Tayssir Touili

List of Publications by Year in descending order

38 papers	873 citations	567144 15 h-index	552653 26 g-index
40 all docs	40 docs citations	40 times ranked	220 citing authors

#	Article	IF	Citations
1	LTL model checking for communicating concurrent programs. Innovations in Systems and Software Engineering, 2020, 16, 161-179.	1.6	1
2	CTL Model Checking of Self Modifying Code. , 2020, , .		0
3	Model Checking Concurrent Programs. , 2018, , 573-611.		4
4	Precise Extraction of Malicious Behaviors. , 2018, , .		4
5	LTL Model-Checking for Communicating Concurrent Programs. Lecture Notes in Computer Science, 2018, , 150-165.	1.0	1
6	Static Analysis of Multithreaded Recursive Programs Communicating via Rendez-Vous. Lecture Notes in Computer Science, 2017, , 235-254.	1.0	2
7	CARET model checking for pushdown systems. , 2017, , .		7
8	Model-checking software library API usage rules. Software and Systems Modeling, 2016, 15, 961-985.	2.2	1
9	Model checking dynamic pushdown networks. Formal Aspects of Computing, 2015, 27, 397-421.	1.4	8
10	Pushdown model checking for malware detection. International Journal on Software Tools for Technology Transfer, 2014, 16, 147-173.	1.7	25
11	Efficient CTL model-checking for pushdown systems. Theoretical Computer Science, 2014, 549, 127-145.	0.5	17
12	Model-Checking Software Library API Usage Rules. Lecture Notes in Computer Science, 2013, , 192-207.	1.0	2
13	LTL Model-Checking for Malware Detection. Lecture Notes in Computer Science, 2013, , 416-431.	1.0	22
14	Widening techniques for regular tree model checking. International Journal on Software Tools for Technology Transfer, 2012, 14, 145-165.	1.7	6
15	Pushdown Model Checking for Malware Detection. Lecture Notes in Computer Science, 2012, , 110-125.	1.0	29
16	Efficient Malware Detection Using Model-Checking. Lecture Notes in Computer Science, 2012, , 418-433.	1.0	38
17	A decision procedure for detecting atomicity violations for communicating processes with locks. International Journal on Software Tools for Technology Transfer, 2011, 13, 37-60.	1.7	3
18	Efficient CTL Model-Checking for Pushdown Systems. Lecture Notes in Computer Science, 2011, , 434-449.	1.0	12

#	Article	IF	Citations
19	Verifying parallel programs with dynamic communication structures. Theoretical Computer Science, 2010, 411, 3460-3468.	0.5	8
20	Bounded Communication Reachability Analysis of Process Rewrite Systems with Ordered Parallelism. Electronic Notes in Theoretical Computer Science, 2009, 239, 43-56.	0.9	1
21	Verifying Multithreaded Recursive Programs with Integer Variables. Electronic Notes in Theoretical Computer Science, 2009, 239, 143-154.	0.9	2
22	A Decision Procedure for Detecting Atomicity Violations for Communicating Processes with Locks. Lecture Notes in Computer Science, 2009, , 125-142.	1.0	9
23	Constrained Reachability of Process Rewrite Systems. Lecture Notes in Computer Science, 2009, , 307-321.	1.0	0
24	Interprocedural Analysis of Concurrent Programs Under a Context Bound. , 2008, , 282-298.		43
25	On the Reachability Analysis of Acyclic Networks of Pushdown Systems. Lecture Notes in Computer Science, 2008, , 356-371.	1.0	32
26	Permutation rewriting and algorithmic verification. Information and Computation, 2007, 205, 199-224.	0.5	23
27	Regular Hedge Model Checking. , 2006, , 213-230.		3
28	Reachability Analysis of Synchronized PA Systems. Electronic Notes in Theoretical Computer Science, 2005, 138, 153-178.	0.9	8
29	Regular Symbolic Analysis of Dynamic Networks of Pushdown Systems. Lecture Notes in Computer Science, 2005, , 473-487.	1.0	79
30	On Computing Reachability Sets of Process Rewrite Systems. Lecture Notes in Computer Science, 2005, , 484-499.	1.0	24
31	Verification by Network Decomposition. Lecture Notes in Computer Science, 2004, , 276-291.	1.0	49
32	A Generic Approach to the Static Analysis of Concurrent Programs with Procedures. International Journal of Foundations of Computer Science, 2003, 14, 551-582.	0.8	23
33	Reachability Analysis of Process Rewrite Systems. Lecture Notes in Computer Science, 2003, , 74-87.	1.0	25
34	A generic approach to the static analysis of concurrent programs with procedures. , 2003, , .		90
35	Extrapolating Tree Transformations. Lecture Notes in Computer Science, 2002, , 539-554.	1.0	32
36	Regular Model Checking using Widening Techniques. Electronic Notes in Theoretical Computer Science, 2001, 50, 342-356.	0.9	51

#	Article	IF	Citations
37	Regular Model Checking. Lecture Notes in Computer Science, 2000, , 403-418.	1.0	162
38	Computing Transitive Closures of Hedge Transformations. , 0, , .		5