

Jianya Gong

List of Publications by Year in descending order

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167
papers

3,813
citations

109137

35
h-index

168136

53
g-index

169
all docs

169
docs citations

169
times ranked

3748
citing authors

#	ARTICLE	IF	CITATIONS
1	Luojia-HSSR: A high spatial-spectral resolution remote sensing dataset for land-cover classification with a new 3D-HRNet. <i>Geo-Spatial Information Science</i> , 2023, 26, 289-301.	2.4	17
2	Unmixing Convolutional Features for Crisp Edge Detection. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2022, 44, 6602-6609.	9.7	37
3	Smoothly varying projective transformation for line segment matching. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2022, 183, 129-146.	4.9	7
4	SNR Improvement for Maneuvering Ship Using Weak Echo Under the Condition of Beidou GEO Satellites. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022, 15, 1256-1271.	2.3	3
5	Tracking of Land Reclamation Activities Using Landsat Observations—An Example in Shanghai and Hangzhou Bay. <i>Remote Sensing</i> , 2022, 14, 464.	1.8	5
6	Building a machine learning surrogate model for wildfire activities within a global Earth system model. <i>Geoscientific Model Development</i> , 2022, 15, 1899-1911.	1.3	13
7	Refined InSAR tropospheric delay correction for wide-area landslide identification and monitoring. <i>Remote Sensing of Environment</i> , 2022, 275, 113013.	4.6	17
8	Phase Error Analysis and Compensation of GEO-Satellite-Based GNSS-R Deformation Retrieval. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	1.4	2
9	SNR Enhancement of Back Scattering Signals for Bistatic Radar Based on BeiDou GEO Satellites. <i>Remote Sensing</i> , 2021, 13, 1254.	1.8	11
10	On the applicability of satellite SAR interferometry to landslide hazards detection in hilly areas: a case study of Shuicheng, Guizhou in Southwest China. <i>Landslides</i> , 2021, 18, 2609-2619.	2.7	30
11	An on-demand scheme driven by the knowledge of geospatial distribution for large-scale high-resolution impervious surface mapping. <i>GIScience and Remote Sensing</i> , 2021, 58, 562-586.	2.4	11
12	Layout graph model for semantic facade reconstruction using laser point clouds. <i>Geo-Spatial Information Science</i> , 2021, 24, 403-421.	2.4	11
13	LSI-LSTM: An attention-aware LSTM for real-time driving destination prediction by considering location semantics and location importance of trajectory points. <i>Neurocomputing</i> , 2021, 440, 72-88.	3.5	25
14	Learning deep cross-scale feature propagation for indoor semantic segmentation. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 176, 42-53.	4.9	5
15	Towards generating network of bikeways from Mapillary data. <i>Computers, Environment and Urban Systems</i> , 2021, 88, 101632.	3.3	22
16	Land cover classification based on the PSPNet and superpixel segmentation methods with high spatial resolution multispectral remote sensing imagery. <i>Journal of Applied Remote Sensing</i> , 2021, 15, .	0.6	9
17	GIScience and remote sensing in natural resource and environmental research: Status quo and future perspectives. <i>Geography and Sustainability</i> , 2021, 2, 207-215.	1.9	13
18	Structured Building Extraction from High-Resolution Satellite Images with a Hybrid Convolutional Neural Network. , 2021, , .		2

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19	Super-resolution imaging based on the BeiDou B3 signal. <i>International Journal of Remote Sensing</i> , 2020, 41, 2339-2358.	1.3	4
20	Advances in urban information extraction from high-resolution remote sensing imagery. <i>Science China Earth Sciences</i> , 2020, 63, 463-475.	2.3	31
21	Parsing very high resolution urban scene images by learning deep ConvNets with edge-aware loss. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 170, 15-28.	4.9	74
22	A hierarchical temporal attention-based LSTM encoder-decoder model for individual mobility prediction. <i>Neurocomputing</i> , 2020, 403, 153-166.	3.5	61
23	High-resolution urban land-cover mapping and landscape analysis of the 42 major cities in China using ZY-3 satellite images. <i>Science Bulletin</i> , 2020, 65, 1039-1048.	4.3	52
24	A scalable cyberinfrastructure and cloud computing platform for forest aboveground biomass estimation based on the Google Earth Engine. <i>International Journal of Digital Earth</i> , 2019, 12, 995-1012.	1.6	14
25	Improved correction of seasonal tropospheric delay in InSAR observations for landslide deformation monitoring. <i>Remote Sensing of Environment</i> , 2019, 233, 111370.	4.6	67
26	Watershed-scale-based forecast method for leaf area index data based on the integration of time series MODIS products and meteorological data. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	2
27	Line-Based Geometric Consensus Rectification and Calibration From Single Distorted Manhattan Image. <i>IEEE Access</i> , 2019, 7, 156400-156412.	2.6	3
28	Short and mid-term sea surface temperature prediction using time-series satellite data and LSTM-AdaBoost combination approach. <i>Remote Sensing of Environment</i> , 2019, 233, 111358.	4.6	172
29	Spatiotemporal Analysis of Carbon Emissions and Carbon Storage Using National Geography Census Data in Wuhan, China. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 7.	1.4	5
30	Monitoring ecosystem service change in the City of Shenzhen by the use of high-resolution remotely sensed imagery and deep learning. <i>Land Degradation and Development</i> , 2019, 30, 1490-1501.	1.8	38
31	Deep neural network for remote-sensing image interpretation: status and perspectives. <i>National Science Review</i> , 2019, 6, 1082-1086.	4.6	84
32	Detection of clusters in traffic networks based on spatio-temporal flow modeling. <i>Transactions in GIS</i> , 2019, 23, 312-333.	1.0	8
33	Estimation of the forest stand mean height and aboveground biomass in Northeast China using SAR Sentinel-1B, multispectral Sentinel-2A, and DEM imagery. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 151, 277-289.	4.9	90
34	THE INFLUENCE OF THE TERRAIN ON HEIGHT MEASUREMENT USING THE GNSS INTERFERENCE SIGNAL. <i>Progress in Electromagnetics Research M</i> , 2019, 77, 73-82.	0.5	1
35	Automatic extraction of built-up area from ZY3 multi-view satellite imagery: Analysis of 45 global cities. <i>Remote Sensing of Environment</i> , 2019, 226, 51-73.	4.6	64
36	Dense Image-Matching via Optical Flow Field Estimation and Fast-Guided Filter Refinement. <i>Remote Sensing</i> , 2019, 11, 2410.	1.8	11

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37	A Semi-Supervised Approach Towards Land Cover Mapping with Sentinel-2 Desnse Time-Series Imagery. , 2019, , .		0
38	Has Government Water Protection Policy Taken Effect on Preventing Harmful Algal Blooms in Erhai Lake?. , 2019, , .		0
39	A density-based approach for detecting network-constrained clusters in spatial point events. International Journal of Geographical Information Science, 2019, 33, 466-488.	2.2	19
40	Low-Cost and Efficient Indoor 3D Reconstruction through Annotated Hierarchical Structure-from-Motion. Remote Sensing, 2019, 11, 58.	1.8	15
41	Using reflected signal power from the BeiDou geostationary satellites to estimate soil moisture. Remote Sensing Letters, 2019, 10, 1-10.	0.6	4
42	Indoor scene texturing based on single mobile phone images and 3D model fusion. International Journal of Digital Earth, 2019, 12, 525-543.	1.6	4
43	The edge-preservation multi-classifier relearning framework for the classification of high-resolution remotely sensed imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 138, 57-73.	4.9	19
44	Detection and displacement characterization of landslides using multi-temporal satellite SAR interferometry: A case study of Danba County in the Dadu River Basin. Engineering Geology, 2018, 240, 95-109.	2.9	81
45	Big enterprise registration data imputation: Supporting spatiotemporal analysis of industries in China. Computers, Environment and Urban Systems, 2018, 70, 9-23.	3.3	18
46	A Unified Approach of Multitemporal SAR Data Filtering Through Adaptive Estimation of Complex Covariance Matrix. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 5320-5333.	2.7	13
47	Detecting anomalies in spatio-temporal flow data by constructing dynamic neighbourhoods. Computers, Environment and Urban Systems, 2018, 67, 80-96.	3.3	24
48	Mapping landslide surface displacements with time series SAR interferometry by combining persistent and distributed scatterers: A case study of Jiaju landslide in Danba, China. Remote Sensing of Environment, 2018, 205, 180-198.	4.6	127
49	Angular difference feature extraction for urban scene classification using ZY-3 multi-angle high-resolution satellite imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 135, 127-141.	4.9	60
50	Feasibility of using signal strength indicator data to estimate soil moisture based on GNSS interference signal analysis. Remote Sensing Letters, 2018, 9, 61-70.	0.6	8
51	Analysis of the relationships between environmental noise and urban morphology. Environmental Pollution, 2018, 233, 755-763.	3.7	53
52	Measuring precursory movements of the recent Xinmo landslide in Mao County, China with Sentinel-1 and ALOS-2 PALSAR-2 datasets. Landslides, 2018, 15, 135-144.	2.7	78
53	GNSS IMAGING: A CASE STUDY OF TREE DETECTION BASED ON BEIDOU GEO SATELLITES. Progress in Electromagnetics Research C, 2018, 84, 227-240.	0.6	7
54	Building Area Extraction from High-Resoluton Satellite Imagery Based on Morphological Building Index. , 2018, , .		1

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55	A Novel Building Detection Method Using zy-3 Multi-Angle Imagery Over Urban Areas. , 2018, , .		1
56	A Framework for Spatiotemporal Analysis of Regional Economic Agglomeration Patterns. Sustainability, 2018, 10, 2800.	1.6	7
57	A nonâ€parametric statistical test method to detect significant crossâ€outliers in spatial points. Transactions in GIS, 2018, 22, 1462-1483.	1.0	3
58	A spatialâ€adjacencyâ€based approach for analyzing urban landscape structure. Transactions in GIS, 2018, 22, 1649-1672.	1.0	2
59	Estimation of Soil Moisture Index Using Multi-Temporal Sentinel-1 Images over Poyang Lake Ungauged Zone. Remote Sensing, 2018, 10, 12.	1.8	25
60	DMBLC: An Indirect Urban Impervious Surface Area Extraction Approach by Detecting and Masking Background Land Cover on Google Earth Image. Remote Sensing, 2018, 10, 766.	1.8	10
61	Geospatial sensor web: A cyber-physical infrastructure for geoscience research and application. Earth-Science Reviews, 2018, 185, 684-703.	4.0	50
62	Forest Type Identification with Random Forest Using Sentinel-1A, Sentinel-2A, Multi-Temporal Landsat-8 and DEM Data. Remote Sensing, 2018, 10, 946.	1.8	98
63	A morphologically preserved multi-resolution TIN surface modeling and visualization method for virtual globes. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 129, 41-54.	4.9	14
64	Four decades of the morphological dynamics of the lakes in the Jiangnan Plain using Landsat observations. Water and Environment Journal, 2017, 31, 353-359.	1.0	10
65	Assessing the quality of building height extraction from ZiYuan-3 multi-view imagery. Remote Sensing Letters, 2017, 8, 907-916.	0.6	25
66	Precise Sensor Orientation of High-Resolution Satellite Imagery With the Strip Constraint. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5313-5323.	2.7	4
67	Large-scale block adjustment without use of ground control points based on the compensation of geometric calibration for ZY-3 images. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 134, 1-14.	4.9	41
68	Community evolution analysis based on co-author network: a case study of academic communities of the journal of â€Annals of the Association of American Geographersâ€. Scientometrics, 2017, 113, 845-865.	1.6	7
69	An RFID and sensor web-enabled smart electric power equipment inspection system. , 2017, , .		0
70	Geoinformatics education and outreach: looking forward. Geo-Spatial Information Science, 2017, 20, 209-217.	2.4	14
71	Organizing large-scale trajectories with adaptive Geohash-tree based on secondo database. , 2017, , .		4
72	A Machine Learning Based Reconstruction Method for Satellite Remote Sensing of Soil Moisture Images with In Situ Observations. Remote Sensing, 2017, 9, 484.	1.8	29

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73	A New Stereo Pair Disparity Index (SPDI) for Detecting Built-Up Areas from High-Resolution Stereo Imagery. <i>Remote Sensing</i> , 2017, 9, 633.	1.8	12
74	SCRMS: An RFID and Sensor Web-Enabled Smart Cultural Relics Management System. <i>Sensors</i> , 2017, 17, 60.	2.1	14
75	Line-Based Registration of Panoramic Images and LiDAR Point Clouds for Mobile Mapping. <i>Sensors</i> , 2017, 17, 70.	2.1	27
76	A Novel k-Means Clustering Based Task Decomposition Method for Distributed Vector-Based CA Models. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 93.	1.4	6
77	Event-Driven Distributed Information Resource-Focusing Service for Emergency Response in Smart City with Cyber-Physical Infrastructures. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 251.	1.4	14
78	An Array Database Approach for Earth Observation Data Management and Processing. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 220.	1.4	13
79	A Multiscale Deeply Described Correlatons-Based Model for Land-Use Scene Classification. <i>Remote Sensing</i> , 2017, 9, 917.	1.8	23
80	A Hybrid Method for Interpolating Missing Data in Heterogeneous Spatio-Temporal Datasets. <i>ISPRS International Journal of Geo-Information</i> , 2016, 5, 13.	1.4	20
81	Rendering interior-filled polygonal vector data in a virtual globe. <i>International Journal of Geographical Information Science</i> , 2016, 30, 2208-2229.	2.2	5
82	Generalized Differential Morphological Profiles for Remote Sensing Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 1736-1751.	2.3	39
83	Soil moisture estimation based on BeiDou B1 interference signal analysis. <i>Science China Earth Sciences</i> , 2016, 59, 2427-2440.	2.3	7
84	An Extension Mechanism to Verify, Constrain and Enhance Geoprocessing Workflows Invocation. <i>Transactions in GIS</i> , 2016, 20, 240-258.	1.0	9
85	Optimizing precipitation station location: a case study of the Jinsha River Basin. <i>International Journal of Geographical Information Science</i> , 2016, 30, 1207-1227.	2.2	15
86	An improved ANUDEM method combining topographic correction and DEM interpolation. <i>Geocarto International</i> , 2016, 31, 492-505.	1.7	16
87	A virtual globe-based vector data model: quaternary quadrangle vector tile model. <i>International Journal of Digital Earth</i> , 2016, 9, 230-251.	1.6	20
88	In-orbit geometric calibration and validation of ZY-3 three-line cameras based on CCD-detector look angles. <i>Photogrammetric Record</i> , 2015, 30, 211-226.	0.4	36
89	Real-time GIS data model and sensor web service platform for environmental data management. <i>International Journal of Health Geographics</i> , 2015, 14, 2.	1.2	32
90	Land-Use Scene Classification in High-Resolution Remote Sensing Images Using Improved Correlatons. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 2403-2407.	1.4	54

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91	Task-oriented Sensor Web data processing for environmental monitoring. Earth Science Informatics, 2015, 8, 511-525.	1.6	13
92	A robust channel network extraction method combining discrete curve evolution and the skeleton construction technique. Advances in Water Resources, 2015, 83, 17-27.	1.7	17
93	Spaceborne Earth-Observing Optical Sensor Static Capability Index for Clustering. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5504-5518.	2.7	3
94	Adaptive polarimetric decomposition using incoherent ground scattering models without reflection symmetry assumption. Geo-Spatial Information Science, 2015, 18, 1-10.	2.4	2
95	Cyber-Physical Geographical Information Service-Enabled Control of Diverse In-Situ Sensors. Sensors, 2015, 15, 2565-2592.	2.1	29
96	Development of a Framework for Stereo Image Retrieval With Both Height and Planar Features. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 800-815.	2.3	12
97	Optimizing the configuration of streamflow stations based on coverage maximization: A case study of the Jinsha River Basin. Journal of Hydrology, 2015, 527, 172-183.	2.3	10
98	Design and implementation of the real-time GIS data model and Sensor Web service platform for environmental big data management with the Apache Storm. , 2015, , .		5
99	Improved van Zyl Polarimetric Decomposition Lessening the Overestimation of Volume Scattering Power. Remote Sensing, 2014, 6, 6365-6385.	1.8	3
100	Geoinformatics education in China. Geo-Spatial Information Science, 2014, 17, 208-218.	2.4	5
101	Development, application, and prospects for Chinese land observation satellites. Geo-Spatial Information Science, 2014, 17, 102-109.	2.4	26
102	GeoComputation for Geospatial Big Data. Transactions in GIS, 2014, 18, 1-2.	1.0	5
103	An Unsupervised Scattering Mechanism Classification Method for PolSAR Images. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 1677-1681.	1.4	11
104	A heterogeneous sensor web node meta-model for the management of a flood monitoring system. Environmental Modelling and Software, 2014, 54, 222-237.	1.9	38
105	Virtual globe-based integration and sharing service method of GeoSpatial Information. Science China Earth Sciences, 2013, 56, 1780-1790.	2.3	5
106	A pole-oriented discrete global grid system: Quaternary quadrangle mesh. Computers and Geosciences, 2013, 61, 133-143.	2.0	13
107	Fast Construction of Global Pyramids for Very Large Satellite Images. Transactions in GIS, 2013, 17, 282-297.	1.0	2
108	A Linked Data Approach for Geospatial Data Provenance. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 5105-5112.	2.7	18

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109	The use of geospatial workflows to support automatic detection of complex geospatial features from high resolution images. , 2013, , .		5
110	GeoPWProv: Interleaving Map and Faceted Metadata for Provenance Visualization and Navigation. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 5131-5136.	2.7	9
111	Asynchronous geoprocessing services: An interoperable approach. , 2013, , .		0
112	Geoprocessing in Cloud Computing platforms â€“ a comparative analysis. International Journal of Digital Earth, 2013, 6, 404-425.	1.6	62
113	A decomposition-free scattering mechanism classification method for PolSAR images with Neumannâ€™s model. Remote Sensing Letters, 2013, 4, 1176-1184.	0.6	7
114	Detecting Geometric Conflicts for Generalisation of Polygonal Maps. Cartographic Journal, 2012, 49, 21-29.	0.8	8
115	Geospatial Service Web: towards integrated cyberinfrastructure for GIScience. Geo-Spatial Information Science, 2012, 15, 73-84.	2.4	16
116	Dense Corresponding Pixel Matching Between Aerial Epipolar Images Using an RGB-Belief Propagation Algorithm. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 1036-1040.	1.4	5
117	Geoprocessing on the Amazon cloud computing platform — AWS. , 2012, , .		6
118	Terrain radiometric calibration of airborne UAVSAR for forested area. Geo-Spatial Information Science, 2012, 15, 229-240.	2.4	6
119	Flood detection and mapping of the Thailand Central plain using RADARSAT and MODIS under a sensor web environment. International Journal of Applied Earth Observation and Geoinformation, 2012, 14, 245-255.	1.4	56
120	Using SensorML to construct a geoprocessing e-Science workflow model under a sensor web environment. Computers and Geosciences, 2012, 47, 119-129.	2.0	25
121	The Geospatial Service Web: Ubiquitous Connectivity with Geospatial Services. Transactions in GIS, 2012, 16, 741-743.	1.0	6
122	An integrated spatio-temporal classification method for urban fringe change detection analysis. International Journal of Remote Sensing, 2012, 33, 2516-2531.	1.3	12
123	Current issues in high-resolution earth observation technology. Science China Earth Sciences, 2012, 55, 1043-1051.	2.3	49
124	Automatic geospatial metadata generation for earth science virtual data products. Geoinformatica, 2012, 16, 1-29.	2.0	19
125	A Flexible Data and Sensor Planning Service for Virtual Sensors Based on Web Service. IEEE Sensors Journal, 2011, 11, 1429-1439.	2.4	27
126	Entropy-Based Models for Positional Uncertainty of Line Segments in GIS. Survey Review, 2011, 43, 390-401.	0.7	3

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127	An Efficient Method for Near-Real-Time On-Demand Retrieval of Remote Sensing Observations. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2011, 4, 615-625.	2.3	17
128	Integrating semantic web technologies and geospatial catalog services for geospatial information discovery and processing in cyberinfrastructure. Geoinformatica, 2011, 15, 273-303.	2.0	60
129	Review of data storage and management technologies for massive remote sensing data. Science China Technological Sciences, 2011, 54, 3220-3232.	2.0	41
130	Sharing geospatial provenance in a service-oriented environment. Computers, Environment and Urban Systems, 2011, 35, 333-343.	3.3	35
131	Management and visualization of laser scanning point cloud data based on the virtual global platform. , 2011, , .		1
132	A provenance framework for Web geoprocessing workflows. , 2011, , .		2
133	GeoGlobe. , 2011, , 85-108.		2
134	Analysis-enhanced virtual globe for digital earth. Science China Technological Sciences, 2010, 53, 61-67.	2.0	3
135	Gradient analysis of landscape spatial and temporal pattern changes in Beijing metropolitan area. Science China Technological Sciences, 2010, 53, 91-98.	2.0	20
136	Multi-source geospatial information integration and sharing in Virtual Globes. Science China Technological Sciences, 2010, 53, 1-6.	2.0	15
137	Comparing intellectual and graphical complexities of traditional and image-derived landuse maps. Science China Technological Sciences, 2010, 53, 205-212.	2.0	2
138	OpenRS-Cloud: A remote sensing image processing platform based on cloud computing environment. Science China Technological Sciences, 2010, 53, 221-230.	2.0	46
139	Geo-processing workflow driven wildfire hot pixel detection under sensor web environment. Computers and Geosciences, 2010, 36, 362-372.	2.0	56
140	Augmenting geospatial data provenance through metadata tracking in geospatial service chaining. Computers and Geosciences, 2010, 36, 270-281.	2.0	54
141	GeoPW: Laying Blocks for the Geospatial Processing Web. Transactions in GIS, 2010, 14, 755-772.	1.0	66
142	Multi-frame Image super-resolution based on knife-edges. , 2010, , .		5
143	An automatic SWILC classification and extraction for the AntSDI under a Sensor Web environment. Canadian Journal of Remote Sensing, 2010, 36, S1-S12.	1.1	13
144	Automatic On-Demand Data Feed Service for AutoChem Based on Reusable Geo-Processing Workflow. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2010, 3, 418-426.	2.3	13

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145	Integration of geospatial Web services and Web portal technologies for geospatial Information sharing and processing. , 2009, , .		1
146	Use of ebRIM-based CSW with sensor observation services for registry and discovery of remote-sensing observations. Computers and Geosciences, 2009, 35, 360-372.	2.0	37
147	Semantic Web Services-based process planning for earth science applications. International Journal of Geographical Information Science, 2009, 23, 1139-1163.	2.2	45
148	Workflow-Oriented the optimal path web services in multi-level road network. , 2009, , .		0
149	GeoPW: Towards the Geospatial Processing Web. Lecture Notes in Computer Science, 2009, , 25-38.	1.0	11
150	Post-earthquake assessment of building damage degree using LiDAR data and imagery. Science in China Series D: Earth Sciences, 2008, 51, 133-143.	0.9	53
151	Object-level change detection based on full-scale image segmentation and its application to Wenchuan Earthquake. Science in China Series D: Earth Sciences, 2008, 51, 110-122.	0.9	22
152	Robust Affine Invariant Feature Extraction for Image Matching. IEEE Geoscience and Remote Sensing Letters, 2008, 5, 246-250.	1.4	62
153	Augmenting the OGC Web Processing Service with Message-Based Asynchronous Notification. , 2008, , .		6
154	Automatic Transformation from Semantic Description to Syntactic Specification for Geo-Processing Service Chains. Lecture Notes in Computer Science, 2008, , 50-62.	1.0	4
155	Semantics-enabled metadata generation, tracking and validation in geospatial web service composition for mining distributed images. , 2007, , .		3
156	Dimensionality Reduction Based on Clonal Selection for Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 4172-4186.	2.7	164
157	A Supervised Artificial Immune Classifier for Remote-Sensing Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 3957-3966.	2.7	49
158	An improvement approach based on keren sub-pixel registration method. , 2006, , .		6
159	A hybrid 3D data model based on multi-DEMs and QTPVs and its application in geology modeling. , 2006, , .		0
160	A robust and rapid algorithm for generating and transmitting multi-resolution three-dimensional models. Science Bulletin, 2006, 51, 987-993.	1.7	3
161	POCS Super-Resolution Sequence Image Reconstruction Based on Improvement Approach of Keren Registration Method. , 2006, , .		12
162	Design and Implementation of the Hydrographic Production and Management Information System (HYPAMIS). Marine Geodesy, 2005, 28, 137-157.	0.9	0

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163	OFDM peak-to-average power ratio reduction by combining the PTS with golay complementary sequences and reed-muller codes. , 2005, , .		1
164	Three-dimensional modeling and application in geological exploration engineering. Computers and Geosciences, 2004, 30, 391-404.	2.0	77
165	Motion data management of 3D moving objects. , 0, , .		2
166	Improved Channel Estimation Algorithm for OFDM Over LEO Channels. , 0, , .		1
167	IMPACT OF BUILDING HEIGHTS ON 3D URBAN DENSITY ESTIMATION FROM SPACEBORNE STEREO IMAGERY. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B3, 677-683.	0.2	5