Anders MÃ¸ller

List of Publications by Year
in descending order

82 papers	2,284 citations	516710 16 h-index	361022 35 g-index
83 all docs	83 docs citations	83 times ranked	766 citing authors

#	Article	IF	Citations
1	Semantic Patches for Adaptation of JavaScript Programs to Evolving Libraries. , 2021, , .		8
2	Modular call graph construction for security scanning of Node.js applications. , 2021, , .		24
3	NodeRacer: Event Race Detection for Node.js Applications. , 2020, , .		13
4	Extracting taint specifications for JavaScript libraries. , 2020, , .		17
5	A Principled Approach to Selective Context Sensitivity for Pointer Analysis. ACM Transactions on Programming Languages and Systems, 2020, 42, 1-40.	2.1	25
6	Detecting locations in JavaScript programs affected by breaking library changes. , 2020, 4, 1-25.		16
7	Eliminating abstraction overhead of Java stream pipelines using ahead-of-time program optimization. , 2020, 4, 1-29.		5
8	Model-based testing of breaking changes in Node.js libraries. , 2019, , .		18
9	Reasonably-Most-General Clients for JavaScript Library Analysis. , 2019, , .		9
10	Static analysis with demand-driven value refinement. , 2019, 3, 1-29.		11
11	A Survey of Dynamic Analysis and Test Generation for JavaScript. ACM Computing Surveys, 2018, 50, 1-36.	23.0	49
12	Precision-guided context sensitivity for pointer analysis. , 2018, 2, 1-29.		39
13	Scalability-first pointer analysis with self-tuning context-sensitivity. , 2018, , .		36
14	Practical AJAX race detection for JavaScript web applications. , 2018, , .		13
15	Technical perspective: WebAssembly: a quiet revolution of the web. Communications of the ACM, 2018, 61, 106-106.	4.5	6
16	Type test scripts for TypeScript testing. , 2017, 1, 1-25.		9
17	QuickChecking static analysis properties. Software Testing Verification and Reliability, 2017, 27, e1640.	2.0	9
18	Systematic black-box analysis of collaborative web applications. , 2017, , .		7

#	ARTICLE	IF	CITATIONS
19	Practical initialization race detection for JavaScript web applications. , 2017, 1, 1-22.		11
20	ArtForm: a tool for exploring the codebase of form-based websites. , 2017, , .		3
21	Message safety in Dart. Science of Computer Programming, 2017, 133, 51-73.	1.9	2
22	Repairing Event Race Errors by Controlling Nondeterminism. , 2017, , .		28
23	Type unsoundness in practice: an empirical study of Dart. ACM SIGPLAN Notices, 2017, 52, 13-24.	0.2	0
24	Systematic approaches for increasing soundness and precision of static analyzers. , 2017, , .		21
25	Type safety analysis for Dart. ACM SIGPLAN Notices, 2017, 52, 1-12.	0.2	0
26	Inference and Evolution of TypeScript Declaration Files. Lecture Notes in Computer Science, 2017, , 99-115.	1.3	9
27	Systematic black-box analysis of collaborative web applications. ACM SIGPLAN Notices, 2017, 52, 171-184.	0.2	2
28	Type unsoundness in practice: an empirical study of Dart. , 2016, , .		4
29	Analyzing test completeness for dynamic languages. , 2016, , .		0
30	Feedback-directed instrumentation for deployed JavaScript applications. , 2016, , .		16
31	Type safety analysis for Dart. , 2016, , .		6
32	Message safety in Dart. , 2015, , .		5
33	In defense of soundiness. Communications of the ACM, 2015, 58, 44-46.	4.5	168
34	Systematic execution of Android test suites in adverse conditions. , 2015, , .		76
35	Stateless model checking of event-driven applications. , 2015, , .		25
36	Stateless model checking of event-driven applications. ACM SIGPLAN Notices, 2015, 50, 57-73.	0.2	12

#	Article	IF	Citations
37	Checking correctness of TypeScript interfaces for JavaScript libraries. , 2014, , .		33
38	Determinacy in static analysis for jQuery. , 2014, , .		65
39	Automated Detection of Client-State Manipulation Vulnerabilities. ACM Transactions on Software Engineering and Methodology, 2014, 23, 1-30.	6.0	10
40	Sparse Dataflow Analysis with Pointers and Reachability. Lecture Notes in Computer Science, 2014, , 201-218.	1.3	13
41	Determinacy in static analysis for jQuery. ACM SIGPLAN Notices, 2014, 49, 17-31.	0.2	7
42	Checking correctness of TypeScript interfaces for JavaScript libraries. ACM SIGPLAN Notices, 2014, 49, 1-16.	0.2	4
43	Semi-automatic rename refactoring for JavaScript. , 2013, , .		22
44	Server interface descriptions for automated testing of JavaScript web applications. , 2013, , .		6
45	Automated testing with targeted event sequence generation. , 2013, , .		147
46	Semi-automatic rename refactoring for JavaScript. ACM SIGPLAN Notices, 2013, 48, 323-338.	0.2	11
47	Remedying the eval that men do. , 2012, , .		70
48	Automated detection of client-state manipulation vulnerabilities. , 2012, , .		1
49	Tool-supported refactoring for JavaScript. , 2011, , .		37
50	A framework for automated testing of javascript web applications. , 2011, , .		139
51	XML graphs in program analysis. Science of Computer Programming, 2011, 76, 492-515.	1.9	5
52	Refactoring towards the good parts of javascript. , 2011, , .		3
53	Modeling the HTML DOM and browser API in static analysis of JavaScript web applications. , 2011, , .		83
54	Tool-supported refactoring for JavaScript. ACM SIGPLAN Notices, 2011, 46, 119-138.	0.2	8

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55	Analyzing ambiguity of context-free grammars. Science of Computer Programming, 2010, 75, 176-191.	1.9	24
56	Interprocedural Analysis with Lazy Propagation. Lecture Notes in Computer Science, 2010, , 320-339.	1.3	25
57	Type Analysis for JavaScript. Lecture Notes in Computer Science, 2009, , 238-255.	1.3	250
58	Dual syntax for XML languages. Information Systems, 2008, 33, 385-406.	3.6	30
59	Static validation of XSL transformations. ACM Transactions on Programming Languages and Systems, 2007, 29, 21.	2.1	16
60	XML graphs in program analysis. , 2007, , .		2
61	Static Analysis for Event-Based XML Processing. BRICS Report Series, 2006, 13, .	0.2	1
62	Dual Syntax for XML Languages. Lecture Notes in Computer Science, 2005, , 27-41.	1.3	16
63	Type Checking with XML Schema in XACT. BRICS Report Series, 2005, 12, .	0.2	8
64	Static Validation of XSL Transformations. BRICS Report Series, 2005, 12, .	0.2	4
65	Verifying Programs that Manipulate Pointers. Electronic Notes in Theoretical Computer Science, 2004, 98, 3-4.	0.9	1
66	The Design Space of Type Checkers for XML Transformation Languages. Lecture Notes in Computer Science, 2004, , 17-36.	1.3	23
67	A Runtime System for XML Transformations in Java. Lecture Notes in Computer Science, 2004, , 143-157.	1.3	2
68	Extending Java for high-level Web service construction. ACM Transactions on Programming Languages and Systems, 2003, 25, 814-875.	2.1	67
69	Precise Analysis of String Expressions. Lecture Notes in Computer Science, 2003, , 1-18.	1.3	131
70	MONA IMPLEMENTATION SECRETS. International Journal of Foundations of Computer Science, 2002, 13, 571-586.	1.1	68
71	The ‹bigwig› project. ACM Transactions on Internet Technology, 2002, 2, 79-114.	4.4	61
72	The DSD Schema Language. Automated Software Engineering, 2002, 9, 285-319.	2.9	14

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73	Language-Based Caching of Dynamically Generated HTML. World Wide Web, 2002, 5, 305-323.	4.0	9
74	Extending Java for High-Level Web Service Construction. BRICS Report Series, 2002, 9, .	0.2	4
75	Static Analysis for Dynamic XML. BRICS Report Series, 2002, 9, .	0.2	14
76	The pointer assertion logic engine. ACM SIGPLAN Notices, 2001, 36, 221-231.	0.2	36
77	Static validation of dynamically generated HTML. , 2001, , .		26
78	Language-Based Caching of Dynamically Generated HTML. BRICS Report Series, 2001, 8, .	0.2	3
79	PowerForms: Declarative client-side form field validation. World Wide Web, 2000, 3, 205-214.	4.0	35
80	Compile-Time Debugging of C Programs Working on Trees. Lecture Notes in Computer Science, 2000, , 119-134.	1.3	10
81	A runtime system for interactive Web services. Computer Networks, 1999, 31, 1391-1401.	5.1	9
82	A Runtime System for Interactive Web Services. BRICS Report Series, 1999, 6, .	0.2	3