Giorgio Delzanno

List of Publications by Year
in descending order

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54	789	516561 16	580701 25
papers	citations	h-index	g-index

57	57	57	217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Automatic Verification of Parameterized Cache Coherence Protocols. Lecture Notes in Computer Science, 2000, , 53-68.	1.0	111
2	Towards the Automated Verification of Multithreaded Java Programs. Lecture Notes in Computer Science, 2002, , 173-187.	1.0	53
3	Constraint-Based Verification of Parameterized Cache Coherence Protocols. Formal Methods in System Design, 2003, 23, 257-301.	0.9	47
4	Parameterized Verification of Ad Hoc Networks. Lecture Notes in Computer Science, 2010, , 313-327.	1.0	46
5	Parameterized Verification of Infinite-State Processes with Global Conditions. , 2007, , 145-157.		44
6	Constraint-Based Analysis of Broadcast Protocols. Lecture Notes in Computer Science, 1999, , 50-66.	1.0	31
7	Automatic Verification of Time Sensitive Cryptographic Protocols. Lecture Notes in Computer Science, 2004, , 342-356.	1.0	31
8	A classification of the expressive power of well-structured transition systems. Information and Computation, 2011, 209, 248-279.	0.5	27
9	Handling Parameterized Systems with Non-atomic Global Conditions. Lecture Notes in Computer Science, 2008, , 22-36.	1.0	26
10	On the Power of Cliques in the Parameterized Verification of Ad Hoc Networks. Lecture Notes in Computer Science, 2011, , 441-455.	1.0	25
11	Attacking Symbolic State Explosion. Lecture Notes in Computer Science, 2001, , 298-310.	1.0	22
12	Beyond Parameterized Verification. Lecture Notes in Computer Science, 2002, , 221-235.	1.0	20
13	Constrained Monotonic Abstraction: A CEGAR for Parameterized Verification. Lecture Notes in Computer Science, 2010, , 86-101.	1.0	19
14	Symbolic Representation of Upward-Closed Sets. Lecture Notes in Computer Science, 2000, , 426-441.	1.0	18
15	Covering sharing trees: a compact data structure for parameterized verification. International Journal on Software Tools for Technology Transfer, 2004, 5, 268-297.	1.7	17
16	Approximated parameterized verification of infinite-state processes with global conditions. Formal Methods in System Design, 2009, 34, 126-156.	0.9	16
17	Parameterized Verification of Broadcast Networks of Register Automata. Lecture Notes in Computer Science, 2013, , 109-121.	1.0	15
18	Parameterized verification. International Journal on Software Tools for Technology Transfer, 2016, 18, 469-473.	1.7	14

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19	The Îº-Lattice: Decidability Boundaries for Qualitative Analysis in Biological Languages. Lecture Notes in Computer Science, 2009, , 158-172.	1.0	14
20	On the Verification of Timed Ad Hoc Networks. Lecture Notes in Computer Science, 2011, , 256-270.	1.0	14
21	An effective fixpoint semantics for linear logic programs. Theory and Practice of Logic Programming, 2002, 2, 85-122.	1.1	13
22	MONOTONIC ABSTRACTION: ON EFFICIENT VERIFICATION OF PARAMETERIZED SYSTEMS. International Journal of Foundations of Computer Science, 2009, 20, 779-801.	0.8	13
23	On the coverability and reachability languages of monotonic extensions of Petri nets. Theoretical Computer Science, 2013, 467, 12-29.	0.5	11
24	Approximated Context-Sensitive Analysis for Parameterized Verification. Lecture Notes in Computer Science, 2009, , 41-56.	1.0	8
25	Automated protocol verification in linear logic. , 2002, , .		7
26	A Flexible IoT Stream Processing Architecture Based on Microservices. Information (Switzerland), 2020, 11, 565.	1.7	7
27	A bottom-up semantics for linear logic programs. , 2000, , .		7
28	Constraint-based automatic verification of abstract models of multithreaded programs. Theory and Practice of Logic Programming, 2007, 7, 67-91.	1.1	6
29	A lightweight regular model checking approach for parameterized systems. International Journal on Software Tools for Technology Transfer, 2012, 14, 207-222.	1.7	6
30	Reachability problems in BioAmbients. Theoretical Computer Science, 2012, 431, 56-74.	0.5	6
31	Decidability and Complexity Results for Verification of Asynchronous Broadcast Networks. Lecture Notes in Computer Science, 2013, , 238-249.	1.0	6
32	Push-Down Automata with Gap-Order Constraints. Lecture Notes in Computer Science, 2013, , 199-216.	1.0	6
33	Proofs as computations in linear logic. Theoretical Computer Science, 2001, 258, 269-297.	0.5	5
34	Automatic verification of secrecy properties for linear logic specifications of cryptographic protocols. Journal of Symbolic Computation, 2004, 38, 1375-1415.	0.5	5
35	Model checking linear logic specifications. Theory and Practice of Logic Programming, 2004, 4, 573-619.	1.1	5
36	On Reachability and Spatial Reachability in Fragments of BioAmbients. Electronic Notes in Theoretical Computer Science, 2007, 171, 69-79.	0.9	5

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37	Monotonic Abstraction in Parameterized Verification. Electronic Notes in Theoretical Computer Science, 2008, 223, 3-14.	0.9	5
38	AUTOMATIC VERIFICATION OF DIRECTORY-BASED CONSISTENCY PROTOCOLS WITH GRAPH CONSTRAINTS. International Journal of Foundations of Computer Science, 2011, 22, 761-782.	0.8	5
39	A unified view of parameterized verification of abstract models of broadcast communication. International Journal on Software Tools for Technology Transfer, 2016, 18, 475-493.	1.7	5
40	Parameterized Tree Systems. Lecture Notes in Computer Science, 2008, , 69-83.	1.0	5
41	Parameterized Verification of Graph Transformation Systems with Whole Neighbourhood Operations. Lecture Notes in Computer Science, 2014, , 72-84.	1.0	4
42	Monotonic Abstraction in Action. Lecture Notes in Computer Science, 2008, , 50-65.	1.0	3
43	Reachability analysis of fragments of mobile ambients in AC term rewriting. Formal Aspects of Computing, 2008, 20, 407-428.	1.4	2
44	A Biologically Inspired Model with Fusion and Clonation of Membranes. Lecture Notes in Computer Science, 2008, , 64-82.	1.0	2
45	Deciding Reachability in Mobile Ambients with Name Restriction. Electronic Notes in Theoretical Computer Science, 2009, 239, 5-15.	0.9	2
46	On the verification of membrane systems with dynamic structure. Natural Computing, 2010, 9, 795-818.	1.8	2
47	Reachability Analysis of Mobile Ambients in Fragments of AC Term Rewriting. Lecture Notes in Computer Science, 2006, , 302-316.	1.0	2
48	Parameterized Verification and Model Checking for Distributed Broadcast Protocols. Lecture Notes in Computer Science, 2014, , 1-16.	1.0	2
49	On the Dynamics of PB Systems with Volatile Membranes. Lecture Notes in Computer Science, 2007, , 240-256.	1.0	2
50	On the Relations between Disjunctive and Linear Logic Programming. Electronic Notes in Theoretical Computer Science, 2001, 48, 65-89.	0.9	1
51	Adding Data Registers to Parameterized Networks with Broadcast. Fundamenta Informaticae, 2016, 143, 287-316.	0.3	1
52	Some applications of Computational Logic to the development of intelligent systems and verification methods. Intelligenza Artificiale, 2011, 5, 145-149.	1.0	0
53	Well Structured Transition Systems with History. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 193, 115-128.	0.8	0
54	Data Tracking in Parameterized Systems. Lecture Notes in Computer Science, 2016, , 32-46.	1.0	0