Lizhe Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8505502/publications.pdf

Version: 2024-02-01

340 papers	13,144 citations	26567 56 h-index	39575 94 g-index
352 all docs	352 docs citations	352 times ranked	11179 citing authors

#	Article	IF	Citations
1	Cloud Computing: a Perspective Study. New Generation Computing, 2010, 28, 137-146.	2.5	550
2	Remote sensing big data computing: Challenges and opportunities. Future Generation Computer Systems, 2015, 51, 47-60.	4.9	444
3	Scientific Cloud Computing: Early Definition and Experience. , 2008, , .		336
4	G-Hadoop: MapReduce across distributed data centers for data-intensive computing. Future Generation Computer Systems, 2013, 29, 739-750.	4.9	292
5	SuperPCA: A Superpixelwise PCA Approach for Unsupervised Feature Extraction of Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4581-4593.	2.7	233
6	Power-aware scheduling of virtual machines in DVFS-enabled clusters. , 2009, , .		197
7	Learning a Joint Affinity Graph for Multiview Subspace Clustering. IEEE Transactions on Multimedia, 2019, 21, 1724-1736.	5.2	192
8	Efficient resource management for Cloud computing environments. , 2010, , .		191
9	SVM or deep learning? A comparative study on remote sensing image classification. Soft Computing, 2017, 21, 7053-7065.	2.1	190
10	MuR-DPA: Top-Down Levelled Multi-Replica Merkle Hash Tree Based Secure Public Auditing for Dynamic Big Data Storage on Cloud. IEEE Transactions on Computers, 2015, 64, 2609-2622.	2.4	183
11	Energy-aware parallel task scheduling in a cluster. Future Generation Computer Systems, 2013, 29, 1661-1670.	4.9	176
12	Towards Energy Aware Scheduling for Precedence Constrained Parallel Tasks in a Cluster with DVFS. , 2010, , .		167
13	An overview of energy efficiency techniques in cluster computing systems. Cluster Computing, 2013, 16, 3-15.	3.5	160
14	Big Data Privacy in the Internet of Things Era. IT Professional, 2015, 17, 32-39.	1.4	158
15	Natural Disaster Monitoring with Wireless Sensor Networks: A Case Study of Data-intensive Applications upon Low-Cost Scalable Systems. Mobile Networks and Applications, 2013, 18, 651-663.	2.2	157
16	A semi-supervised generative framework with deep learning features for high-resolution remote sensing image scene classification. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 145, 23-43.	4.9	157
17	Temporal Convolutional Networks for the Advance Prediction of ENSO. Scientific Reports, 2020, 10, 8055.	1.6	152
18	pipsCloud: High performance cloud computing for remote sensing big data management and processing. Future Generation Computer Systems, 2018, 78, 353-368.	4.9	140

#	Article	IF	Citations
19	Review of performance metrics for green data centers: a taxonomy study. Journal of Supercomputing, 2013, 63, 639-656.	2.4	137
20	A Big Data-as-a-Service Framework: State-of-the-Art and Perspectives. IEEE Transactions on Big Data, 2018, 4, 325-340.	4.4	136
21	Channel-Attention-Based DenseNet Network for Remote Sensing Image Scene Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4121-4132.	2.3	130
22	Scientific big data and Digital Earth. Science Bulletin, 2014, 59, 5066-5073.	1.7	128
23	Spectralâ€“spatial multi-feature-based deep learning for hyperspectral remote sensing image classification. Soft Computing, 2017, 21, 213-221.	2.1	120
24	A survey on resource allocation in high performance distributed computing systems. Parallel Computing, 2013, 39, 709-736.	1.3	112
25	A Distributed HOSVD Method With Its Incremental Computation for Big Data in Cyber-Physical-Social Systems. IEEE Transactions on Computational Social Systems, 2018, 5, 481-492.	3.2	110
26	Physical assessment of composite biodegradable films manufactured using whey protein isolate, gelatin and sodium alginate. Journal of Food Engineering, 2010, 96, 199-207.	2.7	109
27	Processing Distributed Internet of Things Data in Clouds. IEEE Cloud Computing, 2015, 2, 76-80.	5.3	104
28	Robust unsupervised feature selection via dual self-representation and manifold regularization. Knowledge-Based Systems, 2018, 145, 109-120.	4.0	103
29	A feature selection approach for hyperspectral image based on modified ant lion optimizer. Knowledge-Based Systems, 2019, 168, 39-48.	4.0	99
30	Cross-View Locality Preserved Diversity and Consensus Learning for Multi-View Unsupervised Feature Selection. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 4705-4716.	4.0	99
31	A time-series classification approach based on change detection for rapid land cover mapping. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 158, 249-262.	4.9	98
32	A security framework in G-Hadoop for big data computing across distributed Cloud data centres. Journal of Computer and System Sciences, 2014, 80, 994-1007.	0.9	96
33	Thermal aware workload placement with task-temperature profiles in a data center. Journal of Supercomputing, 2012, 61, 780-803.	2.4	92
34	A Comparison of Machine Learning Algorithms for Mapping of Complex Surface-Mined and Agricultural Landscapes Using ZiYuan-3 Stereo Satellite Imagery. Remote Sensing, 2016, 8, 514.	1.8	92
35	A survey on text mining in social networks. Knowledge Engineering Review, 2015, 30, 157-170.	2.1	84
36	Comparative study of trust and reputation systems for wireless sensor networks. Security and Communication Networks, 2013, 6, 669-688.	1.0	79

#	Article	IF	Citations
37	Quantitative comparisons of the stateâ€ofâ€theâ€art data center architectures. Concurrency Computation Practice and Experience, 2013, 25, 1771-1783.	1.4	79
38	Particle Swarm Optimization based dictionary learning for remote sensing big data. Knowledge-Based Systems, 2015, 79, 43-50.	4.0	79
39	Towards building a cloud for scientific applications. Advances in Engineering Software, 2011, 42, 714-722.	1.8	77
40	IK-SVD: Dictionary Learning for Spatial Big Data via Incremental Atom Update. Computing in Science and Engineering, 2014, 16, 41-52.	1.2	77
41	Big Earth Data science: an information framework for a sustainable planet. International Journal of Digital Earth, 2020, 13, 743-767.	1.6	76
42	Fast and Scalable Multi-Way Analysis of Massive Neural Data. IEEE Transactions on Computers, 2015, 64, 707-719.	2.4	74
43	The Next Grand Challenges: Integrating the Internet of Things and Data Science. IEEE Cloud Computing, 2018, 5, 12-26.	5.3	74
44	A Review of Fine-Scale Land Use and Land Cover Classification in Open-Pit Mining Areas by Remote Sensing Techniques. Remote Sensing, 2018, 10, 15.	1.8	73
45	Superpixel-Based Reweighted Low-Rank and Total Variation Sparse Unmixing for Hyperspectral Remote Sensing Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 629-647.	2.7	72
46	Big Earth Data from space: a new engine for Earth science. Science Bulletin, 2016, 61, 505-513.	4.3	71
47	GA-ETI: An enhanced genetic algorithm for the scheduling of scientific workflows in cloud environments. Journal of Computational Science, 2018, 26, 318-331.	1.5	71
48	A Tensor-Based Big Service Framework for Enhanced Living Environments. IEEE Cloud Computing, 2016, 3, 36-43.	5.3	70
49	A balanced scheduler with data reuse and replication for scientific workflows in cloud computing systems. Future Generation Computer Systems, 2017, 74, 168-178.	4.9	67
50	Towards Thermal Aware Workload Scheduling in a Data Center. , 2009, , .		66
51	An EEMD-ICA Approach to Enhancing Artifact Rejection for Noisy Multivariate Neural Data. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 630-638.	2.7	63
52	Towards enabling Cyberinfrastructure as a Service in Clouds. Computers and Electrical Engineering, 2013, 39, 3-14.	3.0	62
53	Link the remote sensing big data to the image features via wavelet transformation. Cluster Computing, 2016, 19, 793-810.	3.5	62
54	CloudGenius: A Hybrid Decision Support Method for Automating the Migration of Web Application Clusters to Public Clouds. IEEE Transactions on Computers, 2015, 64, 1336-1348.	2.4	60

#	Article	IF	Citations
55	High-Resolution Remote Sensing Image Scene Classification via Key Filter Bank Based on Convolutional Neural Network. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8077-8092.	2.7	60
56	A survey on Green communications using Adaptive Link Rate. Cluster Computing, 2013, 16, 575-589.	3.5	59
57	Economical and Balanced Energy Usage in the Smart Home Infrastructure: A Tutorial and New Results. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 556-570.	3.2	59
58	Towards building a data-intensive index for big data computing â€“ A case study of Remote Sensing data processing. Information Sciences, 2015, 319, 171-188.	4.0	59
59	A Parallel File System with Application-Aware Data Layout Policies for Massive Remote Sensing Image Processing in Digital Earth. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1497-1508.	4.0	59
60	A Tensor Computation and Optimization Model for Cyber-Physical-Social Big Data. IEEE Transactions on Sustainable Computing, 2019, 4, 326-339.	2.2	59
61	Feature Selective Projection with Low-Rank Embedding and Dual Laplacian Regularization. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	4.0	58
62	Compressed Sensing of a Remote Sensing Image Based on the Priors of the Reference Image. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 736-740.	1.4	57
63	Task scheduling with ANN-based temperature prediction in a data center: a simulation-based study. Engineering With Computers, 2011, 27, 381-391.	3.5	56
64	Remote Sensing Big Data: Theory, Methods and Applications. Remote Sensing, 2018, 10, 711.	1.8	56
65	Monitoring finer-scale population density in urban functional zones: A remote sensing data fusion approach. Landscape and Urban Planning, 2019, 190, 103580.	3.4	55
66	Task-Tree Based Large-Scale Mosaicking for Massive Remote Sensed Imageries with Dynamic DAG Scheduling. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2126-2137.	4.0	53
67	Security, energy, and performance-aware resource allocation mechanisms for computational grids. Future Generation Computer Systems, 2014, 31, 77-92.	4.9	52
68	A Dynamic Programming Algorithm for Leveraging Probabilistic Detection of Energy Theft in Smart Home. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 502-513.	3.2	52
69	A cloud-based remote sensing data production system. Future Generation Computer Systems, 2018, 86, 1154-1166.	4.9	52
70	Long-term trends of surface and canopy layer urban heat island intensity in 272 cities in the mainland of China. Science of the Total Environment, 2021, 772, 145607.	3.9	52
71	Energy efficient geneticâ€based schedulers in computational grids. Concurrency Computation Practice and Experience, 2015, 27, 809-829.	1.4	51
72	GCSANet: A Global Context Spatial Attention Deep Learning Network for Remote Sensing Scene Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1150-1162.	2.3	51

#	Article	IF	Citations
73	Ultra-Scalable CPU-MIC Acceleration of Mesoscale Atmospheric Modeling on Tianhe-2. IEEE Transactions on Computers, 2015, 64, 2382-2393.	2.4	49
74	H-PARAFAC: Hierarchical Parallel Factor Analysis of Multidimensional Big Data. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 1091-1104.	4.0	49
75	Quantitatively evaluating the effect of urbanization on heat waves in China. Science of the Total Environment, 2020, 731, 138857.	3.9	48
76	A Multi-Order Distributed HOSVD with Its Incremental Computing for Big Services in Cyber-Physical-Social Systems. IEEE Transactions on Big Data, 2020, 6, 666-678.	4.4	46
77	Adaptive Hypergraph Embedded Semi-Supervised Multi-Label Image Annotation. IEEE Transactions on Multimedia, 2019, 21, 2837-2849.	5.2	45
78	DeFusionNET: Defocus Blur Detection via Recurrently Fusing and Refining Multi-Scale Deep Features. , 2019, , .		45
79	DeFusionNET: Defocus Blur Detection via Recurrently Fusing and Refining Discriminative Multi-Scale Deep Features. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 955-968.	9.7	45
80	Spatiotemporal Fusion of MODIS and Landsat-7 Reflectance Images via Compressed Sensing. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 7126-7139.	2.7	44
81	Parallel Simulation of Complex Evacuation Scenarios with Adaptive Agent Models. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 847-857.	4.0	43
82	Massively Parallel Neural Signal Processing on a Many-Core Platform. Computing in Science and Engineering, 2011, 13, 42-51.	1.2	42
83	Hybrid modelling and simulation of huge crowd over a hierarchical Grid architecture. Future Generation Computer Systems, 2013, 29, 1309-1317.	4.9	42
84	An integrated static detection and analysis framework for android. Pervasive and Mobile Computing, 2016, 32, 15-25.	2.1	40
85	Bayesian tensor factorization for multi-way analysis of multi-dimensional EEG. Neurocomputing, 2018, 318, 162-174.	3.5	40
86	Performance analysis of data intensive cloud systems based on data management and replication: a survey. Distributed and Parallel Databases, 2016, 34, 179-215.	1.0	39
87	Cross-View Local Structure Preserved Diversity and Consensus Learning for Multi-View Unsupervised Feature Selection. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 5101-5108.	3.6	38
88	CycleGAN-STF: Spatiotemporal Fusion via CycleGAN-Based Image Generation. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5851-5865.	2.7	38
89	Split Depth-Wise Separable Graph-Convolution Network for Road Extraction in Complex Environments From High-Resolution Remote-Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	38
90	Urban Land Use and Land Cover Change Prediction via Self-Adaptive Cellular Based Deep Learning With Multisourced Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 5233-5247.	2.3	37

#	Article	IF	Citations
91	Resource management of distributed virtual machines. International Journal of Ad Hoc and Ubiquitous Computing, 2012, 10, 96.	0.3	36
92	Distribution Based Workload Modelling of Continuous Queries in Clouds. IEEE Transactions on Emerging Topics in Computing, 2017, 5, 120-133.	3.2	36
93	Spatiotemporal Fusion of Remote Sensing Images with Structural Sparsity and Semi-Coupled Dictionary Learning. Remote Sensing, 2017, 9, 21.	1.8	36
94	Online human action recognition based on incremental learning of weighted covariance descriptors. Information Sciences, 2018, 467, 219-237.	4.0	36
95	Assessing Different Feature Setsâ€™ Effects on Land Cover Classification in Complex Surface-Mined Landscapes by ZiYuan-3 Satellite Imagery. Remote Sensing, 2018, 10, 23.	1.8	36
96	Fine Land Cover Classification in an Open Pit Mining Area Using Optimized Support Vector Machine and WorldView-3 Imagery. Remote Sensing, 2020, 12, 82.	1.8	36
97	Performance evaluation of virtual machineâ€based Grid workflow system. Concurrency Computation Practice and Experience, 2008, 20, 1759-1771.	1.4	35
98	Formation of Non-Native Î²-Lactoglobulin during Heat-Induced Denaturation. Food Biophysics, 2011, 6, 487-496.	1.4	35
99	Recent advance in earth observation big data for hydrology. Big Earth Data, 2018, 2, 86-107.	2.0	35
100	Improved Multi-Order Distributed HOSVD with Its Incremental Computing for Smart City Services. IEEE Transactions on Sustainable Computing, 2021, 6, 456-468.	2.2	35
101	Orchestrating Big Data Analysis Workflows in the Cloud. ACM Computing Surveys, 2020, 52, 1-41.	16.1	35
102	Semi-MCNN: A Semisupervised Multi-CNN Ensemble Learning Method for Urban Land Cover Classification Using Submeter HRRS Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4973-4987.	2.3	35
103	A Survey on Active Deep Learning: From Model Driven to Data Driven. ACM Computing Surveys, 2022, 54, 1-34.	16.1	35
104	Hierarchical genetic-based grid scheduling with energy optimization. Cluster Computing, 2013, 16, 591-609.	3.5	34
105	Thermal aware workload scheduling with backfilling for green data centers. , 2009, , .		33
106	Parallel Processing of Dynamic Continuous Queries over Streaming Data Flows. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 834-846.	4.0	33
107	Nonlocal Low-Rank-Based Compressed Sensing for Remote Sensing Image Reconstruction. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1557-1561.	1.4	33
108	Game-Theoretic Market-Driven Smart Home Scheduling Considering Energy Balancing. IEEE Systems Journal, 2017, 11, 910-921.	2.9	33

#	Article	IF	Citations
109	Big Data Integration in Remote Sensing across a Distributed Metadata-Based Spatial Infrastructure. Remote Sensing, 2018, 10, 7.	1.8	33
110	Provide Virtual Machine Information for Grid Computing. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2010, 40, 1362-1374.	3.4	32
111	Facial expression recognition using geometric and appearance features. , 2012, , .		32
112	Cloud monitoring for optimizing the QoS of hosted applications. , 2012, , .		32
113	Global Synchronization Measurement of Multivariate Neural Signals with Massively Parallel Nonlinear Interdependence Analysis. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2014, 22, 33-43.	2.7	32
114	Incremental Factorization of Big Time Series Data with Blind Factor Approximation. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 569-584.	4.0	32
115	Towards building a multiâ€datacenter infrastructure for massive remote sensing image processing. Concurrency Computation Practice and Experience, 2013, 25, 1798-1812.	1.4	31
116	End-to-End Privacy for Open Big Data Markets. IEEE Cloud Computing, 2015, 2, 44-53.	5.3	31
117	A note on software tools and technologies for delivering smart media-optimized big data applications in the cloud. Computing (Vienna/New York), 2016, 98, 1-5.	3.2	31
118	Methods for Small, Weak Object Detection in Optical High-Resolution Remote Sensing Images: A survey of advances and challenges. IEEE Geoscience and Remote Sensing Magazine, 2021, 9, 8-34.	4.9	31
119	Air quality data clustering using EPLS method. Information Fusion, 2017, 36, 225-232.	11.7	30
120	Sample generation based on a supervised Wasserstein Generative Adversarial Network for high-resolution remote-sensing scene classification. Information Sciences, 2020, 539, 177-194.	4.0	30
121	GAN-Based Siamese Framework for Landslide Inventory Mapping Using Bi-Temporal Optical Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 391-395.	1.4	30
122	Hyperspectral band selection via region-aware latent features fusion based clustering. Information Fusion, 2022, 79, 162-173.	11.7	30
123	Virtual workflow system for distributed collaborative scientific applications on Grids. Computers and Electrical Engineering, 2011, 37, 300-310.	3.0	29
124	An Appraisal of Lung Nodules Automatic Classification Algorithms for CT Images. Sensors, 2019, 19, 194.	2.1	29
125	Cross-Layer Multi-Cloud Real-Time Application QoS Monitoring and Benchmarking As-a-Service Framework. IEEE Transactions on Cloud Computing, 2019, 7, 48-61.	3.1	29
126	Research on the Parallelization of the DBSCAN Clustering Algorithm for Spatial Data Mining Based on the Spark Platform. Remote Sensing, 2017, 9, 1301.	1.8	28

#	Article	IF	Citations
127	Provide Virtual Distributed Environments for Grid computing on demand. Advances in Engineering Software, 2010, 41, 213-219.	1.8	27
128	Distributed data structure templates for dataâ€intensive remote sensing applications. Concurrency Computation Practice and Experience, 2013, 25, 1784-1797.	1.4	27
129	Effect of urban expansion on atmospheric humidity in Beijing-Tianjin-Hebei urban agglomeration. Science of the Total Environment, 2021, 759, 144305.	3.9	27
130	Decomposition tree: a spatio-temporal indexing method for movement big data. Cluster Computing, 2015, 18, 1481-1492.	3.5	26
131	Map-Balance-Reduce: An improved parallel programming model for load balancing of MapReduce. Future Generation Computer Systems, 2020, 105, 993-1001.	4.9	26
132	An Augmentation Attention Mechanism for High-Spatial-Resolution Remote Sensing Image Scene Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3862-3878.	2.3	26
133	Recent Research Advances in e-Science. Cluster Computing, 2009, 12, 353-356.	3.5	25
134	Research Advances in Modern Cyberinfrastructure. New Generation Computing, 2010, 28, 111-112.	2.5	25
135	MapReduce across Distributed Clusters for Data-intensive Applications. , 2012, , .		25
136	Special issue on energy-aware computing and communications. Cluster Computing, 2013, 16, 1-1.	3.5	25
137	A scalable parallel algorithm for atmospheric general circulation models on a multi-core cluster. Future Generation Computer Systems, 2017, 72, 1-10.	4.9	25
138	An efficient online direction-preserving compression approach for trajectory streaming data. Future Generation Computer Systems, 2017, 68, 150-162.	4.9	25
139	The impact of new transportation modes on population distribution in Jing-Jin-Ji region of China. Scientific Data, 2018, 5, 170204.	2.4	25
140	Improved t-SNE based manifold dimensional reduction for remote sensing data processing. Multimedia Tools and Applications, 2019, 78, 4311-4326.	2.6	25
141	A detailed comparison of MYD11 and MYD21 land surface temperature products in mainland China. International Journal of Digital Earth, 2020, 13, 1391-1407.	1.6	25
142	Knowledge discovery from remote sensing images: A review. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2020, 10, e1371.	4.6	25
143	Remote-Sensing Image Denoising With Multi-Sourced Information. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 660-674.	2.3	24
144	Grid Virtualization Engine: Design, Implementation, and Evaluation. IEEE Systems Journal, 2009, 3, 477-488.	2.9	23

#	Article	IF	Citations
145	Towards supporting multiple virtual private computing environments on computational Grids. Advances in Engineering Software, 2009, 40, 239-245.	1.8	23
146	Estimating the Statistical Characteristics of Remote Sensing Big Data in the Wavelet Transform Domain. IEEE Transactions on Emerging Topics in Computing, 2014, 2, 324-337.	3.2	23
147	DDDAS-Based Parallel Simulation of Threat Management for Urban Water Distribution Systems. Computing in Science and Engineering, 2014, 16, 8-17.	1.2	23
148	Multimodal and Multi-Model Deep Fusion for Fine Classification of Regional Complex Landscape Areas Using ZiYuan-3 Imagery. Remote Sensing, 2019, 11, 2716.	1.8	23
149	ç§‘å¦ å§æ•°æ®ä¸Žæ•°å—åœ°çƒ. Chinese Science Bulletin, 2014, 59, 1047-1054.	0.4	23
150	Energy-Aware High Performance Computing: A Taxonomy Study. , 2011, , .		22
151	Overview of Ecohydrological Models and Systems at the Watershed Scale. IEEE Systems Journal, 2015, 9, 1091-1099.	2.9	22
152	An Infrastructure Service Recommendation System for Cloud Applications with Real-time QoS Requirement Constraints. IEEE Systems Journal, 2017, 11, 2960-2970.	2.9	22
153	Design Automation for Interwell Connectivity Estimation in Petroleum Cyber-Physical Systems. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2017, 36, 255-264.	1.9	22
154	MIASec: Enabling Data Indistinguishability Against Membership Inference Attacks in MLaaS. IEEE Transactions on Sustainable Computing, 2020, 5, 365-376.	2.2	22
155	Semantic Segmentation for Buildings of Large Intra-Class Variation in Remote Sensing Images with O-GAN. Remote Sensing, 2021, 13, 475.	1.8	22
156	Remote Sensing Data Fusion With Generative Adversarial Networks: State-of-the-art methods and future research directions. IEEE Geoscience and Remote Sensing Magazine, 2022, 10, 295-328.	4.9	22
157	Parallel compressive sampling matching pursuit algorithm for compressed sensing signal reconstruction with OpenCL. Journal of Systems Architecture, 2017, 72, 51-60.	2.5	21
158	Local Spatial Constraint and Total Variation for Hyperspectral Anomaly Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	21
159	A Comparative Study Of Data Center Network Architectures. , 2012, , .		21
160	JAGAN: A Framework for Complex Land Cover Classification Using Gaofen-5 AHSI Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1591-1603.	2.3	21
161	Nearshore Bathymetry Based on ICESat-2 and Multispectral Images: Comparison Between Sentinel-2, Landsat-8, and Testing Gaofen-2. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 2449-2462.	2.3	21
162	CLAMS: Cross-layer Multi-cloud Application Monitoring-as-a-Service Framework. , 2014, , .		20

#	Article	IF	Citations
163	Reference Information Based Remote Sensing Image Reconstruction with Generalized Nonconvex Low-Rank Approximation. Remote Sensing, 2016, 8, 499.	1.8	20
164	Remote Sensing and Social Sensing Data Fusion for Fine-Resolution Population Mapping With a Multimodel Neural Network. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 5973-5987.	2.3	20
165	L-UNet: An LSTM Network for Remote Sensing Image Change Detection. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	20
166	Recent advances in autonomic provisioning of big data applications on clouds. IEEE Transactions on Cloud Computing, 2015, 3, 101-104.	3.1	19
167	A Computing Perspective on Smart City [Guest Editorial]. IEEE Transactions on Computers, 2016, 65, 1337-1338.	2.4	19
168	A comparative study of rate monotonic schedulability tests. Journal of Supercomputing, 2012, 59, 1419-1430.	2.4	18
169	Semantic analysis and retrieval of spatial data based on the uncertain ontology model in Digital Earth. International Journal of Digital Earth, 2015, 8, 3-16.	1.6	18
170	RÂ²MRF: Defocus Blur Detection via Recurrently Refining Multi-Scale Residual Features. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 12063-12070.	3.6	18
171	SLA Management for Big Data Analytical Applications in Clouds. ACM Computing Surveys, 2021, 53, 1-40.	16.1	18
172	An Application of Markov Jump Process Model for Activity-Based Indoor Mobility Prediction in Wireless Networks. , 2011, , .		17
173	Design and implementation of task scheduling strategies for massive remote sensing data processing across multiple data centers. Software - Practice and Experience, 2014, 44, 873-886.	2.5	17
174	Cross-Layer Cloud Resource Configuration Selection in the Big Data Era. IEEE Cloud Computing, 2015, 2, 16-22.	5.3	17
175	SIPF. Transactions on Embedded Computing Systems, 2017, 16, 1-18.	2.1	17
176	Parallel Processing of Massive EEG Data with MapReduce. , 2012, , .		16
177	Massively parallel Modelling & Simulation of large crowd with GPGPU. Journal of Supercomputing, 2013, 63, 675-690.	2.4	16
178	A Multi-Level Output-Based DBN Model for Fine Classification of Complex Geo-Environments Area Using Ziyuan-3 TMS Imagery. Sensors, 2021, 21, 2089.	2.1	16
179	MLFF-GAN: A Multilevel Feature Fusion With GAN for Spatiotemporal Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	16
180	A secure information service for monitoring large scale grids. Parallel Computing, 2007, 33, 572-591.	1.3	15

#	Article	IF	Citations
181	Large scale distributed visualization on computational Grids: A review. Computers and Electrical Engineering, 2011, 37, 403-416.	3.0	15
182	Preliminary study of a cluster-based open-source parallel GIS based on the GRASS GIS. International Journal of Digital Earth, 2011, 4, 402-420.	1.6	15
183	Geographic spatiotemporal big data correlation analysis via the Hilbertâ€“Huang transformation. Journal of Computer and System Sciences, 2017, 89, 130-141.	0.9	15
184	Distributed Fusion of Heterogeneous Remote Sensing and Social Media Data: A Review and New Developments. Proceedings of the IEEE, 2021, 109, 1350-1363.	16.4	15
185	GreenIT Service Level Agreements. , 2010, , 77-88.		15
186	Large-Area Land-Cover Changes Monitoring With Time-Series Remote Sensing Images Using Transferable Deep Models. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	15
187	Virtual Data System on distributed virtual machines in computational grids. International Journal of Ad Hoc and Ubiquitous Computing, 2010, 6, 194.	0.3	14
188	GPU-Based Parallel Design of the Hyperspectral Signal Subspace Identification by Minimum Error (HySime). IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 4400-4406.	2.3	14
189	Privacy-Knowledge Modeling for the Internet of Things: A Look Back. Computer, 2016, 49, 60-68.	1.2	14
190	Sparse representation-based correlation analysis of non-stationary spatiotemporal big data. International Journal of Digital Earth, 2016, 9, 892-913.	1.6	14
191	Metrics for BPEL Process Reusability Analysis in a Workflow System. IEEE Systems Journal, 2016, 10, 36-45.	2.9	14
192	Rolling Guidance Based Scale-Aware Spatial Sparse Unmixing for Hyperspectral Remote Sensing Imagery. Remote Sensing, 2017, 9, 1218.	1.8	14
193	The BIM-enabled geotechnical information management of a construction project. Computing (Vienna/New York), 2018, 100, 47-63.	3.2	14
194	A parallel self-organizing overlapping community detection algorithm based on swarm intelligence for large scale complex networks. Future Generation Computer Systems, 2018, 89, 265-285.	4.9	14
195	Attention based Residual Network for High-Resolution Remote Sensing Imagery Scene Classification. , 2019, , .		14
196	Effective IoT-Facilitated Storm Surge Flood Modeling Based on Deep Reinforcement Learning. IEEE Internet of Things Journal, 2020, 7, 6338-6347.	5.5	14
197	Implementation and performance evaluation of the parallel CORBA application on computational grids. Advances in Engineering Software, 2008, 39, 211-218.	1.8	13
198	Schedule Distributed Virtual Machines in a Service Oriented Environment. , 2010, , .		13

#	Article	IF	Citations
199	Generic Parallel Programming for Massive Remote Sensing Data Processing. , 2012, , .		13
200	Fuzzy cloud service selection framework. , 2014, , .		13
201	A general metric and parallel framework for adaptive image fusion in clusters. Concurrency Computation Practice and Experience, 2014, 26, 1375-1387.	1.4	13
202	Advances in Methods and Techniques for Processing Streaming Big Data in Datacentre Clouds. IEEE Transactions on Emerging Topics in Computing, 2016, 4, 262-265.	3.2	13
203	STGIï¼¼ša spatio-temporal grid index model for marine big data. Big Earth Data, 2020, 4, 435-450.	2.0	13
204	An Analysis of the Work Resumption in China under the COVID-19 Epidemic Based on Night Time Lights Data. ISPRS International Journal of Geo-Information, 2021, 10, 614.	1.4	13
205	Classification of Urban Functional Areas From Remote Sensing Images and Time-Series User Behavior Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 1207-1221.	2.3	13
206	Feature-Based Constraint Deep CNN Method for Mapping Rainfall-Induced Landslides in Remote Regions With Mountainous Terrain: An Application to Brazil. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 2644-2659.	2.3	13
207	Geological Remote Sensing Interpretation Using Deep Learning Feature and an Adaptive Multisource Data Fusion Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	13
208	Experiment and Workflow Management Using Cyberaide Shell. , 2009, , .		12
209	Towards Modeling Large-Scale Data Flows in a Multidatacenter Computing System With Petri Net. IEEE Systems Journal, 2015, 9, 416-426.	2.9	12
210	Spatiotemporal dataset on Chinese population distribution and its driving factors from 1949 to 2013. Scientific Data, 2016, 3, 160047.	2.4	12
211	Compressed sensing based remote sensing image reconstruction via employing similarities of reference images. Multimedia Tools and Applications, 2016, 75, 12201-12225.	2.6	12
212	Stochastic Workload Scheduling for Uncoordinated Datacenter Clouds with Multiple QoS Constraints. IEEE Transactions on Cloud Computing, 2020, 8, 1284-1295.	3.1	12
213	Data exchange facilitated. Nature Geoscience, 2011, 4, 814-814.	5.4	11
214	A Web 2.0â€based science gateway for massive remote sensing image processing. Concurrency Computation Practice and Experience, 2015, 27, 2489-2501.	1.4	11
215	Dimensions for Evaluating Cloud Resource Orchestration Frameworks. Computer, 2016, 49, 24-33.	1.2	11
216	Least Angle Regression-Based Constrained Sparse Unmixing of Hyperspectral Remote Sensing Imagery. Remote Sensing, 2018, 10, 1546.	1.8	11

#	Article	IF	Citations
217	Joint Local Block Grouping with Noise-Adjusted Principal Component Analysis for Hyperspectral Remote-Sensing Imagery Sparse Unmixing. Remote Sensing, 2019, 11, 1223.	1.8	11
218	Progressive Domain Adaptation for Change Detection Using Season-Varying Remote Sensing Images. Remote Sensing, 2020, 12, 3815.	1.8	11
219	Downward Continuation and Transformation of Totalâ€Field Magnetic Anomalies Into Magnetic Gradient Tensors Between Arbitrary Surfaces Using Multilayer Equivalent Sources. Geophysical Research Letters, 2020, 47, e2020GL088678.	1.5	11
220	Software Design and Implementation for MapReduce across Distributed Data Centers. Applied Mathematics and Information Sciences, 2013, 7, 85-90.	0.7	11
221	Multicores in Cloud Computing: Research Challenges for Applications. Journal of Computers, 2010, 5, .	0.4	11
222	A Weakly Pseudo-Supervised Decorrelated Subdomain Adaptation Framework for Cross-Domain Land-Use Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	11
223	Understanding the Impact of Urban Expansion and Lake Shrinkage on Summer Climate and Human Thermal Comfort in a Landâ€Water Mosaic Area. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	11
224	A Dynamic Remote Sensing Data-Driven Approach for Oil Spill Simulation in the Sea. Remote Sensing, 2015, 7, 7105-7125.	1.8	10
225	An Efficient Indexing Approach for Continuous Spatial Approximate Keyword Queries over Geo-Textual Streaming Data. ISPRS International Journal of Geo-Information, 2019, 8, 57.	1.4	10
226	Identification of Hydrothermal Alteration Minerals for Exploring Gold Deposits Based on SVM and PCA Using ASTER Data: A Case Study of Gulong. Remote Sensing, 2019, 11, 3003.	1.8	10
227	Land-Cover Classification With Time-Series Remote Sensing Images by Complete Extraction of Multiscale Timing Dependence. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1953-1967.	2.3	10
228	Power Aware Scheduling for Parallel Tasks via Task Clustering. , 2010, , .		9
229	Green computing and communications. Journal of Supercomputing, 2013, 63, 637-638.	2.4	9
230	Full Tensor Eigenvector Analysis on Air-Borne Magnetic Gradiometer Data for the Detection of Dipole-Like Magnetic Sources. Sensors, 2017, 17, 1976.	2.1	9
231	Cloud removal for hyperspectral remotely sensed images based on hyperspectral information fusion. International Journal of Remote Sensing, 2018, 39, 6646-6656.	1.3	9
232	Adaptive Spatial-Scale-Aware Deep Convolutional Neural Network for High-Resolution Remote Sensing Imagery Scene Classification. , 2018, , .		9
233	Improving Training Instance Quality in Aerial Image Object Detection With a Sampling-Balance-Based Multistage Network. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 10575-10589.	2.7	9
234	Analyzing Antarctic ice sheet snowmelt with dynamic Big Earth Data. International Journal of Digital Earth, 2021, 14, 88-105.	1.6	9

#	Article	IF	Citations
235	Resource co-allocation for parallel tasks in computational grids. , 2003, , .		8
236	Real-Time QoS Monitoring for Cloud-Based Big Data Analytics Applications in Mobile Environments. , 2014, , .		8
237	Associative retrieval in spatial big data based on spreading activation with semantic ontology. Future Generation Computer Systems, 2017, 76, 499-509.	4.9	8
238	Offshore oil spill monitoring and detection: Improving risk management for offshore petroleum cyber-physical systems: (Invited paper). , 2017, , .		8
239	Ant Lion Optimizer for Texture Classification: A Moving Convolutional Mask. IEEE Access, 2019, 7, 61697-61705.	2.6	8
240	Geographic Optimal Transport for Heterogeneous Data: Fusing Remote Sensing and Social Media. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6935-6945.	2.7	8
241	Fractal Characteristic Analysis of Urban Land-Cover Spatial Patterns with Spatiotemporal Remote Sensing Images in Shenzhen City (1988â€“2015). Remote Sensing, 2021, 13, 4640.	1.8	8
242	Inter-Comparison of Four Models for Detecting Forest Fire Disturbance from MOD13A2 Time Series. Remote Sensing, 2022, 14, 1446.	1.8	8
243	Alteration information extraction using improved relative absorption band-depth images, from HJ-1A HSI data: a case study in Xinjiang Hatu gold ore district. International Journal of Remote Sensing, 2014, 35, 6728-6741.	1.3	7
244	G-IK-SVD: parallel IK-SVD on GPUs for sparse representation of spatial big data. Journal of Supercomputing, 2017, 73, 3433-3450.	2.4	7
245	Fields of Experts Based Multichannel Compressed Sensing. Journal of Signal Processing Systems, 2017, 86, 111-121.	1.4	7
246	A data-check based distributed storage model for storing hot temporary data. Future Generation Computer Systems, 2017, 73, 13-21.	4.9	7
247	Direct tangible damage assessment for regional snowmelt flood disasters with HJ-1 and HR satellite images: a case study of the Altay region, northern Xinjiang, China. Natural Hazards, 2018, 94, 1099-1116.	1.6	7
248	Content-Invariant Dual Learning for Change Detection in Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	7
249	Learned Local Features for Structure From Motion of UAV Images: A Comparative Evaluation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 10583-10597.	2.3	7
250	Urban informal settlements classification via a transformer-based spatial-temporal fusion network using multimodal remote sensing and time-series human activity data. International Journal of Applied Earth Observation and Geoinformation, 2022, 111, 102831.	0.9	7
251	A prototype of distributed molecular visualization on computational grids. Future Generation Computer Systems, 2004, 20, 727-737.	4.9	6
252	Building Similar Link Network in Large-Scale Web Resources. , 2010, , .		6

#	Article	IF	Citations
253	eMOLST: a documentation flow for distributed health informatics. Concurrency Computation Practice and Experience, 2011, 23, 1857-1867.	1.4	6
254	From the area to the point-study on the key technology of 3D geological hazard modeling in Three Gorges Reservoir area. Journal of Earth Science (Wuhan, China), 2012, 23, 199-206.	1.1	6
255	Cloud Computing for VLSI Floorplanning Considering Peak Temperature Reduction. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 534-543.	3.2	6
256	DUK-SVD: dynamic dictionary updating for sparse representation of a long-time remote sensing image sequence. Soft Computing, 2018, 22, 3331-3342.	2.1	6
257	Coastal Land Cover Classification of High-Resolution Remote Sensing Images Using Attention-Driven Context Encoding Network. Sensors, 2020, 20, 7032.	2.1	6
258	Spectral-Spatial Classification Integrating Band Selection for Hyperspectral Imagery With Severe Noise Bands. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 1597-1609.	2.3	6
259	An Efficient Organization Method for Large-Scale and Long Time-Series Remote Sensing Data in a Cloud Computing Environment. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 9350-9363.	2.3	6
260	GAN-Based LUCC Prediction via the Combination of Prior City Planning Information and Land-Use Probability. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 10189-10198.	2.3	6
261	Task Scheduling of Massive Spatial Data Processing across Distributed Data Centers: What's New?. , 2011, , .		5
262	A Performance Study of Virtual Machines on Multicore Architectures. , 2012, , .		5
263	Review of Digital Watermarking for 2D-Vector Map. , 2013, , .		5
264	Suitability Evaluation for Products Generation from Multisource Remote Sensing Data. Remote Sensing, 2016, 8, 995.	1.8	5
265	The Work Flow and Operational Model for Geotechnical Investigation Based on BIM. IEEE Access, 2016, , 1-1.	2.6	5
266	Towards Building a Distributed Data Management Architecture to Integrate Multi-Sources Remote Sensing Big Data. , 2018, , .		5
267	Remote Sensing Time Series Classification Based on Self-Attention Mechanism and Time Sequence Enhancement. Remote Sensing, 2021, 13, 1804.	1.8	5
268	Improved 1-km-Resolution Hourly Estimates of Aerosol Optical Depth Using Conditional Generative Adversarial Networks. Remote Sensing, 2021, 13, 3834.	1.8	5
269	Stewardship and analysis of big Earth observation data. Big Earth Data, 2020, 4, 349-352.	2.0	5
270	A Checkpoint Based Message Forwarding Approach For Opportunistic Communication. , 2012, , .		5

#	Article	IF	Citations
271	Ensemble model with cascade attention mechanism for high-resolution remote sensing image scene classification. Optics Express, 2020, 28, 22358.	1.7	5
272	Urban Functional Zone Mapping With a Bibranch Neural Network via Fusing Remote Sensing and Social Sensing Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 11737-11749.	2.3	5
273	Water Body Super-Resolution Mapping Based on Multiple Endmember Spectral Mixture Analysis and Multiscale Spatio-Temporal Dependence. Remote Sensing, 2022, 14, 2050.	1.8	5
274	Remote Sensing Image Interpretation With Semantic Graph-Based Methods: A Survey. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4544-4558.	2.3	5
275	Semi-supervised semantic segmentation framework with pseudo supervisions for land-use/land-cover mapping in coastal areas. International Journal of Applied Earth Observation and Geoinformation, 2022, 112, 102881.	0.9	5
276	On the Design of Virtual Environment Based Workflow System for Grid Computing. , 2006, , .		4
277	On-demand service hosting on production grid infrastructures. Journal of Supercomputing, 2013, 66, 1178-1193.	2.4	4
278	Cross-Layer SLA Management for Cloud-hosted Big Data Analytics Applications. , 2015, , .		4
279	Secure authentication in motion: A novel online payment framework for drive-thru Internet. Future Generation Computer Systems, 2017, 76, 146-158.	4.9	4
280	Research on Synchronization Technology of Geological Data Acquisition System Based on NFC and Mobile Internet. Journal of Circuits, Systems and Computers, 2018, 27, 1850225.	1.0	4
281	BaPa: A Novel Approach of Improving Load Balance in Parallel Matrix Factorization for Recommender Systems. IEEE Transactions on Computers, 2021, 70, 789-802.	2.4	4
282	Class-Aware Domain Adaptation for Coastal Land Cover Mapping Using Optical Remote Sensing Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 11800-11813.	2.3	4
283	Towards Providing Cloud Functionalities for Grid Users. , 2011, , .		3
284	Trusted Performance Analysis on Systems With a Shared Memory. IEEE Systems Journal, 2017, 11, 272-282.	2.9	3
285	G-ML-Octree: An Update-Efficient Index Structure for Simulating 3D Moving Objects Across GPUs. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 1075-1088.	4.0	3
286	Low-latitude reduction-to-the-pole and upward continuation between arbitrary surfaces based on the partial differential equation framework. Geophysical Journal International, 2021, 226, 968-983.	1.0	3
287	A Study of Diffusion Equation-Based Land-Use/Land-Cover Change Simulation. ISPRS International Journal of Geo-Information, 2021, 10, 383.	1.4	3
288	A High-Performance Spatial Range Query-Based Data Discovery Method on Massive Remote Sensing Data via Adaptive Geographic Meshing and Coding. IEEE Journal on Miniaturization for Air and Space Systems, 2021, 2, 117-128.	1.9	3

#	Article	IF	Citations
289	Efficient IoT Data Management for Geological Disasters Based on Big Data-Turbocharged Data Lake Architecture. ISPRS International Journal of Geo-Information, 2021, 10, 743.	1.4	3
290	Spatial-Keyword Skyline Publish/Subscribe Query Processing Over Distributed Sliding Window Streaming Data. IEEE Transactions on Computers, 2022, 71, 2659-2674.	2.4	3
291	On-Demand Build a Virtual e-Science Workflow. , 2008, , .		2
292	Cyberaide Creative: On-Demand Cyberinfrastructure Provision in Clouds. , 2009, , .		2
293	Cyberaide Virtual Applicance: On-Demand Deploying Middleware for Cyberinfrastructure. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 132-144.	0.2	2
294	Enabling Energy-Efficient Analysis of Massive Neural Signals Using GPGPU. , 2010, , .		2
295	A Methodology for Building Cloud Services. , 2012, , .		2
296	Application of DDDAS in marine oil spill management: A new framework combining multiple source remote sensing monitoring and simulation as a symbiotic feedback control system. , 2013, , .		2
297	A Conceptual Framework for the Automated Generalization of Geological Maps Based on Multiple Agents and Workflow. IEEE Access, 2016, , 1-1.	2.6	2
298	On the Communication Variability Analysis of the NeCTAR Research Cloud System. IEEE Systems Journal, 2018, 12, 1506-1517.	2.9	2
299	Evapotranspiration partitioning using an optimality-based ecohydrological model in a semiarid shrubland. International Journal of Digital Earth, 2019, 12, 1423-1440.	1.6	2
300	Optimizing FHEW With Heterogeneous High-Performance Computing. IEEE Transactions on Industrial Informatics, 2020, 16, 5335-5344.	7.2	2
301	Editorial for the special issue on big time series data. Computing (Vienna/New York), 2020, 102, 741-743.	3.2	2
302	An Advanced Learning Environment Aided by Recognition of Multi-modal Social Signals. Lecture Notes in Computer Science, 2010, , 41-51.	1.0	2
303	Genetic-Based Solutions For Independent Batch Scheduling In Data Grids. , 2013, , .		2
304	3â€Ð Magnetic Unstructured Inversion. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022668.	1.4	2
305	A Toolchain For Profiling Virtual Machines. , 2013, , .		2
306	Bayesian Temporal Tensor Factorization-Based Interpolation for Time-Series Remote Sensing Data With Large-Area Missing Observations. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	2

#	Article	IF	Citations
307	Fractal Characteristics and Evolution of Urban Land-Use: A Case Study in the Shenzhen City (1988â€“2015). , 2020, , .		2
308	Organization of CMS benchmarks in VDS Workflow on Virtual Machines. , 2007, , .		1
309	Studying Filter Cache Bypassing on Embedded Systems. , 2010, , .		1
310	NOHAA: A NOvel Framework for HPC Analytics over Windows Azure. , 2012, , .		1
311	Using Traditional Data Analysis Algorithms to Detect Access Patterns for Massive Data Processing. , 2013, , .		1
312	Spatial Analysis on Future Housing Markets: Economic Development and Housing Implications. Scientific World Journal, The, 2014, 2014, 1-8.	0.8	1
313	Variation-Aware Layer Assignment With Hierarchical Stochastic Optimization on a Multicore Platform. IEEE Transactions on Emerging Topics in Computing, 2014, 2, 488-500.	3.2	1
314	From Ubiquitous Sensing to Cloud Computing: Technologies and Applications. International Journal of Distributed Sensor Networks, 2014, 10, 252439.	1.3	1
315	Spatiotemporal resolution enhancement via compressed sensing. , 2014, , .		1
316	Towards an Efficient Multi-way Factorization of Multi-dimensional Big Data across a GPU Cluster. , 2015, , .		1
317	A research on terrestrial water storage variations with grace satellite data in the Jing-Jin-Ji region. , 2016, , .		1
318	Sparse presentation based blind remote sensing image deconvolution with priors of reference images. , 2016, , .		1
319	An implementation of distributed and HTTP-based geological petroleum data web service with RESTful architecture. Geosystem Engineering, 2017, 20, 337-347.	0.7	1
320	Software systems for data-centric smart city applications. Software - Practice and Experience, 2017, 47, 1043.	2.5	1
321	An Indexing Approach for Efficient Supporting of Continuous Spatial Approximate Keyword Queries. , 2018, , .		1
322	Task Scheduling Methods of Marine Normal Observation Based on DE Algorithm. , 2018, , .		1
323	Local Block Grouping with Napca Spatial Preprocessing for Hyperspectral Remote Sensing Imagery Sparse Unmixing. , 2019, , .		1
324	Distributed processing and visualization of MEG data. , 2002, , .		1

#	Article	IF	Citations
325	Information Service of Virtual Machine Pool for Grid Computing. Lecture Notes in Computer Science, 2008, , 174-184.	1.0	1
326	CAISOV: Collinear Affine Invariance and Scale-Orientation Voting for Reliable Feature Matching. Remote Sensing, 2022, 14, 3175.	1.8	1
327	DPBP: a sort-first parallel rendering algorithm for distributed rendering environments. , 0, , .		0
328	Cyberaide onServe: Software as a Service on Production Grids. , 2010, , .		0
329	A Massively Parallel Approach for Nonlinear Interdependency Analysis of Multivariate Signals with GPGPU. , 2012, , .		0
330	A Simulation Study on Urban Water Threat Detection in Modern Cyberinfrastructures. , 2012, , .		0
331	The path to openness: letter from the editors. Journal of Internet Services and Applications, 2012, 3, 243-244.	1.6	0
332	Dictionary learning for large-scale remote sensing image based on particle swarm optimization. , 2014, , .		0
333	The correlation analysis of NDVI products based on sparse representation. , 2014, , .		0
334	Sparse representation for remote sensing images of long time sequences. , 2014, , .		0
335	Compressed sensing based remote sensing image reconstruction using an auxiliary image as priors. , 2014, , .		0
336	Special issue on Big Data and Cloud of Things (CoT). Software - Practice and Experience, 2017, 47, 345-347.	2.5	0
337	Big Data Analysis of Remote Sensing Monitoring of Land Cover in Wuhan City from 2000 to 2017. , 2019, , .		0
338	Matching Subscription Over Geo-textual Streams from IoT via Social-Aware Clustering and Apache Flink. Journal of Circuits, Systems and Computers, 0, , 2150295.	1.0	0
339	Multi-Level Strategy-Based Spatial Information Prediction for Spatiotemporal Remote Sensing Imagery Fusion. , 2020, , .		0
340	An adaptive geographic meshing and coding method for remote sensing data. IOP Conference Series: Earth and Environmental Science, 2022, 1004, 012006.	0.2	0