Damien Zufferey

List of Publications by Year
in descending order

27 papers	652 citations	759233 12 h-index	794594 19 g-index
31 all docs	31 docs citations	31 times ranked	370 citing authors

#	Article	IF	Citations
1	Automating Separation Logic Using SMT. Lecture Notes in Computer Science, 2013, , 773-789.	1.3	71
2	Automating Separation Logic with Trees and Data. Lecture Notes in Computer Science, 2014, , 711-728.	1.3	53
3	Model Checking of Linearizability of Concurrent List Implementations. Lecture Notes in Computer Science, 2010, , 465-479.	1.3	41
4	GRASShopper. Lecture Notes in Computer Science, 2014, , 124-139.	1.3	39
5	CSIsat: Interpolation for LA+EUF. Lecture Notes in Computer Science, 2008, , 304-308.	1.3	36
6	A Logic-Based Framework for Verifying Consensus Algorithms. Lecture Notes in Computer Science, 2014, , 161-181.	1.3	36
7	PSync: a partially synchronous language for fault-tolerant distributed algorithms. ACM SIGPLAN Notices, 2016, 51, 400-415.	0.2	30
8	Forward Analysis of Depth-Bounded Processes. Lecture Notes in Computer Science, 2010, , 94-108.	1.3	29
9	PSync: a partially synchronous language for fault-tolerant distributed algorithms. , 2016, , .		29
10	FlexPRICE: Flexible Provisioning of Resources in a Cloud Environment. , 2010, , .		28
11	Evolutionary game dynamics in populations with different learners. Journal of Theoretical Biology, 2012, 301, 161-173.	1.7	26
12	Paracosm: A Test Framework for Autonomous Driving Simulations. Lecture Notes in Computer Science, 2021, , 172-195.	1.3	21
13	Ideal Abstractions for Well-Structured Transition Systems. Lecture Notes in Computer Science, 2012, , 445-460.	1.3	14
14	A marketplace for cloud resources. , 2010, , .		13
15	Assume–Guarantee Distributed Synthesis. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2020, 39, 3215-3226.	2.7	11
16	Structural Counter Abstraction. Lecture Notes in Computer Science, 2013, , 62-77.	1.3	11
17	Interactive Programming for Parametric CAD. Computer Graphics Forum, 2020, 39, 408-425.	3.0	10
18	Interpolants in Nonlinear Theories Over the Reals. Lecture Notes in Computer Science, 2016, , 625-641.	1.3	10

#	Article	IF	Citations
19	Multiparty motion coordination: from choreographies to robotics programs. , 2020, 4, 1-30.		10
20	PGCD. , 2019, , .		7
21	Shape Refinement through Explicit Heap Analysis. Lecture Notes in Computer Science, 2010, , 263-277.	1.3	7
22	Scheduling large jobs by abstraction refinement. , 2011, , .		5
23	D ‹scp›roid‹/scp› S ‹scp›tar‹/scp›. , 2018, , .		3
24	Programming at the edge of synchrony. , 2020, 4, 1-30.		3
25	Tá´éÊŸ: accessible automated reasoning for human robot collaboration. , 2018, , .		2
26	MPERL: Hardware and Software Co-design for Robotic Manipulators Â©. , 2019, , .		1
27	Automated Controller and Sensor Configuration Synthesis Using Dimensional Analysis. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2020, 39, 3227-3238.	2.7	0