

Cormac Flanagan

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

4,861
citations

331538

21
h-index

395590

33
g-index

53
all docs

53
docs citations

53
times ranked

1270
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimising Faceted Secure Multi-Execution. , 2019, , .		6
2	V <scp>erified</scp> FT. , 2018, , .		7
3	V <scp>erified</scp> FT. ACM SIGPLAN Notices, 2018, 53, 354-367.	0.2	3
4	BigFoot: static check placement for dynamic race detection. ACM SIGPLAN Notices, 2017, 52, 141-156.	0.2	4
5	Precise, dynamic information flow for database-backed applications. ACM SIGPLAN Notices, 2016, 51, 631-647.	0.2	6
6	Array Shadow State Compression for Precise Dynamic Race Detection (T). , 2015, , .		14
7	Cooperative types for controlling thread interference in Java. Science of Computer Programming, 2015, 112, 227-260.	1.5	2
8	PLDI 2002. ACM SIGPLAN Notices, 2013, 48, 22-33.	0.2	9
9	Faceted execution of policy-agnostic programs. , 2013, , .		32
10	RedCard: Redundant Check Elimination for Dynamic Race Detectors. Lecture Notes in Computer Science, 2013, , 255-280.	1.0	31
11	Cooperative Concurrency for a Multicore World. Lecture Notes in Computer Science, 2012, , 342-344.	1.0	2
12	FastTrack. Communications of the ACM, 2010, 53, 93-101.	3.3	37
13	The RoadRunner Dynamic Analysis Framework for Concurrent Programs. , 2010, , .		99
14	FastTrack. , 2009, , .		528
15	FastTrack. ACM SIGPLAN Notices, 2009, 44, 121-133.	0.2	115
16	SingleTrack: A Dynamic Determinism Checker for Multithreaded Programs. Lecture Notes in Computer Science, 2009, , 394-409.	1.0	52
17	Atomizer: A dynamic atomicity checker for multithreaded programs. Science of Computer Programming, 2008, 71, 89-109.	1.5	36
18	Types for atomicity. ACM Transactions on Programming Languages and Systems, 2008, 30, 1-53.	1.7	54

#	ARTICLE	IF	CITATIONS
19	Velodrome. ACM SIGPLAN Notices, 2008, 43, 293-303.	0.2	23
20	Velodrome. , 2008, , .		155
21	Type inference against races. Science of Computer Programming, 2007, 64, 140-165.	1.5	15
22	Cartesian Partial-Order Reduction. , 2007, , 95-112.		41
23	Types for safe locking. ACM Transactions on Programming Languages and Systems, 2006, 28, 207-255.	1.7	174
24	Type inference for atomicity. , 2005, , .		32
25	Dynamic partial-order reduction for model checking software. ACM SIGPLAN Notices, 2005, 40, 110-121.	0.2	110
26	Atomizer. , 2004, , .		280
27	Atomizer. ACM SIGPLAN Notices, 2004, 39, 256-267.	0.2	44
28	Exploiting purity for atomicity. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2004, 29, 221-231.	0.5	2
29	Automatic software model checking via constraint logic. Science of Computer Programming, 2004, 50, 253-270.	1.5	24
30	Verifying Commit-Atomicity Using Model-Checking. Lecture Notes in Computer Science, 2004, , 252-266.	1.0	32
31	Type Inference Against Races. Lecture Notes in Computer Science, 2004, , 116-132.	1.0	25
32	Transactions for Software Model Checking. Electronic Notes in Theoretical Computer Science, 2003, 89, 518-539.	0.9	26
33	A type and effect system for atomicity. , 2003, , .		223
34	A type and effect system for atomicity. ACM SIGPLAN Notices, 2003, 38, 338-349.	0.2	58
35	Automatic Software Model Checking Using CLP. Lecture Notes in Computer Science, 2003, , 189-203.	1.0	12
36	Types for atomicity. , 2003, , .		75

#	ARTICLE	IF	CITATIONS
37	Predicate abstraction for software verification. , 2002, , .		169
38	Extended static checking for Java. , 2002, , .		749
39	DrScheme: a programming environment for Scheme. Journal of Functional Programming, 2002, 12, .	0.5	214
40	Extended static checking for Java. ACM SIGPLAN Notices, 2002, 37, 234-245.	0.2	115
41	Annotation inference for modular checkers. Information Processing Letters, 2001, 77, 97-108.	0.4	39
42	Avoiding exponential explosion. , 2001, , .		116
43	Detecting race conditions in large programs. , 2001, , .		62
44	Houdini, an Annotation Assistant for ESC/Java. Lecture Notes in Computer Science, 2001, , 500-517.	1.0	187
45	Type-based race detection for Java. , 2000, , .		300
46	Type-based race detection for Java. ACM SIGPLAN Notices, 2000, 35, 219-232.	0.2	33
47	Object Types against Races. Lecture Notes in Computer Science, 1999, , 288-303.	1.0	31
48	Types for Safe Locking. Lecture Notes in Computer Science, 1999, , 91-108.	1.0	55
49	Componential set-based analysis. ACM SIGPLAN Notices, 1997, 32, 235-248.	0.2	9
50	pHluid. ACM SIGPLAN Notices, 1996, 31, 169-179.	0.2	0
51	Catching bugs in the web of program invariants. ACM SIGPLAN Notices, 1996, 31, 23-32.	0.2	9
52	Catching bugs in the web of program invariants. , 1996, , .		60
53	The essence of compiling with continuations. , 1993, , .		325