Wenzhong Shi

List of Publications by Year
in descending order

275 papers	8,705 citations	53794 45 h-index	62596 80 g-index
279 all docs	279 docs citations	279 times ranked	7570 citing authors

#	ARTICLE	IF	CITATIONS
1	Short-Term Forecast of Bicycle Usage in Bike Sharing Systems: A Spatial-Temporal Memory Network. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 10923-10934.	8.0	15
2	A tight coupling mapping method to integrate the ESKF, g2o, and point cloud alignment. Journal of Supercomputing, 2022, 78, 1903-1922.	3.6	2
3	Asymmetric Weighted Logistic Metric Learning for Hyperspectral Target Detection. IEEE Transactions on Cybernetics, 2022, 52, 11093-11106.	9.5	25
4	A reliable and adaptive spatiotemporal data fusion method for blending multi-spatiotemporal-resolution satellite images. Remote Sensing of Environment, 2022, 268, 112770.	11.0	39
5	CGSANet: A Contour-Guided and Local Structure-Aware Encoder–Decoder Network for Accurate Building Extraction From Very High-Resolution Remote Sensing Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1526-1542.	4.9	13
6	Categorisation of cultural tourism attractions by tourist preference using location-based social network data: The case of Central, Hong Kong. Tourism Management, 2022, 90, 104488.	9.8	37
7	Precise 3D Indoor Localization and Trajectory Optimization Based on Sparse Wi-Fi FTM Anchors and Built-In Sensors. IEEE Transactions on Vehicular Technology, 2022, 71, 4042-4056.	6.3	22
8	Novel model for predicting individuals' movements in dynamic regions of interest. GIScience and Remote Sensing, 2022, 59, 250-271.	5.9	3
9	Landslide Trail Extraction Using Fire Extinguishing Model. Remote Sensing, 2022, 14, 308.	4.0	2
10	Tracking and controlling the spatiotemporal spread of SARS-CoV-2 Omicron variant in South Africa. Travel Medicine and Infectious Disease, 2022, 46, 102252.	3.0	29
11	Reference-free method for investigating classification uncertainty in large-scale land cover datasets. International Journal of Applied Earth Observation and Geoinformation, 2022, 107, 102673.	2.8	2
12	The fine-scale associations between socioeconomic status, density, functionality, and spread of COVID-19 within a high-density city. BMC Infectious Diseases, 2022, 22, 274.	2.9	12
13	Extracting Human Activity Areas from Large-Scale Spatial Data with Varying Densities. ISPRS International Journal of Geo-Information, 2022, 11, 397.	2.9	0
14	RegNet: a neural network model for predicting regional desirability with VGI data. International Journal of Geographical Information Science, 2021, 35, 175-192.	4.8	14
15	An adaptive approach for modelling the movement uncertainty in trajectory data based on the concept of error ellipses. International Journal of Geographical Information Science, 2021, 35, 1131-1154.	4.8	5
16	Analysis of the performance and robustness of methods to detect base locations of individuals with geo-tagged social media data. International Journal of Geographical Information Science, 2021, 35, 609-627.	4.8	13
17	A Two-Phase Clustering Approach for Urban Hotspot Detection With Spatiotemporal and Network Constraints. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 3695-3705.	4.9	12
18	Road Extraction Using a Dual Attention Dilated-LinkNet Based on Satellite Images and Floating Vehicle Trajectory Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 10428-10438.	4.9	11

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19	An object-based spatiotemporal fusion model for remote sensing images. European Journal of Remote Sensing, 2021, 54, 86-101.	3.5	16
20	Subpixel Change Detection Based on Radial Basis Function with Abundance Image Difference Measure for Remote Sensing Images. Remote Sensing, 2021, 13, 868.	4.0	3
21	A Spatial-Temporal Interpretable Deep Learning Model for improving interpretability and predictive accuracy of satellite-based PM2.5. Environmental Pollution, 2021, 273, 116459.	7.5	51
22	Examining the diffusion of coronavirus disease 2019 cases in a metropolis: a space syntax approach. International Journal of Health Geographics, 2021, 20, 17.	2.5	23
23	A Proposed Framework for Identification of Indicators to Model High-Frequency Cities. ISPRS International Journal of Geo-Information, 2021, 10, 317.	2.9	5
24	Landslide Recognition by Deep Convolutional Neural Network and Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4654-4672.	6.3	68
25	Superior PM2.5 Estimation by Integrating Aerosol Fine Mode Data from the Himawari-8 Satellite in Deep and Classical Machine Learning Models. Remote Sensing, 2021, 13, 2779.	4.0	19
26	Unsupervised Change Detection Using Fuzzy Topology-Based Majority Voting. Remote Sensing, 2021, 13, 3171.	4.0	15
27	A spatial and dynamic solution for allocation of COVID-19 vaccines when supply is limited. Communications Medicine, 2021, 1, .	4.2	11
28	Detecting home countries of social media users with machine-learned ranking approach: A case study in Hong Kong. Applied Geography, 2021, 134, 102532.	3.7	4
29	Deep Multiple Instance Learning for Landslide Mapping. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1711-1715.	3.1	12
30	Tree-based ensemble deep learning model for spatiotemporal surface ozone (O3) prediction and interpretation. International Journal of Applied Earth Observation and Geoinformation, 2021, 103, 102516.	2.8	3
31	An extended Weight Kernel Density Estimation model forecasts COVID-19 onset risk and identifies spatiotemporal variations of lockdown effects in China. Communications Biology, 2021, 4, 126.	4.4	21
32	Tracking and Controlling the Spatiotemporal Spread of SARSâ€ĐoVâ€2 Lineage B.1.1.7 in COVIDâ€19 Reopenings. GeoHealth, 2021, 5, e2021GH000517.	4.0	7
33	Novel Framework for 3D Road Extraction Based on Airborne LiDAR and High-Resolution Remote Sensing Imagery. Remote Sensing, 2021, 13, 4766.	4.0	8
34	An empirical study on the intra-urban goods movement patterns using logistics big data. International Journal of Geographical Information Science, 2020, 34, 1089-1116.	4.8	32
35	Mining significant fuzzy association rules with differential evolution algorithm. Applied Soft Computing Journal, 2020, 97, 105518.	7.2	12
36	Unveiling cabdriversâ€™ dining behavior patterns for site selection of â€˜taxi canteenâ€™ using taxi trajectory data. Transportmetrica A: Transport Science, 2020, 16, 137-160.	2.0	14

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37	Evaluation and Comparison of Himawari-8 L2 V1.0, V2.1 and MODIS C6.1 aerosol products over Asia and the oceania regions. Atmospheric Environment, 2020, 220, 117068.	4.1	45
38	Information Loss-Guided Multi-Resolution Image Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 45-57.	6.3	10
39	An Advanced Superpixel-Based Markov Random Field Model for Unsupervised Change Detection. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1401-1405.	3.1	25
40	FSDAF 2.0: Improving the performance of retrieving land cover changes and preserving spatial details. Remote Sensing of Environment, 2020, 248, 111973.	11.0	65
41	An empirical analysis of public transit networks using smart card data in Beijing, China. Geocarto International, 2020, , 1-21.	3.5	6
42	Automatic Building Extraction via Adaptive Iterative Segmentation With LiDAR Data and High Spatial Resolution Imagery Fusion. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2081-2095.	4.9	17
43	Change Detection Based on Artificial Intelligence: State-of-the-Art and Challenges. Remote Sensing, 2020, 12, 1688.	4.0	285
44	Simplified and Fast Atmospheric Radiative Transfer model for satellite-based aerosol optical depth retrieval. Atmospheric Environment, 2020, 224, 117362.	4.1	17
45	A Feature Difference Convolutional Neural Network-Based Change Detection Method. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 7232-7246.	6.3	160
46	Customer attractiveness evaluation and classification of urban commercial centers by crowd intelligence. Computers in Human Behavior, 2019, 100, 218-230.	8.5	9
47	Monitoring of Land Use/Land Cover and Socioeconomic Changes in South China over the Last Three Decades Using Landsat and Nighttime Light Data. Remote Sensing, 2019, 11, 1658.	4.0	39
48	STLP-GSM: a method to predict future locations of individuals based on geotagged social media data. International Journal of Geographical Information Science, 2019, 33, 2337-2362.	4.8	12
49	Deriving a Forest Cover Map in Kyrgyzstan Using a Hybrid Fusion Strategy. Remote Sensing, 2019, 11, 2325.	4.0	5
50	Robust Multisource Remote Sensing Image Registration Method Based on Scene Shape Similarity. Photogrammetric Engineering and Remote Sensing, 2019, 85, 725-736.	0.6	5
51	An Accurate and Robust Region-Growing Algorithm for Plane Segmentation of TLS Point Clouds Using a Multiscale Tensor Voting Method. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 4160-4168.	4.9	20
52	Agriculture Phenology Monitoring Using NDVI Time Series Based on Remote Sensing Satellites: A Case Study of Guangdong, China. Optical Memory and Neural Networks (Information Optics), 2019, 28, 204-214.	1.0	19
53	Robust Mâ€"M unscented Kalman filtering for GPS/IMU navigation. Journal of Geodesy, 2019, 93, 1093-1104.	3.6	38
54	Recommending attractive thematic regions by semantic community detection with multi-sourced VGI data. International Journal of Geographical Information Science, 2019, 33, 1520-1544.	4.8	14

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55	Detecting the regional delineation from a network of social media user interactions with spatial constraint: A case study of Shenzhen, China. Physica A: Statistical Mechanics and Its Applications, 2019, 531, 121719.	2.6	14
56	Characteristics of atmospheric fungi in particle growth events along with new particle formation in the central North China Plain. Science of the Total Environment, 2019, 683, 389-398.	8.0	2
57	Use of colour transformation and the geodesic method for road centreline extraction from VHR satellite images. International Journal of Remote Sensing, 2019, 40, 4043-4058.	2.9	5
58	Examining the sensitivity of spatial scale in cellular automata Markov chain simulation of land use change. International Journal of Geographical Information Science, 2019, 33, 1040-1061.	4.8	95
59	Reference-Free Measurement of the Classification Reliability of Vector-Based Land Cover Mapping. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1090-1094.	3.1	5
60	Integration of Satellite Images and Open Data for Impervious Surface Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 1120-1133.	4.9	9
61	A novel change detection approach for VHR remote sensing images by integrating multi-scale features. International Journal of Remote Sensing, 2019, 40, 4910-4933.	2.9	8
62	A Novel Method for Plane Extraction from Low-Resolution Inhomogeneous Point Clouds and its Application to a Customized Low-Cost Mobile Mapping System. Remote Sensing, 2019, 11, 2789.	4.0	10
63	Uncertainty Assessment in Multitemporal Land Use/Cover Mapping with Classification System Semantic Heterogeneity. Remote Sensing, 2019, 11, 2509.	4.0	8
64	Land Cover Change Detection from High-Resolution Remote Sensing Imagery Using Multitemporal Deep Feature Collaborative Learning and a Semi-supervised Chanâ€“Vese Model. Remote Sensing, 2019, 11, 2787.	4.0	14
65	A spatio-temporal fusion method for remote sensing data Using a linear injection model and local neighbourhood information. International Journal of Remote Sensing, 2019, 40, 2965-2985.	2.9	17
66	An improved algorithm for retrieving the fine-mode fraction of aerosol optical thickness. Part 2: Application and validation in Asia. Remote Sensing of Environment, 2019, 222, 90-103.	11.0	19
67	Semantic Geometric Modelling of Unstructured Indoor Point Cloud. ISPRS International Journal of Geo-Information, 2019, 8, 9.	2.9	38
68	Uncertainty modelling and analysis of volume calculations based on a regular grid digital elevation model (DEM). Computers and Geosciences, 2018, 114, 117-129.	4.2	7
69	A minimum albedo aerosol retrieval method for the new-generation geostationary meteorological satellite Himawari-8. Atmospheric Research, 2018, 207, 14-27.	4.1	40
70	Landslide Inventory Mapping From Bitemporal High-Resolution Remote Sensing Images Using Change Detection and Multiscale Segmentation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 1520-1532.	4.9	87
71	Mining significant crisp-fuzzy spatial association rules. International Journal of Geographical Information Science, 2018, 32, 1247-1270.	4.8	10
72	An adaptive spatially constrained fuzzy c-means algorithm for multispectral remotely sensed imagery clustering. International Journal of Remote Sensing, 2018, 39, 2207-2237.	2.9	11

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73	Uncertainty modeling and analysis of surface area calculation based on a regular grid digital elevation model (DEM). International Journal of Geographical Information Science, 2018, 32, 1837-1859.	4.8	3
74	Enhancing spectral unmixing by considering the point spread function effect. Spatial Statistics, 2018, 28, 271-283.	1.9	8
75	A modified mean filter for improving the classification performance of very high-resolution remote-sensing imagery. International Journal of Remote Sensing, 2018, 39, 770-785.	2.9	21
76	Spatiotemporal influence of temperature, air quality, and urban environment on cause-specific mortality during hazy days. Environment International, 2018, 112, 10-22.	10.0	62
77	Extraction of multi-scale landslide morphological features based on local G i * using airborne LiDAR-derived DEM. Geomorphology, 2018, 303, 229-242.	2.6	21
78	A Random Forests classification method for urban land-use mapping integrating spatial metrics and texture analysis. International Journal of Remote Sensing, 2018, 39, 1175-1198.	2.9	46
79	Measuring the Spatial Relationship Information of Multi-Layered Vector Data. ISPRS International Journal of Geo-Information, 2018, 7, 88.	2.9	7
80	Towards an Automatic Urban Settlement Mapping from Multi-Tomporal InSAR Trained by Social Media. , 2018, , .		0
81	Towards Detecting Social Events by Mining Geographical Patterns with VGI Data. ISPRS International Journal of Geo-Information, 2018, 7, 481.	2.9	4
82	Modeling Complex Building Structure (LoD2) Using Image-Based Point Cloud. , 2018, , .		1
83	A Multi-Feature Fusion-Based Change Detection Method for Remote Sensing Images. Journal of the Indian Society of Remote Sensing, 2018, 46, 2015-2022.	2.4	9
84	Indicator-Kriging-Integrated Evidence Theory for Unsupervised Change Detection in Remotely Sensed Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4649-4663.	4.9	6
85	Adaptive superpixel based Markov random field model for unsupervised change detection using remotely sensed images. Remote Sensing Letters, 2018, 9, 724-732.	1.4	4
86	Enhanced Spatially Constrained Remotely Sensed Imagery Classification Using a Fuzzy Local Double Neighborhood Information C-Means Clustering Algorithm. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 2896-2910.	4.9	17
87	Remote Sensing Image Classification Based on Stacked Denoising Autoencoder. Remote Sensing, 2018, 10, 16.	4.0	58
88	Method Based on Edge Constraint and Fast Marching for Road Centerline Extraction from Very High-Resolution Remote Sensing Images. Remote Sensing, 2018, 10, 900.	4.0	21
89	A Computational Model of Watermark Algorithmic Robustness Capable of Resisting Image Cropping for Remote Sensing Images. Sensors, 2018, 18, 2096.	3.8	3
90	A quantitative investigation of the uncertainty associated with mapping scale in the production of land-cover/land-use data. International Journal of Remote Sensing, 2018, 39, 8798-8817.	2.9	1

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91	Correlational inference-based adaptive unscented Kalman filter with application in GNSS/IMU-integrated navigation. GPS Solutions, 2018, 22, 1.	4.3	30
92	Challenges and Prospects of Uncertainties in Spatial Big Data Analytics. Annals of the American Association of Geographers, 2018, 108, 1513-1520.	2.2	13
93	Accuracy Assessment Measures for Object Extraction from Remote Sensing Images. Remote Sensing, 2018, 10, 303.	4.0	43
94	Estimation and analysis of emissions from on-road vehicles in Mainland China for the period 2011â€"2015. Atmospheric Environment, 2018, 191, 500-512.	4.1	32
95	Approximate Area-to-Point Regression Kriging for Fast Hyperspectral Image Sharpening. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 286-295.	4.9	8
96	Bioactive diarylheptanoids and stilbenes from the rhizomes of Dioscorea septemloba Thunb. FÃ¬toterapÃ¬Ã¢, 2017, 117, 28-33.	2.2	10
97	An improved algorithm for retrieving the fine-mode fraction of aerosol optical thickness, part 1: Algorithm development. Remote Sensing of Environment, 2017, 192, 87-97.	11.0	28
98	Exploring traffic congestion correlation from multiple data sources. Pervasive and Mobile Computing, 2017, 41, 470-483.	3.3	35
99	Level set evolution with local uncertainty constraints for unsupervised change detection. Remote Sensing Letters, 2017, 8, 811-820.	1.4	21
100	Level set incorporated with an improved MRF model for unsupervised change detection for satellite images. European Journal of Remote Sensing, 2017, 50, 202-210.	3.5	4
101	A Novel Adaptive Fuzzy Local Information C -Means Clustering Algorithm for Remotely Sensed Imagery Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5057-5068.	6.3	65
102	Change Detection Based on Gabor Wavelet Features for Very High Resolution Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 783-787.	3.1	63
103	Bioactive flavonoids from Flos Sophorae. Journal of Natural Medicines, 2017, 71, 513-522.	2.3	15
104	Comparison of Unscented and Extended Kalman Filters with Application in Vehicle Navigation. Journal of Navigation, 2017, 70, 411-431.	1.7	37
105	Satellite-based PM2.5 estimation using fine-mode aerosol optical thickness over China. Atmospheric Environment, 2017, 170, 290-302.	4.1	38
106	Unsupervised change detection using spectral features and a texture difference measure for VHR remote-sensing images. International Journal of Remote Sensing, 2017, 38, 7302-7315.	2.9	14
107	Optimizing GPS-guidance transit route for cable crane collision avoidance using artificial immune algorithm. GPS Solutions, 2017, 21, 823-834.	4.3	9
108	Uncertainty of Spatial Information and Spatial Analysis. Springer Geography, 2017, , 511-522.	0.4	1

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109	Spatial variability of excess mortality during prolonged dust events in a high-density city: a time-stratified spatial regression approach. International Journal of Health Geographics, 2017, 16, 26.	2.5	19
110	Semi-Automatic System for Land Cover Change Detection Using Bi-Temporal Remote Sensing Images. Remote Sensing, 2017, 9, 1112.	4.0	21
111	Improved Approximation Algorithm for Maximal Information Coefficient. International Journal of Data Warehousing and Mining, 2017, 13, 76-93.	0.6	5
112	Rigorous Line-Based Transformation Model Using the Generalized Point Strategy for the Rectification of High Resolution Satellite Imagery. Remote Sensing, 2016, 8, 743.	4.0	1
113	A New Methodology for Spectral-Spatial Classification of Hyperspectral Images. Journal of Sensors, 2016, 2016, 1-12.	1.1	10
114	An Object-Based Change Detection Approach Using Uncertainty Analysis for VHR Images. Journal of Sensors, 2016, 2016, 1-17.	1.1	18
115	A Scale-Driven Change Detection Method Incorporating Uncertainty Analysis for Remote Sensing Images. Remote Sensing, 2016, 8, 745.	4.0	11
116	Novel Object-Based Filter for Improving Land-Cover Classification of Aerial Imagery with Very High Spatial Resolution. Remote Sensing, 2016, 8, 1023.	4.0	15
117	Novel Approach to Unsupervised Change Detection Based on a Robust Semi-Supervised FCM Clustering Algorithm. Remote Sensing, 2016, 8, 264.	4.0	61
118	Area-to-point regression kriging for pan-sharpening. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 114, 151-165.	11.1	60
119	Superpixel-based active contour model for unsupervised change detection from satellite images. International Journal of Remote Sensing, 2016, 37, 4276-4295.	2.9	9
120	Object-oriented change detection method based on adaptive multi-method combination for remote-sensing images. International Journal of Remote Sensing, 2016, 37, 5457-5471.	2.9	13
121	Landslide mapping from aerial photographs using change detection-based Markov random field. Remote Sensing of Environment, 2016, 187, 76-90.	11.0	112
122	Fusion of Sentinel-2 images. Remote Sensing of Environment, 2016, 187, 241-252.	11.0	163
123	Spatiotemporal Subpixel Mapping of Time-Series Images. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 5397-5411.	6.3	24
124	Mining significant association rules from uncertain data. Data Mining and Knowledge Discovery, 2016, 30, 928-963.	3.7	14
125	Semi-automated landslide inventory mapping from bitemporal aerial photographs using change detection and level set method. Remote Sensing of Environment, 2016, 175, 215-230.	11.0	102
126	A measure of average error variance of line features. Cartography and Geographic Information Science, 2016, 43, 321-327.	3.0	1

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127	Fuzzy topologyâ€"based method for unsupervised change detection. Remote Sensing Letters, 2016, 7, 81-90.	1.4	13
128	A new method of satellite-based haze aerosol monitoring over the North China Plain and a comparison with MODIS Collection 6 aerosol products. Atmospheric Research, 2016, 171, 31-40.	4.1	17
129	Information Fusion for Urban Road Extraction From VHR Optical Satellite Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 1817-1829.	4.9	19
130	A New Geostatistical Solution to Remote Sensing Image Downscaling. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 386-396.	6.3	39
131	Confidence Analysis of Standard Deviational Ellipse and Its Extension into Higher Dimensional Euclidean Space. PLoS ONE, 2015, 10, e0118537.	2.5	128
132	Use of GMM and SCMS for Accurate Road Centerline Extraction from the Classified Image. Journal of Sensors, 2015, 2015, 1-13.	1.1	5
133	Fusion-based approach to change detection to reduce the effect of the trade-off parameter in the active contour model. Remote Sensing Letters, 2015, 6, 39-48.	1.4	8
134	Scale selecting of building information statistical grids with spatial autocorrelation. , 2015, , .		1
135	Corrections to â€œSemiautomatic Airport Runway Extraction Using a Line-Finder-Aided Level Set Evolutionâ€•[Dec 14 4738-4749]. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 5395-5395.	4.9	0
136	An improved fractal prediction model for forecasting mine slope deformation using GM (1, 1). Structural Health Monitoring, 2015, 14, 502-512.	7.5	10
137	A wavelet-based hybrid approach to remove the flicker noise and the white noise from GPS coordinate time series. GPS Solutions, 2015, 19, 511-523.	4.3	19
138	Mapping dustfall distribution in urban areas using remote sensing and ground spectral data. Science of the Total Environment, 2015, 506-507, 604-612.	8.0	31
139	A general framework for spatial data inspection and assessment. Earth Science Informatics, 2015, 8, 919-935.	3.2	4
140	Downscaling MODIS images with area-to-point regression kriging. Remote Sensing of Environment, 2015, 166, 191-204.	11.0	126
141	Robust methods for assessing the accuracy of linear interpolated DEM. International Journal of Applied Earth Observation and Geoinformation, 2015, 34, 198-206.	2.8	18
142	A Multilevel Stratified Spatial Sampling Approach for the Quality Assessment of Remote-Sensing-Derived Products. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 4699-4713.	4.9	21
143	Soft-then-hard sub-pixel mapping with multiple shifted images. International Journal of Remote Sensing, 2015, 36, 1329-1348.	2.9	9
144	Fusion of multiple features to produce a segmentation algorithm for remote sensing images. Remote Sensing Letters, 2015, 6, 390-398.	1.4	3

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145	An Object-Based Method for Road Network Extraction in VHR Satellite Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 4853-4862.	4.9	58
146	Advanced Markov random field model based on local uncertainty for unsupervised change detection. Remote Sensing Letters, 2015, 6, 667-676.	1.4	13
147	Correction to â€œExtracting Man-Made Objects From High Spatial Resolution Remote Sensing Images via Fast Level Set Evolutionsâ€•[Feb 15 883-899]. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5794-5794.	6.3	23
148	Fast Subpixel Mapping Algorithms for Subpixel Resolution Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 1692-1706.	6.3	44
149	Indicator Cokriging-Based Subpixel Mapping Without Prior Spatial Structure Information. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 309-323.	6.3	48
150	Extracting Man-Made Objects From High Spatial Resolution Remote Sensing Images via Fast Level Set Evolutions. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 883-899.	6.3	19
151	Land Cover Change Detection at Subpixel Resolution With a Hopfield Neural Network. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 1339-1352.	4.9	66
152	Validation of Land Cover Products Using Reliability Evaluation Methods. Remote Sensing, 2015, 7, 7846-7864.	4.0	9
153	Qualitative and Quantitative Comparative Analysis of the Relationship between Sampling Density and DEM Error by Bilinear and Bicubic Interpolation Methods. , 2015, , 163-196.		0
154	Semiautomatic Airport Runway Extraction Using a Line-Finder-Aided Level Set Evolution. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4738-4749.	4.9	19
155	Indicator Cokriging-Based Subpixel Land Cover Mapping With Shifted Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 327-339.	4.9	37
156	Estimation of Protein Content in Plant Leaves using Spectral Reflectance: A Case Study inEuonymus japonica. Analytical Letters, 2014, 47, 517-530.	1.8	2
157	Comparative Analysis for Robust Penalized Spline Smoothing Methods. Mathematical Problems in Engineering, 2014, 2014, 1-11.	1.1	2
158	Classification of Very High Spatial Resolution Imagery Based on a New Pixel Shape Feature Set. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 940-944.	3.1	13
159	Utilizing Multiple Subpixel Shifted Images in Subpixel Mapping With Image Interpolation. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 798-802.	3.1	30
160	Local Spectrum-Trend Similarity Approach for Detecting Land-Cover Change by Using SPOT-5 Satellite Images. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 738-742.	3.1	26
161	Spectralâ€"Spatial Classification and Shape Features for Urban Road Centerline Extraction. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 788-792.	3.1	62
162	An Integrated Method for Urban Main-Road Centerline Extraction From Optical Remotely Sensed Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 3359-3372.	6.3	164

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163	A Fast Level Set Algorithm for Building Roof Recognition From High Spatial Resolution Panchromatic Images. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 743-747.	3.1	16
164	Unsupervised Change Detection With Expectation-Maximization-Based Level Set. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 210-214.	3.1	77
165	A Method for Accurate Road Centerline Extraction From a Classified Image. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4762-4771.	4.9	31
166	Sub-pixel mapping of remote sensing images based on radial basis function interpolation. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 92, 1-15.	11.1	93
167	An object-based image analysis for building seismic vulnerability assessment using high-resolution remote sensing imagery. Natural Hazards, 2014, 71, 151-174.	3.4	26
168	Accuracy Analysis of Digital Elevation Model Relating to Spatial Resolution and Terrain Slope by Bilinear Interpolation. Mathematical Geosciences, 2014, 46, 445-481.	2.4	31
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