Manu Sridharan

List of Publications by Year
in descending order

55 papers	2,303 citations	687363 13 h-index	642732 23 g-index
55 all docs	55 docs citations	55 times ranked	684 citing authors

#	Article	IF	Citations
1	Demanded abstract interpretation. , 2021, , .		5
2	Piranha. , 2020, , .		11
3	Verifying object construction. , 2020, , .		4
4	LiveDroid: identifying and preserving mobile app state in volatile runtime environments. , 2020, 4, 1-30.		7
5	NullAway: practical type-based null safety for Java. , 2019, , .		18
6	Safe stream-based programming with refinement types. , 2018, , .		5
7	Finding Fix Locations for CFL-Reachability Analyses via Minimum Cuts. Lecture Notes in Computer Science, 2017, , 521-541.	1.3	1
8	Repairing Event Race Errors by Controlling Nondeterminism. , 2017, , .		28
9	IOTA: a calculus for internet of things automation. , 2017, , .		19
10	A practical framework for type inference error explanation. , 2016, , .		19
11	Type inference for static compilation of JavaScript. , 2016, , .		17
12	A practical framework for type inference error explanation. ACM SIGPLAN Notices, 2016, 51, 781-799.	0.2	7
13	Type inference for static compilation of JavaScript. ACM SIGPLAN Notices, 2016, 51, 410-429.	0.2	6
14	Mimic: computing models for opaque code. , 2015, , .		19
15	MemInsight: platform-independent memory debugging for JavaScript. , 2015, , .		19
16	DLint: dynamically checking bad coding practices in JavaScript. , 2015, , .		52
17	In defense of soundiness. Communications of the ACM, 2015, 58, 44-46.	4.5	168
18	Selective control-flow abstraction via jumping. , 2015, , .		17

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19	Selective control-flow abstraction via jumping. ACM SIGPLAN Notices, 2015, 50, 163-182.	0.2	5
20	Translating imperative code to MapReduce. , 2014, , .		24
21	Efficient construction of approximate call graphs for JavaScript IDE services. , 2013, , .		46
22	Refactoring with synthesis. , 2013, , .		23
23	Effective race detection for event-driven programs. , 2013, , .		102
24	Dynamic determinacy analysis. , 2013, , .		48
25	Thresher. , 2013, , .		29
26	Thresher. ACM SIGPLAN Notices, 2013, 48, 275-286.	0.2	5
27	Effective race detection for event-driven programs. ACM SIGPLAN Notices, 2013, 48, 151-166.	0.2	22
28	Alias Analysis for Object-Oriented Programs. Lecture Notes in Computer Science, 2013, , 196-232.	1.3	45
29	Dynamic determinacy analysis. ACM SIGPLAN Notices, 2013, 48, 165-174.	0.2	12
30	Refactoring with synthesis. ACM SIGPLAN Notices, 2013, 48, 339-354.	0.2	11
31	Alias Analysis: Beyond the Code. Lecture Notes in Computer Science, 2013, , 505-506.	1.3	0
32	Race detection for web applications. ACM SIGPLAN Notices, 2012, 47, 251-262.	0.2	20
33	Race detection for web applications. , 2012, , .		77
34	Correlation Tracking for Points-To Analysis of JavaScript. Lecture Notes in Computer Science, 2012, , 435-458.	1.3	91
35	Alternate and Learn: Finding Witnesses without Looking All over. Lecture Notes in Computer Science, 2012, , 599-615.	1.3	15
36	Refactoring Java programs for flexible locking. , 2011, , .		39

#	Article	IF	Citations
37	F4F. ACM SIGPLAN Notices, 2011, 46, 1053-1068.	0.2	8
38	F4F. , 2011, , .		75
39	The Flow-Insensitive Precision of Andersen's Analysis in Practice. Lecture Notes in Computer Science, 2011, , 60-76.	1.3	8
40	Software economies. , 2010, , .		9
41	Correct Refactoring of Concurrent Java Code. Lecture Notes in Computer Science, 2010, , 225-249.	1.3	23
42	Refactoring for reentrancy. , 2009, , .		47
43	TAJ. , 2009, , .		186
44	Snugglebug. , 2009, , .		83
45	Snugglebug. ACM SIGPLAN Notices, 2009, 44, 363-374.	0.2	23
46	Scaling CFL-Reachability-Based Points-To Analysis Using Context-Sensitive Must-Not-Alias Analysis. Lecture Notes in Computer Science, 2009, , 98-122.	1.3	68
47	The Complexity of Andersen's Analysis in Practice. Lecture Notes in Computer Science, 2009, , 205-221.	1.3	27
48	TAJ. ACM SIGPLAN Notices, 2009, 44, 87-97.	0.2	63
49	Thin slicing. , 2007, , .		146
50	PML: Toward a High-Level Formal Language for Biological Systems. Electronic Notes in Theoretical Computer Science, 2007, 180, 15-30.	0.9	2
51	Refinement-based context-sensitive points-to analysis for Java. , 2006, , .		197
52	Refinement-based context-sensitive points-to analysis for Java. ACM SIGPLAN Notices, 2006, 41, 387-400.	0.2	65
53	Demand-driven points-to analysis for Java. ACM SIGPLAN Notices, 2005, 40, 59-76.	0.2	28
54	Demand-driven points-to analysis for Java. , 2005, , .		141

#	Article	IF	Citations
55	PSE. , 2004, , .		68