

Jixue Liu

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

1,289
citations

430874

18
h-index

414414

32
g-index

103
all docs

103
docs citations

103
times ranked

884
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong functional dependencies and their application to normal forms in XML. ACM Transactions on Database Systems, 2004, 29, 445-462.	2.8	192
2	An improvement of symbolic aggregate approximation distance measure for time series. Neurocomputing, 2014, 138, 189-198.	5.9	108
3	Discover Dependencies from Data—A Review. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 251-264.	5.7	103
4	Using causal discovery for feature selection in multivariate numerical time series. Machine Learning, 2015, 101, 377-395.	5.4	62
5	Causal Decision Trees. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 257-271.	5.7	40
6	Information based data anonymization for classification utility. Data and Knowledge Engineering, 2011, 70, 1030-1045.	3.4	34
7	Functional Dependencies for XML. Lecture Notes in Computer Science, 2003, , 22-34.	1.3	34
8	Constraint Preserving Transformation from Relational Schema to XML Schema. World Wide Web, 2006, 9, 93-110.	4.0	32
9	Mining Causal Association Rules. , 2013, , .		32
10	Multivalued Dependencies and a 4NF for XML. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2003, , 14-29.	0.3	27
11	A Redundancy Free 4NF for XML. Lecture Notes in Computer Science, 2003, , 254-266.	1.3	24
12	A general framework for privacy preserving data publishing. Knowledge-Based Systems, 2013, 54, 276-287.	7.1	24
13	Multivalued Dependencies in XML. Lecture Notes in Computer Science, 2003, , 4-18.	1.3	24
14	Development of smart data analytics tools to support wastewater treatment plant operation. Chemometrics and Intelligent Laboratory Systems, 2018, 177, 140-150.	3.5	22
15	The influence of rainfall intensity and duration on sediment pathways and subsequent clogging in permeable pavements. Journal of Environmental Management, 2019, 246, 730-736.	7.8	22
16	On the equivalence between FDs in XML and FDs in relations. Acta Informatica, 2007, 44, 207-247.	0.5	19
17	A probabilistic approach to mitigate composition attacks on privacy in non-coordinated environments. Knowledge-Based Systems, 2014, 67, 361-372.	7.1	19
18	From Observational Studies to Causal Rule Mining. ACM Transactions on Intelligent Systems and Technology, 2016, 7, 1-27.	4.5	19

#	ARTICLE	IF	CITATIONS
19	Local XML functional dependencies. , 2003, , .		18
20	Effective Pruning for the Discovery of Conditional Functional Dependencies. Computer Journal, 2013, 56, 378-392.	2.4	18
21	Discovering statistically non-redundant subgroups. Knowledge-Based Systems, 2014, 67, 315-327.	7.1	18
22	A hybrid approach to prevent composition attacks for independent data releases. Information Sciences, 2016, 367-368, 324-336.	6.9	18
23	<i>Certus</i>. Proceedings of the VLDB Endowment, 2019, 12, 653-666.	3.8	17
24	How do the existing fairness metrics and unfairness mitigation algorithms contribute to ethical learning analytics?. British Journal of Educational Technology, 2022, 53, 822-843.	6.3	17
25	Functional Dependencies, from Relational to XML. Lecture Notes in Computer Science, 2004, , 531-538.	1.3	16
26	Mobile cloud security: An adversary model for lightweight browser security. Computer Standards and Interfaces, 2017, 49, 71-78.	5.4	15
27	The implication problem for "closest node"™ functional dependencies in complete XML documents. Journal of Computer and System Sciences, 2012, 78, 1045-1098.	1.2	14
28	Detecting signals of detrimental prescribing cascades from social media. Artificial Intelligence in Medicine, 2016, 71, 43-56.	6.5	12
29	Authenticity and credibility aware detection of adverse drug events from social media. International Journal of Medical Informatics, 2018, 120, 101-115.	3.3	12
30	Top-k Similarity Matching in Large Graphs with Attributes. Lecture Notes in Computer Science, 2014, , 156-170.	1.3	11
31	Distributed Anonymization for Multiple Data Providers in a Cloud System. Lecture Notes in Computer Science, 2013, , 346-360.	1.3	11
32	A Framework for Reputation Bootstrapping Based on Reputation Utility and Game Theories. , 2011, , .		10
33	Authenticity and credibility aware detection of adverse drug events from social media. International Journal of Medical Informatics, 2018, 120, 157-171.	3.3	10
34	Privacy preserving serial publication of transactional data. Information Systems, 2019, 82, 53-70.	3.6	10
35	Checking Functional Dependency Satisfaction in XML. Lecture Notes in Computer Science, 2005, , 4-17.	1.3	10
36	A Formalism of XML Restructuring Operations. Lecture Notes in Computer Science, 2006, , 126-132.	1.3	10

#	ARTICLE	IF	CITATIONS
37	Mining Differential Dependencies: A Subspace Clustering Approach. Lecture Notes in Computer Science, 2014, , 50-61.	1.3	10
38	Generalized Inclusion Dependencies in XML. Lecture Notes in Computer Science, 2004, , 224-233.	1.3	9
39	Cloning for privacy protection in multiple independent data publications. , 2011, , .		9
40	On Defining Functional Dependency for XML. , 2009, , .		8
41	On discovery of functional dependencies from data. Data and Knowledge Engineering, 2013, 86, 146-159.	3.4	8
42	Efficient Discovery of Differential Dependencies Through Association Rules Mining. Lecture Notes in Computer Science, 2015, , 3-15.	1.3	8
43	STMM: Semantic and Temporal-Aware Markov Chain Model for Mobility Prediction. Lecture Notes in Computer Science, 2015, , 103-111.	1.3	7
44	Preserving Functional Dependency in XML Data Transformation. Lecture Notes in Computer Science, 2008, , 262-278.	1.3	7
45	Maintaining views in object-relational databases. , 2000, , .		6
46	Maintaining Views in Object-Relational Databases. Knowledge and Information Systems, 2003, 5, 50-82.	3.2	6
47	A Virtual XML Database Engine for Relational Databases. Lecture Notes in Computer Science, 2003, , 37-51.	1.3	6
48	Checking Multivalued Dependencies in XML. Lecture Notes in Computer Science, 2005, , 320-332.	1.3	6
49	Transition of Keys in XML Data Transformation. , 2008, , .		6
50	A Framework for Mining Functional Dependencies from Large Distributed Databases. , 2010, , .		6
51	A relative privacy model for effective privacy preservation in transactional data. Concurrency Computation Practice and Experience, 2019, 31, e4923.	2.2	6
52	Utility Aware Clustering for Publishing Transactional Data. Lecture Notes in Computer Science, 2017, , 481-494.	1.3	6
53	Sufficient dimension reduction for average causal effect estimation. Data Mining and Knowledge Discovery, 2022, 36, 1174-1196.	3.7	6
54	Unifying Spatial, Temporal and Semantic Features for an Effective GPS Trajectory-Based Location Recommendation. Lecture Notes in Computer Science, 2015, , 41-53.	1.3	5

#	ARTICLE	IF	CITATIONS
55	Can Android VoIP voice conversations be decoded? I can eavesdrop on your Android VoIP communication. Concurrency Computation Practice and Experience, 2017, 29, e3845.	2.2	5
56	SensorTree: Bursty Propagation Trees as Sensors for Protest Event Detection. Lecture Notes in Computer Science, 2018, , 281-296.	1.3	5
57	Conditional Differential Dependencies (CDDs). Lecture Notes in Computer Science, 2015, , 3-17.	1.3	5
58	Methods to Mitigate Risk of Composition Attack in Independent Data Publications. , 2015, , 179-200.		5
59	Querying relational databases through XSLT. Data and Knowledge Engineering, 2004, 48, 103-128.	3.4	4
60	A Method for Describing Knowledge Work Processes. , 2008, , .		4
61	Building Diversified Multiple Trees for classification in high dimensional noisy biomedical data. Health Information Science and Systems, 2017, 5, 5.	5.2	4
62	Redundancy Free Mappings from Relations to XML. Lecture Notes in Computer Science, 2003, , 55-67.	1.3	4
63	On Defining Referential Integrity for XML. , 2008, , .		3
64	On Defining Keys for XML. , 2008, , .		3
65	On mining association rules with semantic constraints in XML. , 2011, , .		3
66	Data Privacy against Composition Attack. Lecture Notes in Computer Science, 2012, , 320-334.	1.3	3
67	A Study on the Applications of Emerging Sequential Patterns. Lecture Notes in Computer Science, 2014, , 62-73.	1.3	3
68	Redundancy Free Mappings from Relations to XML. Lecture Notes in Computer Science, 2004, , 346-356.	1.3	3
69	On the Performances of Checking XML Key and Functional Dependency Satisfactions. Lecture Notes in Computer Science, 2009, , 1254-1271.	1.3	3
70	Incremental maintenance of nested relational views. , 0, , .		2
71	Performance Analysis and Improvement for Transformation Operators in XML Data Integration. , 2008, , 214-226.		2
72	Checking Satisfactions of XML Referential Integrity Constraints. Lecture Notes in Computer Science, 2009, , 148-159.	1.3	2

#	ARTICLE	IF	CITATIONS
73	Updating Typical XML Views. Lecture Notes in Computer Science, 2012, , 126-140.	1.3	2
74	Give Rookies A Chance: A Trust-Based Institutional Online Supplier Recommendation Framework. International Federation for Information Processing, 2012, , 400-411.	0.4	2
75	An architecture for data warehouse systems. , 0, , .		1
76	Query translation from XSLT to SQL. , 0, , .		1
77	Towards the preservation of functional dependency in XML data transformation. International Journal of Intelligent Information and Database Systems, 2010, 4, 431.	0.3	1
78	Efficient subgraph search on large anonymized graphs. Concurrency Computation Practice and Experience, 2019, 31, e4511.	2.2	1
79	Radial Projection: A Feature Extraction Method for Topographical Shapes. Lecture Notes in Computer Science, 2005, , 582-593.	1.3	1
80	Preserving Referential Integrity Constraints in XML Data Transformation. Communications in Computer and Information Science, 2009, , 57-65.	0.5	1
81	Exploring Groups from Heterogeneous Data via Sparse Learning. Lecture Notes in Computer Science, 2013, , 556-567.	1.3	1
82	A Data Visualisation Tool for Treatment Process Monitoring in Web Browsers. Water Conservation Science and Engineering, 0, , .	1.7	1
83	Implementation and performance analysis of incremental equations for nested relations. , 0, , .		0
84	Derivation of incremental equations for nested relations. , 0, , .		0
85	Containment and disjointedness in partitioned normal form relations. Acta Informatica, 2002, 38, 325-342.	0.5	0
86	Irrelevant updates and self-maintainability in transitive closure database views. Information Processing Letters, 2004, 89, 25-29.	0.6	0
87	An XML Approach to Semantically Extract Data from HTML Tables. Lecture Notes in Computer Science, 2005, , 696-705.	1.3	0
88	Preserving key in XML data transformation. Acta Informatica, 2009, 46, 475-507.	0.5	0
89	A Two-Layer Multi-dimensional Trustworthiness Metric for Web Service Composition. Lecture Notes in Computer Science, 2013, , 151-162.	1.3	0
90	An Effective Spatio-Temporal Approach for Predicting Future Semantic Locations. Lecture Notes in Computer Science, 2016, , 283-294.	1.3	0

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91	A revised result on chasing tree patterns under schema graphs. Information Processing Letters, 2017, 119, 19-24.	0.6	0
92	On the Expressive Power of Logics on Constraint Databases with Complex Objects. Journal of Computer Science and Technology, 2019, 34, 795-817.	1.5	0
93	Transformation of Data with Constraints for Integration: An Information System Approach. Communications in Computer and Information Science, 2009, , 74-81.	0.5	0
94	Towards Evolving Constraints in Data Transformation for XML Data Warehousing. Lecture Notes in Computer Science, 2010, , 79-86.	1.3	0
95	Discovering Association Rules Change from Large Databases. Lecture Notes in Computer Science, 2011, , 388-395.	1.3	0
96	Logics for Representing Data Mining Tasks in Inductive Databases. Lecture Notes in Computer Science, 2014, , 214-222.	1.3	0
97	Mining Approximate Keys based on Reasoning from XML Data. Applied Mathematics and Information Sciences, 2014, 8, 2005-2016.	0.5	0
98	FastOPM—A practical method for partial match of time series. Pattern Recognition, 2022, 130, 108808.	8.1	0