Swan Dubois

List of Publications by Year
in descending order

31	224	1305906	1255698
papers	citations	8	13
		h-index	g-index
33	33	33	97
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Silent MST Approximation for Tiny Memory. Lecture Notes in Computer Science, 2020, , 118-132.	1.0	0
2	Introduction to Distributed Self-Stabilizing Algorithms. Synthesis Lectures on Distributed Computing Theory, 2019, 8, 1-165.	0.1	14
3	The weakest failure detector for eventual consistency. Distributed Computing, 2019, 32, 479-492.	0.7	1
4	Gracefully Degrading Gathering in Dynamic Rings. Lecture Notes in Computer Science, 2018, , 349-364.	1.0	4
5	A self-stabilizing memory efficient algorithm for the minimum diameter spanning tree under an omnipotent daemon. Journal of Parallel and Distributed Computing, 2018, 117, 50-62.	2.7	4
6	Computability of Perpetual Exploration in Highly Dynamic Rings. , 2017, , .		10
7	Self-stabilizing Robots in Highly Dynamic Environments. Lecture Notes in Computer Science, 2016, , 54-69.	1.0	10
8	A Generic Framework for Impossibility Results in Time-Varying Graphs. , 2015, , .		1
9	Practically stabilizing SWMR atomic memory in message-passing systems. Journal of Computer and System Sciences, 2015, 81, 692-701.	0.9	17
10	Maximum Metric Spanning Tree Made Byzantine Tolerant. Algorithmica, 2015, 73, 166-201.	1.0	7
11	The Weakest Failure Detector for Eventual Consistency. , 2015, , .		6
12	A Self-Stabilizing Memory Efficient Algorithm for the Minimum Diameter Spanning Tree under an Omnipotent Daemon. , 2015, , .		5
13	Enabling Minimal Dominating Set in Highly Dynamic Distributed Systems. Lecture Notes in Computer Science, 2015, , 51-66.	1.0	8
14	The snap-stabilizing message forwarding algorithm on tree topologies. Theoretical Computer Science, 2013, 496, 89-112.	0.5	3
15	Introducing speculation in self-stabilization. , 2013, , .		9
16	Bounding the Impact of Unbounded Attacks in Stabilization. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 460-466.	4.0	19
17	The Byzantine Brides Problem. Lecture Notes in Computer Science, 2012, , 107-118.	1.0	4
18	Self-stabilizing byzantine asynchronous unison. Journal of Parallel and Distributed Computing, 2012, 72, 917-923.	2.7	5

#	Article	IF	Citations
19	Snap-Stabilizing Message Forwarding Algorithm on Tree Topologies. Lecture Notes in Computer Science, 2012, , 46-60.	1.0	0
20	Crash Resilient and Pseudo-Stabilizing Atomic Registers. Lecture Notes in Computer Science, 2012, , 135-150.	1.0	4
21	Stabilizing data-link over non-FIFO channels with optimal fault-resilience. Information Processing Letters, 2011, 111, 912-920.	0.4	23
22	How to improve snap-stabilizing point-to-point communication space complexity?. Theoretical Computer Science, 2011, 412, 4285-4296.	0.5	0
23	Dynamic FTSS in asynchronous systems: The case of unison. Theoretical Computer Science, 2011, 412, 3418-3439.	0.5	3
24	Maximum Metric Spanning Tree Made Byzantine Tolerant. Lecture Notes in Computer Science, 2011, , 150-164.	1.0	12
25	Pragmatic Self-stabilization of Atomic Memory in Message-Passing Systems. Lecture Notes in Computer Science, 2011, , 19-31.	1.0	5
26	The Impact of Topology on Byzantine Containment in Stabilization. Lecture Notes in Computer Science, 2010, , 495-509.	1.0	15
27	On Byzantine Containment Properties of the minâ€‰+â€‰1 Protocol. Lecture Notes in Computer Science, 2010, , 96-110.	1.0	12
28	Snap-Stabilizing Linear Message Forwarding. Lecture Notes in Computer Science, 2010, , 546-559.	1.0	3
29	Self-stabilizing Byzantine Asynchronous Unison,. Lecture Notes in Computer Science, 2010, , 83-86.	1.0	3
30	A snap-stabilizing point-to-point communication protocol in message-switched networks. , 2009, , .		7
31	How to Improve Snap-Stabilizing Point-to-Point Communication Space Complexity?. Lecture Notes in Computer Science, 2009, , 195-208.	1.0	6