Tian Zhao

List of Publications by Year
in descending order

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30 papers	526 citations	759233 12 h-index	713466 21 g-index
31 all docs	31 docs citations	31 times ranked	417 citing authors

#	Article	IF	Citations
1	Deep Q learning-based traffic signal control algorithms: Model development and evaluation with field data. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2023, 27, 314-334.	4.2	9
2	A Review of Application of Machine Learning in Design, Synthesis, and Characterization of Metal Matrix Composites: Current Status and Emerging Applications. Jom, 2021, 73, 2060-2074.	1.9	24
3	Improving geospatial query performance of an interoperable geographic situationâ€awareness system for disaster response. Transactions in GIS, 2020, 24, 508-525.	2.3	0
4	Semantic Segmentation of Urban Buildings from VHR Remote Sensing Imagery Using a Deep Convolutional Neural Network. Remote Sensing, 2019, 11, 1774.	4.0	146
5	Parallel computing solutions for Markov chain spatial sequential simulation of categorical fields. International Journal of Digital Earth, 2019, 12, 566-582.	3.9	4
6	Adaptive and Optimized RDF Query Interface for Distributed WFS Data. ISPRS International Journal of Geo-Information, 2017, 6, 108.	2.9	3
7	Arrows in Commercial Web Applications. , 2016, , .		0
8	Towards an interoperable online volunteered geographic information system for disaster response. Journal of Spatial Science, 2015, 60, 257-275.	1.5	8
9	Volunteered Geographic Information (VGI) systems and their interactions with Geospatial Semantic Web. , 2015, , 117-136.		0
10	Current and Future Challenges of Geospatial Semantic Web. , 2015, , 167-189.		1
11	Geospatial Semantic Web. , 2015, , .		12
12	A parallel approach for improving Geo-SPARQL query performance. International Journal of Digital Earth, 2015, 8, 383-402.	3.9	12
13	A Map-Reduce based parallel approach for improving query performance in a geospatial semantic web for disaster response. Earth Science Informatics, 2015, 8, 499-509.	3.2	8
14	Ontology languages and Geospatial Semantic Web. , 2015, , 57-88.		0
15	Conceptual Frameworks of Geospatial Semantic Web. , 2015, , 35-56.		3
16	Ontology Data Query in Geospatial Semantic Web. , 2015, , 89-115.		0
17	PIR. International Journal of Multimedia Data Engineering and Management, 2014, 5, 1-27.	0.4	1
18	Geospatial Semantic Web Services. Advances in Geospatial Technologies Book Series, 2011, , 169-188.	0.2	1

#	Article	IF	Citations
19	The framework of a geospatial semantic web-based spatial decision support system for Digital Earth. International Journal of Digital Earth, 2010, 3, 111-134.	3.9	37
20	Towards logic-based geospatial feature discovery and integration using web feature service and geospatial semantic web. International Journal of Geographical Information Science, 2010, 24, 903-923.	4.8	44
21	Automatic search of geospatial features for disaster and emergency management. International Journal of Applied Earth Observation and Geoinformation, 2010, 12, 409-418.	2.8	48
22	Implicit ownership types for memory management. Science of Computer Programming, 2008, 71, 213-241.	1.9	19
23	Ontology-Based Geospatial Data Query and Integration. Lecture Notes in Computer Science, 2008, , 370-392.	1.3	43
24	Transformation of Transportation Data Models from Unified Modeling Language to Web Ontology Language. Transportation Research Record, 2008, 2064, 81-89.	1.9	9
25	Efficient Type Matching. , 2008, , 229-246.		0
26	Scoped types and aspects for real-time Java memory management. Real-Time Systems, 2007, 37, 1-44.	1.3	21
27	Type-based confinement. Journal of Functional Programming, 2006, 16, 83-128.	0.8	22
28	Scoped Types and Aspects for Real-Time Java. Lecture Notes in Computer Science, 2006, , 124-147.	1.3	29
29	Efficient Type Matching. Lecture Notes in Computer Science, 2002, , 187-204.	1.3	10
30	Efficient and Flexible Matching of Recursive Types. Information and Computation, 2001, 171, 364-387.	0.7	12