

# Luyi Bai

## List of Publications by Year in descending order

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34  
papers

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citations

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1125743

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34  
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34  
docs citations

34  
times ranked

123  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determining topological relationship of fuzzy spatiotemporal data integrated with XML twig pattern. Applied Intelligence, 2013, 39, 75-100.	5.3	33
2	Querying fuzzy spatiotemporal data using XQuery. Integrated Computer-Aided Engineering, 2014, 21, 147-162.	4.6	24
3	Fuzzy Spatiotemporal Data Modeling and Operations in XML. Applied Artificial Intelligence, 2015, 29, 259-282.	3.2	17
4	A review of fusion methods of multi-spectral image. Optik, 2015, 126, 4804-4807.	2.9	15
5	Consistencies of fuzzy spatiotemporal data in XML documents. Fuzzy Sets and Systems, 2018, 343, 97-125.	2.7	12
6	Fuzzy Spatiotemporal Data Modeling Based on UML. IEEE Access, 2019, 7, 45405-45416.	4.2	11
7	TPmod: A Tendency-Guided Prediction Model for Temporal Knowledge Graph Completion. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-17.	3.5	11
8	Fixing inconsistencies of fuzzy spatiotemporal XML data. Applied Intelligence, 2017, 47, 257-275.	5.3	8
9	Uncertain spatiotemporal data modeling and algebraic operations based on XML. Earth Science Informatics, 2018, 11, 109-127.	3.2	8
10	ProjFE: Prediction of fuzzy entity and relation for knowledge graph completion. Applied Soft Computing Journal, 2019, 81, 105525.	7.2	8
11	Quantitative assessment of facial paralysis using infrared thermal imaging. , 2015, , .		7
12	Spatiotemporal operations on spatiotemporal XML data using XQuery. , 2016, , .		7
13	FSPTwigFast: Holistic twig query on fuzzy spatiotemporal XML data. Applied Intelligence, 2017, 47, 1224-1239.	5.3	7
14	Interpolation and Prediction of Spatiotemporal Data Based on XML Integrated with Grey Dynamic Model. ISPRS International Journal of Geo-Information, 2017, 6, 113.	2.9	7
15	Performance Analysis and Optimization for Cognitive Radio Networks with Classified Secondary Users and Impatient Packets. Mobile Information Systems, 2017, 2017, 1-8.	0.6	6
16	Determining topological relations of uncertain spatiotemporal data based on counter-clock-wisely directed triangle. Applied Intelligence, 2018, 48, 2527-2545.	5.3	6
17	An Algebra for Fuzzy Spatiotemporal Data in XML. IEEE Access, 2019, 7, 22914-22926.	4.2	6
18	Adaptive query relaxation and result categorization of fuzzy spatiotemporal data based on XML. Expert Systems With Applications, 2021, 168, 114222.	7.6	6

#	ARTICLE	IF	CITATIONS
19	Transforming Fuzzy Spatiotemporal Data From Relational Databases to XML. IEEE Access, 2018, 6, 4176-4185.	4.2	5
20	stRDFS: Spatiotemporal Knowledge Graph Modeling. IEEE Access, 2020, 8, 129043-129057.	4.2	5
21	Prediction of Enterprise Free Cash Flow Based on a Backpropagation Neural Network Model of the Improved Genetic Algorithm. Information (Switzerland), 2022, 13, 172.	2.9	5
22	Determining Topological Relations of Fuzzy Spatiotemporal Regions Over Time in XML. IEEE Access, 2018, 6, 65620-65634.	4.2	4
23	Adaptive query relaxation and top-k result sorting of fuzzy spatiotemporal data based on XML. International Journal of Intelligent Systems, 2022, 37, 2502-2520.	5.7	4
24	Incorporating fuzziness in spatiotemporal XML and transforming fuzzy spatiotemporal data from XML to relational databases. Applied Intelligence, 2015, 43, 707-721.	5.3	3
25	Optimization of Access Threshold for Cognitive Radio Networks with Prioritized Secondary Users. Mobile Information Systems, 2016, 2016, 1-8.	0.6	3
26	Transformation of fuzzy spatiotemporal data from XML to object-oriented database. Earth Science Informatics, 2018, 11, 449-461.	3.2	3
27	A spatiotemporal data model and marking dictionaries for sea surface meteorological data in XML. , 2016, , .		2
28	Reengineering Object-Oriented Fuzzy Spatiotemporal Data into XML. IEEE Access, 2018, 6, 12686-12699.	4.2	2
29	Modeling Fuzzy Spatiotemporal Data with XML. Studies in Computational Intelligence, 2020, , .	0.9	2
30	The Influence of Network Public Opinion on Audit Credibility: A Dynamic Rumor Propagation Model Based on User Weight. Information (Switzerland), 2022, 13, 90.	2.9	2
31	Modeling topological relations between fuzzy spatiotemporal regions over time. , 2012, , .		0
32	Formal transforming approach of spatiotemporal data from XML to object-oriented database. , 2017, , .		0
33	An Approach for Predicting Uncertain Spatiotemporal XML Data Integrated With Grey Dynamic Model. IEEE Access, 2018, 6, 46801-46825.	4.2	0
34	Querying Spatiotemporal Data Based on XML Twig Pattern. Journal of Software, 2016, 11, 1199-1206.	0.6	0