Jun Pang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4560208/publications.pdf

Version: 2024-02-01

64	680	687363 13	752698 20
papers	citations	h-index	g-index

72	72	72	398
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent development and biomedical applications of probabilistic Boolean networks. Cell Communication and Signaling, 2013, 11, 46.	6.5	96
2	A new access control scheme for Facebook-style social networks. Computers and Security, 2015, 54, 44-59.	6.0	39
3	Constructing and comparing user mobility profiles for location-based services. , 2013, , .		34
4	Taming Asynchrony for Attractor Detection in Large Boolean Networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 31-42.	3.0	32
5	Inferring Friendship from Check-in Data of Location-Based Social Networks. , 2015, , .		29
6	optPBN: An Optimisation Toolbox for Probabilistic Boolean Networks. PLoS ONE, 2014, 9, e98001.	2.5	24
7	Measuring query privacy in location-based services. , 2012, , .		19
8	ASSA-PBN: An Approximate Steady-State Analyser of Probabilistic Boolean Networks. Lecture Notes in Computer Science, 2015, , 214-220.	1.3	19
9	A Decomposition-based Approach towards the Control of Boolean Networks. , 2018, , .		18
10	Sequential Reprogramming of Boolean Networks Made Practical. Lecture Notes in Computer Science, 2019, , 3-19.	1.3	18
11	ASSA-PBN: A Toolbox for Probabilistic Boolean Networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1203-1216.	3.0	17
12	Controlling large Boolean networks with single-step perturbations. Bioinformatics, 2019, 35, i558-i567.	4.1	17
13	CABEAN: a software for the control of asynchronous Boolean networks. Bioinformatics, 2021, 37, 879-881.	4.1	17
14	Protecting query privacy in location-based services. GeoInformatica, 2014, 18, 95-133.	2.7	15
15	Improving BDD-based attractor detection for synchronous Boolean networks. Science China Information Sciences, 2016, 59, 1.	4.3	15
16	Algorithms for the Sequential Reprogramming of Boolean Networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 1610-1619.	3.0	15
17	A new decomposition-based method for detecting attractors in synchronous Boolean networks. Science of Computer Programming, 2019, 180, 18-35.	1.9	14
18	Cones and foci: A mechanical framework for protocol verification. Formal Methods in System Design, 2006, 29, 1-31.	0.8	13

#	Article	IF	Citations
19	Distributed Analysis with Î¼CRL: A Compendium of Case Studies. Lecture Notes in Computer Science, 2007, , 683-689.	1.3	13
20	Controlling Large Boolean Networks with Temporary and Permanent Perturbations. Lecture Notes in Computer Science, 2019, , 707-724.	1.3	13
21	On Automatic Verification of Self-Stabilizing Population Protocols. , 2008, , .		12
22	ASSA-PBN 2.0: A Software Tool for Probabilistic Boolean Networks. Lecture Notes in Computer Science, 2016, , 309-315.	1.3	11
23	Bulletin Boards in Voting Systems: Modelling and Measuring Privacy. , 2011, , .		8
24	A trust-augmented voting scheme for collaborative privacy management. Journal of Computer Security, 2012, 20, 437-459.	0.8	8
25	An Efficient Approach Towards the Source-Target Control of Boolean Networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, 17, 1932-1945.	3.0	8
26	Semantic and relational spaces in science of science: deep learning models for article vectorisation. Scientometrics, 2021, 126, 5881-5910.	3.0	8
27	A Large-scale Empirical Analysis of Ransomware Activities in Bitcoin. ACM Transactions on the Web, 2022, 16, 1-29.	2.5	8
28	Game-based verification of contract signing protocols with minimal messages. Innovations in Systems and Software Engineering, 2012, 8, 111-124.	2.1	7
29	Exploring dependency for query privacy protection in location-based services. , 2013, , .		7
30	Towards Optimal Decomposition of Boolean Networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 2167-2176.	3.0	7
31	An Exploratory Study of COVID-19 Information on Twitter in the Greater Region. Big Data and Cognitive Computing, 2021, 5, 5.	4.7	7
32	A Dynamics-based Approach for the Target Control of Boolean Networks. , 2020, , .		7
33	Verification of Population Ring Protocols in PAT. , 2009, , .		6
34	Design and formal verification of a CEM protocol with transparent TTP. Frontiers of Computer Science, 2013, 7, 279-297.	2.4	6
35	A Logical Approach to Restricting Access in Online Social Networks. , 2015, , .		6
36	An Empirical Study on User Access Control in Online Social Networks. , 2016, , .		6

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37	Reviving the Two-State Markov Chain Approach. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1525-1537.	3.0	6
38	Analysis of a Security Protocol in Î¼CRL. Lecture Notes in Computer Science, 2002, , 396-400.	1.3	6
39	Formalizing provable anonymity in Isabelle/HOL. Formal Aspects of Computing, 2015, 27, 255-282.	1.8	5
40	Fast Simulation of Probabilistic Boolean Networks. Lecture Notes in Computer Science, 2016, , 216-231.	1.3	5
41	Sequential Temporary and Permanent Control of Boolean Networks. Lecture Notes in Computer Science, 2020, , 234-251.	1.3	5
42	On automatic verification of self-stabilizing population protocols. Frontiers of Computer Science, 2008, 2, 357-367.	0.6	4
43	Model Checking Round-Based Distributed Algorithms. , 2010, , .		4
44	Fast leader election in anonymous rings with bounded expected delay. Information Processing Letters, 2011, 111, 864-870.	0.6	4
45	Parallel approximate steady-state analysis of large probabilistic Boolean networks. , 2016, , .		4
46	Election Verifiability Revisited: Automated Security Proofs and Attacks on Helios and Belenios. , 2021, , .		4
47	Hilbert Sinkhorn Divergence for Optimal Transport. , 2021, , .		4
48	Exploring Spillover Effects for COVID-19 Cascade Prediction. Entropy, 2022, 24, 222.	2.2	4
49	An Inductive Approach to Provable Anonymity. , 2011, , .		3
50	Formal modelling and analysis of receipt-free auction protocols in applied pi. Computers and Security, 2017, 65, 405-432.	6.0	3
51	ASSA-PBN 3.0: Analysing Context-Sensitive Probabilistic Boolean Networks. Lecture Notes in Computer Science, 2018, , 277-284.	1.3	3
52	GPU-Accelerated Steady-State Computation of Large Probabilistic Boolean Networks. Lecture Notes in Computer Science, 2016, , 50-66.	1.3	3
53	Model checking a cache coherence protocol for a Java DSM implementation. , 0, , .		2
54	GPU-accelerated steady-state computation of large probabilistic Boolean networks. Formal Aspects of Computing, 2019, 31, 27-46.	1.8	2

#	Article	IF	Citations
55	Scalable Control of Asynchronous Boolean Networks. Lecture Notes in Computer Science, 2019, , 364-367.	1.3	2
56	Target Control of Asynchronous Boolean Networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, PP, 1-1.	3.0	2
57	An active learning-based approach for location-aware acquaintance inference. Knowledge and Information Systems, 2019, 59, 539-569.	3.2	1
58	THS-GWNN: a deep learning framework for temporal network link prediction. Frontiers of Computer Science, 2022, 16, 1.	2.4	1
59	A Verification Framework for Stateful Security Protocols. Lecture Notes in Computer Science, 2017, , 262-280.	1.3	0
60	On the Full Control of Boolean Networks. Lecture Notes in Computer Science, 2018, , 313-317.	1.3	0
61	Characterising Probabilistic Alternating Simulation for Concurrent Games. , 2020, , .		0
62	Modal characterisation of simulation relations in probabilistic concurrent games. Science of Computer Programming, 2022, 215, 102762.	1.9	0
63	Accelerated Verification of Parametric Protocols with Decision Trees. , 2020, , .		0
64	Effective attributed network embedding with information behavior extraction. PeerJ Computer Science, 0, 8, e1030.	4.5	0