

# Aijun Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10769043/publications.pdf>

Version: 2024-02-01

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  | Grid, Geospatial. , 2017, , 829-834.   |     | 0         |
| 2  | Rapid building detection using machine learning. Applied Intelligence, 2016, 45, 443-457.  | 5.3 | 33        |
| 3  | Grid, Geospatial. , 2016, , 1-7.   |     | 0         |
| 4  | 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        |
| 5  | 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        |
| 6  | The use of geospatial workflows to support automatic detection of complex geospatial features from high resolution images. , 2013, , .   |     | 5         |
| 7  | 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        |
| 8  | Geospatial catalogue web/grid service. , 2011, , 369-379.  |     | 0         |
| 9  | 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        |
| 10 | Grid computing enhances standards-compatible geospatial catalogue service. Computers and Geosciences, 2010, 36, 411-421.   | 4.2 | 10        |
| 11 | Use of grid computing for modeling virtual geospatial products. International Journal of Geographical Information Science, 2009, 23, 581-604.  | 4.8 | 35        |
| 12 | Visualization of A-Train vertical profiles using Google Earth. Computers and Geosciences, 2009, 35, 419-427.   | 4.2 | 51        |
| 13 | Visualization of NASA campaign mission vertical profiles using Google Earth. , 2009, , .   |     | 2         |
| 14 | 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        |
| 15 | Grid, Geospatial. , 2008, , 419-424.   |     | 0         |
| 16 | Towards a Geospatial Catalogue Federation Service. Photogrammetric Engineering and Remote Sensing, 2007, 73, 699-708.  | 0.6 | 38        |
| 17 | Visualization of and Access to CloudSat Vertical Data through Google Earth. Nature Precedings, 2007, , .   | 0.1 | 1         |
| 18 | Transformation of HDF-EOS metadata from the ECS model to ISO 19115-based XML. Computers and Geosciences, 2007, 33, 238-247.  | 4.2 | 22        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | An Optimized Grid-Based, OGC Standards-Compliant Collaborative Software System for Serving NASA Geospatial Data. , 2006, , . |     | 16        |
| 20 | Grid metadata catalog service-based OGC web registry service. , 2004, , .  |     | 15        |
| 21 | Augmenting the Research Value of Geospatial Data using Google Earth. Journal of the Virtual Explorer, 0, 29, .               | 0.0 | 6         |