Aijun Chen

List of Publications by Year
in descending order

21 papers	**341** citations	933447 **10** h-index	1199594 **12** g-index
21 all docs	**21** docs citations	**21** times ranked	**329** citing authors

#	Article	IF	Citations
1	Visualization of A-Train vertical profiles using Google Earth. Computers and Geosciences, 2009, 35, 419-427.	4.2	51
2	Towards a Geospatial Catalogue Federation Service. Photogrammetric Engineering and Remote Sensing, 2007, 73, 699-708.	0.6	38
3	Use of grid computing for modeling virtual geospatial products. International Journal of Geographical Information Science, 2009, 23, 581-604.	4.8	35
4	Rapid building detection using machine learning. Applied Intelligence, 2016, 45, 443-457.	5.3	33
5	The development of a geospatial data Grid by integrating OGC Web services with Globus-based Grid technology. Concurrency Computation Practice and Experience, 2008, 20, 1617-1635.	2.2	27
6	Access, Visualization, and Interoperability of Air Quality Remote Sensing Data Sets via the Giovanni Online Tool. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2010, 3, 359-370.	4.9	26
7	Transformation of HDF-EOS metadata from the ECS model to ISO 19115-based XML. Computers and Geosciences, 2007, 33, 238-247.	4.2	22
8	Automation of Customized and Near-Real-Time Vegetation Condition Index Generation Through Cyberinfrastructure-Based Geoprocessing Workflows. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4512-4522.	4.9	20
9	Cloud- and Agent-Based Geospatial Service Chain: A Case Study of Submerged Crops Analysis During Flooding of the Yangtze River Basin. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 1359-1370.	4.9	18
10	An Optimized Grid-Based, OGC Standards-Compliant Collaborative Software System for Serving NASA Geospatial Data. , 2006, , .		16
11	GEOSS Component and Service Registry: Design, Implementation and Lessons Learned. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 1678-1686.	4.9	16
12	Grid metadata catalog service-based OGC web registry service. , 2004, , .		15
13	Grid computing enhances standards-compatible geospatial catalogue service. Computers and Geosciences, 2010, 36, 411-421.	4.2	10
14	Augmenting the Research Value of Geospatial Data using Google Earth. Journal of the Virtual Explorer, 0, 29, .	0.0	6
15	The use of geospatial workflows to support automatic detection of complex geospatial features from high resolution images. , 2013, , .		5
16	Visualization of NASA campaign mission vertical profiles using Google Earth. , 2009, , .		2
17	Visualization of and Access to CloudSat Vertical Data through Google Earth. Nature Precedings, 2007, , .	0.1	1
18	Grid, Geospatial. , 2008, , 419-424.		0

#	Article	IF	Citations
19	Geospatial catalogue web/grid service. , 2011, , 369-379.		0
20	Grid, Geospatial. , 2016, , 1-7.		0
21	Grid, Geospatial. , 2017, , 829-834.		0