

# 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	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
2	Multilabel classification of remote sensed satellite imagery. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3988.	3.9	16
3	Supervised learning model for identifying illegal activities in Bitcoin. Applied Intelligence, 2021, 51, 3824-3843.	5.3	27
4	A Geometric Approach to Noisy EDM Resolution in FTM Measurements. Computers, 2021, 10, 33.	3.3	3
5	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
6	Probabilistically sampled and spectrally clustered plant species using phenotypic characteristics. PeerJ, 2021, 9, e11927.	2.0	2
7	Cube Sampled K-Prototype Clustering for Featured Data. , 2021, , .		0
8	Blockchain Analysis Tool For Monitoring Coin Flow. , 2020, , .		4
9	Sensor Self-location with FTM Measurements. , 2020, , .		1
10	Detecting Illicit Entities in Bitcoin using Supervised Learning of Ensemble Decision Trees. , 2020, , .		14
11	Attack-tolerant Unequal Probability Sampling Methods over Sliding Window for Distributed Streams. , 2020, , .		1
12	Load-Aware Shedding in Stream Processing Systems. Lecture Notes in Computer Science, 2020, , 121-153.	1.3	1
13	A Cost-effective and Lightweight Membership Assessment for Large-scale Data Stream. , 2019, , .		0
14	Self-Organized Disaster Management System by Distributed Deployment of Connected UAVs. , 2019, , .		4
15	Self-organized UAV-based Supervision and Connectivity: Challenges and Opportunities. , 2019, , .		5
16	DABS-Storm: A Data-Aware Approach for Elastic Stream Processing. Lecture Notes in Computer Science, 2019, , 58-93.	1.3	5
17	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
18	On the Fly Detection of the Top-K Items in the Distributed Sliding Window Model. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	Predicting file downloading time in cellular network: Large-Scale analysis of machine learning approaches. Computer Networks, 2018, 145, 243-254.	5.1	3
20	Finding Top-k Most Frequent Items in Distributed Streams in the Time-Sliding Window Model. , 2018, , .		1
21	FlinkMan. , 2017, , .		4
22	Instantaneous throughput prediction in cellular networks: Which information is needed?. , 2017, , .		47
23	Lightweight Metric Computation for Distributed Massive Data Streams. Lecture Notes in Computer Science, 2017, , 1-39.	1.3	1
24	Optimization results for a generalized coupon collector problem. Journal of Applied Probability, 2016, 53, 622-629.	0.7	7
25	Load-aware shedding in stream processing systems. , 2016, , .		20
26	Online Scheduling for Shuffle Grouping in Distributed Stream Processing Systems. , 2016, , .		21
27	New Results on a Generalized Coupon Collector Problem Using Markov Chains. Journal of Applied Probability, 2015, 52, 405-418.	0.7	7
28	New Results on a Generalized Coupon Collector Problem Using Markov Chains. Journal of Applied Probability, 2015, 52, 405-418.	0.7	14
29	Identifying Global Icebergs in Distributed Streams. , 2015, , .		9
30	Efficiently Summarizing Data Streams over Sliding Windows. , 2015, , .		20
31	Counting with Population Protocols. , 2015, , .		11
32	Reputation for Inter-Domain QoS Routing. , 2015, , .		1
33	Estimating the Frequency of Data Items in Massive Distributed Streams. , 2015, , .		4
34	Efficient key grouping for near-optimal load balancing in stream processing systems. , 2015, , .		37
35	System Modeling and Trust Evaluation of Distributed Systems. Lecture Notes in Computer Science, 2015, , 33-74.	1.3	2
36	A Distributed Information Divergence Estimation over Data Streams. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 478-487.	5.6	14

#	ARTICLE	IF	CITATIONS
37	Nothing can compare with a population, besides agents. , 2014, , .		1
38	Anomaly Characterization in Large Scale Networks. , 2014, , .		2
39	Deviation Estimation between Distributed Data Streams. , 2014, , .		2
40	Trust Evaluation of a System for an Activity with Subjective Logic. Lecture Notes in Computer Science, 2014, , 48-59.	1.3	4
41	Sketch *-Metric: Comparing Data Streams via Sketching. , 2013, , .		1
42	Uniform node sampling service robust against collusions of malicious nodes. , 2013, , .		6
43	Reinventing Mobile Community Computing and Communication. , 2013, , .		4
44	On the Power of the Adversary to Solve the Node Sampling Problem. Lecture Notes in Computer Science, 2013, , 102-126.	1.3	5
45	Trust Evaluation of a System for an Activity. Lecture Notes in Computer Science, 2013, , 24-36.	1.3	3
46	An Information Divergence Estimation over Data Streams. , 2012, , .		6
47	AnKLe: Detecting Attacks in Large Scale Systems via Information Divergence. , 2012, , .		5
48	SocioPath: Bridging the Gap between Digital and Social Worlds. Lecture Notes in Computer Science, 2012, , 497-505.	1.3	4
49	On the uniformity of peer sampling based on view shuffling. Journal of Parallel and Distributed Computing, 2011, 71, 1165-1176.	4.1	8
50	Analysis of Deterministic Tracking of Multiple Objects Using a Binary Sensor Network. ACM Transactions on Sensor Networks, 2011, 8, 1-27.	3.6	99
51	Characterizing the adversarial power in uniform and ergodic node sampling. , 2011, , .		4
52	Trust your social network according to satisfaction, reputation and privacy. , 2010, , .		3
53	Dynamic computation of population protocols. , 2010, , .		0
54	On Gossip and Populations. Lecture Notes in Computer Science, 2010, , 72-86.	1.3	11

#	ARTICLE	IF	CITATIONS
55	Uniform and Ergodic Sampling in Unstructured Peer-to-Peer Systems with Malicious Nodes. Lecture Notes in Computer Science, 2010, , 64-78.	1.3	12
56	A Formal Characterization of Uniform Peer Sampling Based on View Shuffling. , 2009, , .		3
57	SOLIST or How to Look for a Needle in a Haystack? A Lightweight Multi-overlay Structure for Wireless Sensor Networks. , 2008, , .		4
58	On the Deterministic Tracking of Moving Objects with a Binary Sensor Network. Lecture Notes in Computer Science, 2008, , 46-59.	1.3	10
59	Gossiping over storage systems is practical. Operating Systems Review (ACM), 2007, 41, 75-81.	1.9	5
60	PROXSEM: Interest-Based Proximity Measure to Improve Search Efficiency in P2P Systems. , 2007, , .		11
61	GCP: Gossip-based Code Propagation for Large-scale Mobile Wireless Sensor Networks. , 2007, , .		11