Jianwen Su

List of Publications by Year in descending order

58 papers	2,021 citations	471371 17 h-index	477173 29 g-index
59 all docs	59 docs citations	59 times ranked	850 citing authors

#	Article	IF	Citations
1	Analysis of interacting BPEL web services. , 2004, , .		434
2	Conversation specification. , 2003, , .		238
3	E-services. , 2003, , .		170
4	Tools for composite web services. SIGMOD Record, 2005, 34, 86-95.	0.7	117
5	WSAT: A Tool for Formal Analysis of Web Services. Lecture Notes in Computer Science, 2004, , 510-514.	1.0	85
6	The Internet of Things Meets Business Process Management: A Manifesto. IEEE Systems, Man, and Cybernetics Magazine, 2020, 6, 34-44.	1.2	79
7	Queries with arithmetical constraints. Theoretical Computer Science, 1997, 173, 151-181.	0.5	64
8	Automated composition of e-services. , 2004, , .		64
9	One Way Distance: For Shape Based Similarity Search of Moving Object Trajectories. GeoInformatica, 2008, 12, 117-142.	2.0	62
10	On the expressive power of database queries with intermediate types. Journal of Computer and System Sciences, 1991, 43, 219-267.	0.9	50
11	Finitely Representable Databases. Journal of Computer and System Sciences, 1997, 55, 273-298.	0.9	41
12	Towards a Theory of Web Service Choreographies. , 2007, , 1-16.		39
13	Domain independence and the relational calculus. Acta Informatica, 1994, 31, 513-524.	0.5	38
14	Contorting high dimensional data for efficient main memory KNN processing. , 2003, , .		37
15	Nonrecursive incremental evaluation of Datalog queries. Annals of Mathematics and Artificial Intelligence, 1995, 14, 187-223.	0.9	35
16	Model checking XML manipulating software. , 2004, , .		35
17	Incremental maintenance of recursive views using relational calculus/SQL. SIGMOD Record, 2000, 29, 44-51.	0.7	30
18	Universal trajectory queries for moving object databases. , 0, , .		29

#	Article	IF	Citations
19	Indexing high-dimensional data for efficient in-memory similarity search. IEEE Transactions on Knowledge and Data Engineering, 2005, 17, 339-353.	4.0	29
20	On the expressive power of database queries with intermediate types. , 1988, , .		27
21	Algebraic and calculus query languages for recursively typed complex objects. Journal of Computer and System Sciences, 1993, 47, 121-156.	0.9	26
22	Arity Bounds in First-Order Incremental Evaluation and Definition of Polynomial Time Database Queries. Journal of Computer and System Sciences, 1998, 57, 289-308.	0.9	26
23	Change impact analysis in service-based business processes. Service Oriented Computing and Applications, 2012, 6, 131-149.	1.3	23
24	Modeling data for business processes. , 2014, , .		22
25	Universal Artifacts. ACM Transactions on Management Information Systems, 2016, 7, 1-26.	2.1	20
26	Conjunctive query containment with respect to views and constraints. Information Processing Letters, 1996, 57, 95-102.	0.4	18
27	On bulk loading TPR-tree. , 0, , .		18
28	Research Directions for Principles of Data Management (Abridged). SIGMOD Record, 2017, 45, 5-17.	0.7	18
29	A Technique for Proving Decidability of Containment and Equivalence of Linear Constraint Queries. Journal of Computer and System Sciences, 1999, 59, 1-28.	0.9	17
30	Computational modeling systems. Information Systems, 1995, 20, 127-153.	2.4	16
31	Deterministic FOIES are strictly weaker. Annals of Mathematics and Artificial Intelligence, 1997, 19, 127-146.	0.9	16
32	First-Order Incremental Evaluation of Datalog Queries. Workshops in Computing, 1994, , 295-308.	0.4	13
33	Declarative workflows that support easy modification and dynamic browsing. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 1999, 24, 69-78.	0.5	12
34	A Framework for Optimizing Distributed Workflow Executions. Lecture Notes in Computer Science, 2000, , 152-167.	1.0	11
35	On accessing object-oriented databases: expressive power, complexity, and restrictions. SIGMOD Record, 1989, 18, 147-158.	0.7	11
36	On Completeness of Web Service Compositions. , 2007, , .		8

#	Article	IF	Citations
37	On the containment and equivalence of database queries with linear constraints (extended abstract). , 1997, , .		7
38	ON REACHABILITY AND SAFETY IN INFINITE-STATE SYSTEMS. International Journal of Foundations of Computer Science, 2001, 12, 821-836.	0.8	6
39	An Analysis Tool for Execution of BPEL Services. , 2007, , .		6
40	Runtime Enforcement of First-Order LTL Properties on Data-Aware Business Processes. Lecture Notes in Computer Science, 2013, , 54-68.	1.0	4
41	Model checking XML manipulating software. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2004, 29, 252-262.	0.5	3
42	Counter Machines and the Safety and Disjointness Problems for Database Queries with Linear Constraints. , 2001, , 127-137.		3
43	Scientific modeling using distributed resources. , 1996, , .		2
44	Deductive query languages for recursively typed complex objects. The Journal of Logic Programming, 1998, 35, 231-261.	1.9	2
45	On Complexity of The Tightening Problem for Web Service Discovery. , 2007, , .		2
46	From Data-centric Business Processes to Enterprise Process Frameworks. , 2017, , .		2
47	Querying Workflow Logs. , 2017, , .		2
48	On Nondeterministic Workflow Executions. Lecture Notes in Computer Science, 2011, , 176-190.	1.0	2
49	Realizability of conversation protocols with message contents. , 2004, , .		1
50	Choreography Revisited. Lecture Notes in Computer Science, 2014, , 13-25.	1.0	1
51	An index structure for spatial joins in linear constraint databases. , 1999, , .		0
52	The design of an interactive online help desk in the Alexandria Digital Library. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 1999, 24, 217-226.	0.5	0
53	SSWiM: A Semantic Service, Wrapper and Invocation Manager. Advanced Issues of E-Commerce and Web-Based Information Systems (WECWIS), International Workshop on, 2008, , .	0.0	0
54	Proactive Enforcement of Data Consistency by Business Processes. , 2012, , .		0

#	Article	IF	Citations
55	Automated Trauma Incident Cubes Analysis. , 2013, , .		0
56	Incremental Computation of Queries. , 2009, , 1414-1417.		0
57	Incremental Computation of Queries. , 2016, , 1-4.		0
58	Incremental Computation of Queries. , 2018, , 1830-1833.		0