Swan Dubois

List of Publications by Year
in descending order

31 papers	224 citations	1163117 8 h-index	1125743 13 g-index
33 all docs	33 docs citations	33 times ranked	83 citing authors

#	Article	IF	Citations
1	Stabilizing data-link over non-FIFO channels with optimal fault-resilience. Information Processing Letters, 2011, 111, 912-920.	0.6	23
2	Bounding the Impact of Unbounded Attacks in Stabilization. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 460-466.	5.6	19
3	Practically stabilizing SWMR atomic memory in message-passing systems. Journal of Computer and System Sciences, 2015, 81, 692-701.	1.2	17
4	The Impact of Topology on Byzantine Containment in Stabilization. Lecture Notes in Computer Science, 2010, , 495-509.	1.3	15
5	Introduction to Distributed Self-Stabilizing Algorithms. Synthesis Lectures on Distributed Computing Theory, 2019, 8, 1-165.	0.2	14
6	On Byzantine Containment Properties of the min‰+‰1 Protocol. Lecture Notes in Computer Science, 2010, , 96-110.	1.3	12
7	Maximum Metric Spanning Tree Made Byzantine Tolerant. Lecture Notes in Computer Science, 2011, , 150-164.	1.3	12
8	Computability of Perpetual Exploration in Highly Dynamic Rings. , 2017, , .		10
9	Self-stabilizing Robots in Highly Dynamic Environments. Lecture Notes in Computer Science, 2016, , 54-69.	1.3	10
10	Introducing speculation in self-stabilization. , 2013, , .		9
11	Enabling Minimal Dominating Set in Highly Dynamic Distributed Systems. Lecture Notes in Computer Science, 2015, , 51-66.	1.3	8
12	A snap-stabilizing point-to-point communication protocol in message-switched networks. , 2009, , .		7
13	Maximum Metric Spanning Tree Made Byzantine Tolerant. Algorithmica, 2015, 73, 166-201.	1.3	7
14	The Weakest Failure Detector for Eventual Consistency. , 2015, , .		6
15	How to Improve Snap-Stabilizing Point-to-Point Communication Space Complexity?. Lecture Notes in Computer Science, 2009, , 195-208.	1.3	6
16	Self-stabilizing byzantine asynchronous unison. Journal of Parallel and Distributed Computing, 2012, 72, 917-923.	4.1	5
17	A Self-Stabilizing Memory Efficient Algorithm for the Minimum Diameter Spanning Tree under an Omnipotent Daemon. , 2015, , .		5
18	Pragmatic Self-stabilization of Atomic Memory in Message-Passing Systems. Lecture Notes in Computer Science, 2011, , 19-31.	1.3	5

#	Article	IF	Citations
19	The Byzantine Brides Problem. Lecture Notes in Computer Science, 2012, , 107-118.	1.3	4
20	Gracefully Degrading Gathering in Dynamic Rings. Lecture Notes in Computer Science, 2018, , 349-364.	1.3	4
21	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.	4.1	4
22	Crash Resilient and Pseudo-Stabilizing Atomic Registers. Lecture Notes in Computer Science, 2012, , 135-150.	1.3	4
23	Dynamic FTSS in asynchronous systems: The case of unison. Theoretical Computer Science, 2011, 412, 3418-3439.	0.9	3
24	The snap-stabilizing message forwarding algorithm on tree topologies. Theoretical Computer Science, 2013, 496, 89-112.	0.9	3
25	Snap-Stabilizing Linear Message Forwarding. Lecture Notes in Computer Science, 2010, , 546-559.	1.3	3
26	Self-stabilizing Byzantine Asynchronous Unison,. Lecture Notes in Computer Science, 2010, , 83-86.	1.3	3
27	A Generic Framework for Impossibility Results in Time-Varying Graphs. , 2015, , .		1
28	The weakest failure detector for eventual consistency. Distributed Computing, 2019, 32, 479-492.	0.8	1
29	How to improve snap-stabilizing point-to-point communication space complexity?. Theoretical Computer Science, 2011, 412, 4285-4296.	0.9	0
30	Snap-Stabilizing Message Forwarding Algorithm on Tree Topologies. Lecture Notes in Computer Science, 2012, , 46-60.	1.3	0
31	Silent MST Approximation for Tiny Memory. Lecture Notes in Computer Science, 2020, , 118-132.	1.3	0