

Yann Busnel

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

551
citations

1040056

9
h-index

940533

16
g-index

61
all docs

61
docs citations

61
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Deterministic Tracking of Multiple Objects Using a Binary Sensor Network. ACM Transactions on Sensor Networks, 2011, 8, 1-27.	3.6	99
2	Instantaneous throughput prediction in cellular networks: Which information is needed?. , 2017, , .		47
3	Efficient key grouping for near-optimal load balancing in stream processing systems. , 2015, , .		37
4	Supervised learning model for identifying illegal activities in Bitcoin. Applied Intelligence, 2021, 51, 3824-3843.	5.3	27
5	Online Scheduling for Shuffle Grouping in Distributed Stream Processing Systems. , 2016, , .		21
6	Efficiently Summarizing Data Streams over Sliding Windows. , 2015, , .		20
7	Load-aware shedding in stream processing systems. , 2016, , .		20
8	Multilabel classification of remote sensed satellite imagery. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3988.	3.9	16
9	A Distributed Information Divergence Estimation over Data Streams. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 478-487.	5.6	14
10	New Results on a Generalized Coupon Collector Problem Using Markov Chains. Journal of Applied Probability, 2015, 52, 405-418.	0.7	14
11	Detecting Illicit Entities in Bitcoin using Supervised Learning of Ensemble Decision Trees. , 2020, , .		14
12	Uniform and Ergodic Sampling in Unstructured Peer-to-Peer Systems with Malicious Nodes. Lecture Notes in Computer Science, 2010, , 64-78.	1.3	12
13	PROXSEM: Interest-Based Proximity Measure to Improve Search Efficiency in P2P Systems. , 2007, , .		11
14	Counting with Population Protocols. , 2015, , .		11
15	Towards cough sound analysis using the Internet of things and deep learning for pulmonary disease prediction. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4184.	3.9	11
16	On Gossip and Populations. Lecture Notes in Computer Science, 2010, , 72-86.	1.3	11
17	GCP: Gossip-based Code Propagation for Large-scale Mobile Wireless Sensor Networks. , 2007, , .		11
18	On the Deterministic Tracking of Moving Objects with a Binary Sensor Network. Lecture Notes in Computer Science, 2008, , 46-59.	1.3	10

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19	Identifying Global Icebergs in Distributed Streams. , 2015, , .		9
20	On the uniformity of peer sampling based on view shuffling. Journal of Parallel and Distributed Computing, 2011, 71, 1165-1176.	4.1	8
21	New Results on a Generalized Coupon Collector Problem Using Markov Chains. Journal of Applied Probability, 2015, 52, 405-418.	0.7	7
22	Optimization results for a generalized coupon collector problem. Journal of Applied Probability, 2016, 53, 622-629.	0.7	7
23	An Automated Detection System of Drug-Drug Interactions from Electronic Patient Records Using Big Data Analytics. Studies in Health Technology and Informatics, 2019, 264, 45-49.	0.3	7
24	An Information Divergence Estimation over Data Streams. , 2012, , .		6
25	Uniform node sampling service robust against collusions of malicious nodes. , 2013, , .		6
26	Gossiping over storage systems is practical. Operating Systems Review (ACM), 2007, 41, 75-81.	1.9	5
27	AnKLe: Detecting Attacks in Large Scale Systems via Information Divergence. , 2012, , .		5
28	Self-organized UAV-based Supervision and Connectivity: Challenges and Opportunities. , 2019, , .		5
29	On the Power of the Adversary to Solve the Node Sampling Problem. Lecture Notes in Computer Science, 2013, , 102-126.	1.3	5
30	DABS-Storm: A Data-Aware Approach for Elastic Stream Processing. Lecture Notes in Computer Science, 2019, , 58-93.	1.3	5
31	SOLIST or How to Look for a Needle in a Haystack? A Lightweight Multi-overlay Structure for Wireless Sensor Networks. , 2008, , .		4
32	Reinventing Mobile Community Computing and Communication. , 2013, , .		4
33	Estimating the Frequency of Data Items in Massive Distributed Streams. , 2015, , .		4
34	FlinkMan. , 2017, , .		4
35	Self-Organized Disaster Management System by Distributed Deployment of Connected UAVs. , 2019, , .		4
36	Blockchain Analysis Tool For Monitoring Coin Flow. , 2020, , .		4

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37	Trust Evaluation of a System for an Activity with Subjective Logic. Lecture Notes in Computer Science, 2014, , 48-59.	1.3	4
38	Characterizing the adversarial power in uniform and ergodic node sampling. , 2011, , .		4
39	SocioPath: Bridging the Gap between Digital and Social Worlds. Lecture Notes in Computer Science, 2012, , 497-505.	1.3	4
40	A Formal Characterization of Uniform Peer Sampling Based on View Shuffling. , 2009, , .		3
41	Trust your social network according to satisfaction, reputation and privacy. , 2010, , .		3
42	Predicting file downloading time in cellular network: Large-Scale analysis of machine learning approaches. Computer Networks, 2018, 145, 243-254.	5.1	3
43	A Geometric Approach to Noisy EDM Resolution in FTM Measurements. Computers, 2021, 10, 33.	3.3	3
44	Trust Evaluation of a System for an Activity. Lecture Notes in Computer Science, 2013, , 24-36.	1.3	3
45	Anomaly Characterization in Large Scale Networks. , 2014, , .		2
46	Deviation Estimation between Distributed Data Streams. , 2014, , .		2
47	On the Fly Detection of the Top-K Items in the Distributed Sliding Window Model. , 2018, , .		2
48	Probabilistically sampled and spectrally clustered plant species using phenotypic characteristics. PeerJ, 2021, 9, e11927.	2.0	2
49	System Modeling and Trust Evaluation of Distributed Systems. Lecture Notes in Computer Science, 2015, , 33-74.	1.3	2
50	Sketch *-Metric: Comparing Data Streams via Sketching. , 2013, , .		1
51	Nothing can compare with a population, besides agents. , 2014, , .		1
52	Reputation for Inter-Domain QoS Routing. , 2015, , .		1
53	Finding Top-k Most Frequent Items in Distributed Streams in the Time-Sliding Window Model. , 2018, , .		1
54	Byzantine-tolerant uniform node sampling service in large-scale networks. International Journal of Parallel, Emergent and Distributed Systems, 2021, 36, 412-439.	1.0	1

#	ARTICLE	IF	CITATIONS
55	Lightweight Metric Computation for Distributed Massive Data Streams. Lecture Notes in Computer Science, 2017, , 1-39.	1.3	1
56	Sensor Self-location with FTM Measurements. , 2020, , .		1
57	Attack-tolerant Unequal Probability Sampling Methods over Sliding Window for Distributed Streams. , 2020, , .		1
58	Load-Aware Shedding in Stream Processing Systems. Lecture Notes in Computer Science, 2020, , 121-153.	1.3	1
59	Dynamic computation of population protocols. , 2010, , .		0
60	A Cost-effective and Lightweight Membership Assessment for Large-scale Data Stream. , 2019, , .		0
61	Cube Sampled K-Prototype Clustering for Featured Data. , 2021, , .		0