213-222.	1.2	5
147	Spectral features recognition based on data mining algorithms. , 2007, , .		4
148	Hyperspectral remote sensing image classification based on decision level fusion. , 2009, , .		4
149	3D building reconstruction from lidar data based on Delaunay TIN approach. Proceedings of SPIE, 2011, , .	0.8	4
150	Quantitative Estimation of Carbonate Rock Fraction in Karst Regions Using Field Spectra in 2.0â€"2.5 Î¼m. Remote Sensing, 2016, 8, 68.	1.8	4
151	Hierarchical Filtering Strategy for Registration of Remote Sensing Images of Coral Reefs. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3304-3313.	2.3	4
152	Multiple composite kernel learning for hyperspectral image classification. , 2017, , .		4
153	First and Second-Order Information Fusion Networks for Remote Sensing Scene Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	4
154	ANN Classification of OMIS Hyperspectral Remotely Sensed Imagery: Experiments and Analysis. , 2008, , .		3
155	Fusion of difference images for change detection in urban areas. , 2011, , .		3
156	MRF-Based Multiple Classifier System for Hyperspectral Remote Sensing Image Classification. Lecture Notes in Computer Science, 2013, , 343-351.	1.0	3
157	Foreword to the Special Issue on Pattern Recognition in Remote Sensing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4615-4619.	2.3	3
158	Multitemporal spectral unmixing for change detection in hyperspectral images. , 2015, , .		3
159	Spectral-spatial Rotation Forest for hyperspectral image classification. , 2016, , .		3
160	Assessment of the ecological carrying capacity based on high resolution data: A case study of Yuxian, China. , 2016, , .		3
161	Sparse graph regularization for robust crop mapping using hyperspectral remotely sensed imagery: A case study in Heihe, Zhangye oasis. , 2016, , .		3
162	Change Detection based on Stacked Generalization System with Segmentation Constraint. Photogrammetric Engineering and Remote Sensing, 2018, 84, 733-741.	0.3	3

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163	Consistency Measure of Multiple Classifiers for Land Cover Classification by Remote Sensing Image. Lecture Notes in Computer Science, 2009, , 398-407.	1.0	3
164	Comparison of Vegetation Index from ASTER, CBERS and Landsat ETM+. , 2007, , .		2
165	Web Service Discovery Based on the Cooperation of UDDI and DF. , 2008, , .		2
166	Research of a synchronized cooperative GIS system based on message. , 2009, , .		2
167	Monitoring urban impervious surface area change using CBERS and HJ-1 remote sensing images. , 2011, , .		2
168	A novel hierarchical method for change detection in multitemporal hyperspectral images. , 2013, , .		2
169	A novel sequential spectral change vector analysis for representing and detecting multiple changes in hyperspectral images. , 2014, , .		2
170	Errata Erratum to â€œUnsupervised Change Detection Based on Weighted Change Vector Analysis and Improved Markov Random Field for High Spatial Resolution Imageryâ€• IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-1.	1.4	2
171	Error analysis and improvements of spectral angle mapper (SAM) model. , 2005, 6043, 145.		1
172	On the filtering of hyperspectral remote sensing image. , 2005, 6044, 347.		1
173	A novel spectral similarity measure approach based on set operations and spectral polygon. , 0, , .		1
174	On the framework, algorithms and applications of hyperspectral remote sensing data mining. , 0, , .		1
175	Analysis to Urban Landscape Pattern Change Based on Multi-Temporal CBERS Imagery. , 2007, , .		1
176	A semisupervised feature metric based band selection method for hyperspectral image classification. , 2012, , .		1
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