# Anders MÃ¸ller

List of Publications by Year
in descending order

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

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Type Analysis for JavaScript. Lecture Notes in Computer Science, 2009, , 238-255. | 1.3 | 250 |
| 2 | In defense of soundiness. Communications of the ACM, 2015, 58, 44-46. | 4.5 | 168 |
| 3 | Automated testing with targeted event sequence generation. , 2013, , . | | 147 |
| 4 | A framework for automated testing of javascript web applications. , 2011, , . | | 139 |
| 5 | Precise Analysis of String Expressions. Lecture Notes in Computer Science, 2003, , 1-18. | 1.3 | 131 |
| 6 | Modeling the HTML DOM and browser API in static analysis of JavaScript web applications. , 2011, , . | | 83 |
| 7 | Systematic execution of Android test suites in adverse conditions. , 2015, , . | | 76 |
| 8 | Remedying the eval that men do. , 2012, , . | | 70 |
| 9 | MONA IMPLEMENTATION SECRETS. International Journal of Foundations of Computer Science, 2002, 13, 571-586. | 1.1 | 68 |
| 10 | Extending Java for high-level Web service construction. ACM Transactions on Programming Languages and Systems, 2003, 25, 814-875. | 2.1 | 67 |
| 11 | Determinacy in static analysis for jQuery. , 2014, , . | | 65 |
| 12 | The ‹bigwig› project. ACM Transactions on Internet Technology, 2002, 2, 79-114. | 4.4 | 61 |
| 13 | A Survey of Dynamic Analysis and Test Generation for JavaScript. ACM Computing Surveys, 2018, 50, 1-36. | 23.0 | 49 |
| 14 | Precision-guided context sensitivity for pointer analysis. , 2018, 2, 1-29. | | 39 |
| 15 | Tool-supported refactoring for JavaScript. , 2011, , . | | 37 |
| 16 | The pointer assertion logic engine. ACM SIGPLAN Notices, 2001, 36, 221-231. | 0.2 | 36 |
| 17 | Scalability-first pointer analysis with self-tuning context-sensitivity. , 2018, , . | | 36 |
| 18 | PowerForms: Declarative client-side form field validation. World Wide Web, 2000, 3, 205-214. | 4.0 | 35 |

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|---|---------|----|-----------|
| 19 | Checking correctness of TypeScript interfaces for JavaScript libraries. , 2014, , . | | 33 |
| 20 | Dual syntax for XML languages. Information Systems, 2008, 33, 385-406. | 3.6 | 30 |
| 21 | Repairing Event Race Errors by Controlling Nondeterminism. , 2017, , . | | 28 |
| 22 | Static validation of dynamically generated HTML. , 2001, , . | | 26 |
| 23 | Interprocedural Analysis with Lazy Propagation. Lecture Notes in Computer Science, 2010, , 320-339. | 1.3 | 25 |
| 24 | Stateless model checking of event-driven applications. , 2015, , . | | 25 |
| 25 | A Principled Approach to Selective Context Sensitivity for Pointer Analysis. ACM Transactions on Programming Languages and Systems, 2020, 42, 1-40. | 2.1 | 25 |
| 26 | Analyzing ambiguity of context-free grammars. Science of Computer Programming, 2010, 75, 176-191. | 1.9 | 24 |
| 27 | Modular call graph construction for security scanning of Node.js applications. , 2021, , . | | 24 |
| 28 | The Design Space of Type Checkers for XML Transformation Languages. Lecture Notes in Computer Science, 2004, , 17-36. | 1.3 | 23 |
| 29 | Semi-automatic rename refactoring for JavaScript. , 2013, , . | | 22 |
| 30 | Systematic approaches for increasing soundness and precision of static analyzers. , 2017, , . | | 21 |
| 31 | Model-based testing of breaking changes in Node.js libraries. , 2019, , . | | 18 |
| 32 | Extracting taint specifications for JavaScript libraries. , 2020, , . | | 17 |
| 33 | Static validation of XSL transformations. ACM Transactions on Programming Languages and Systems, 2007, 29, 21. | 2.1 | 16 |
| 34 | Feedback-directed instrumentation for deployed JavaScript applications. , 2016, , . | | 16 |
| 35 | Dual Syntax for XML Languages. Lecture Notes in Computer Science, 2005, , 27-41. | 1.3 | 16 |
| 36 | Detecting locations in JavaScript programs affected by breaking library changes. , 2020, 4, 1-25. | | 16 |

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|---|---------|-----|-----------|
| 37 | The DSD Schema Language. Automated Software Engineering, 2002, 9, 285-319. | 2.9 | 14 |
| 38 | Static Analysis for Dynamic XML. BRICS Report Series, 2002, 9, . | 0.2 | 14 |
| 39 | Practical AJAX race detection for JavaScript web applications. , 2018, , . | | 13 |
| 40 | NodeRacer: Event Race Detection for Node.js Applications. , 2020, , . | | 13 |
| 41 | Sparse Dataflow Analysis with Pointers and Reachability. Lecture Notes in Computer Science, 2014, , 201-218. | 1.3 | 13 |
| 42 | Stateless model checking of event-driven applications. ACM SIGPLAN Notices, 2015, 50, 57-73. | 0.2 | 12 |
| 43 | Semi-automatic rename refactoring for JavaScript. ACM SIGPLAN Notices, 2013, 48, 323-338. | 0.2 | 11 |
| 44 | Practical initialization race detection for JavaScript web applications. , 2017, 1, 1-22. | | 11 |
| 45 | Static analysis with demand-driven value refinement. , 2019, 3, 1-29. | | 11 |
| 46 | Automated Detection of Client-State Manipulation Vulnerabilities. ACM Transactions on Software Engineering and Methodology, 2014, 23, 1-30. | 6.0 | 10 |
| 47 | Compile-Time Debugging of C Programs Working on Trees. Lecture Notes in Computer Science, 2000, , 119-134. | 1.3 | 10 |
| 48 | A runtime system for interactive Web services. Computer Networks, 1999, 31, 1391-1401. | 5.1 | 9 |
| 49 | Language-Based Caching of Dynamically Generated HTML. World Wide Web, 2002, 5, 305-323. | 4.0 | 9 |
| 50 | Type test scripts for TypeScript testing. , 2017, 1, 1-25. | | 9 |
| 51 | QuickChecking static analysis properties. Software Testing Verification and Reliability, 2017, 27, e1640. | 2.0 | 9 |
| 52 | Reasonably-Most-General Clients for JavaScript Library Analysis. , 2019, , . | | 9 |
| 53 | Inference and Evolution of TypeScript Declaration Files. Lecture Notes in Computer Science, 2017, , 99-115. | 1.3 | 9 |
| 54 | Semantic Patches for Adaptation of JavaScript Programs to Evolving Libraries. , 2021, , . | | 8 |

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|---|---------|-----|-----------|
| 55 | Tool-supported refactoring for JavaScript. ACM SIGPLAN Notices, 2011, 46, 119-138. | 0.2 | 8 |
| 56 | Type Checking with XML Schema in XACT. BRICS Report Series, 2005, 12, . | 0.2 | 8 |
| 57 | Systematic black-box analysis of collaborative web applications. , 2017, , . | | 7 |
| 58 | Determinacy in static analysis for jQuery. ACM SIGPLAN Notices, 2014, 49, 17-31. | 0.2 | 7 |
| 59 | Server interface descriptions for automated testing of JavaScript web applications. , 2013, , . | | 6 |
| 60 | Type safety analysis for Dart. , 2016, , . | | 6 |
| 61 | Technical perspective: WebAssembly: a quiet revolution of the web. Communications of the ACM, 2018, 61, 106-106. | 4.5 | 6 |
| 62 | XML graphs in program analysis. Science of Computer Programming, 2011, 76, 492-515. | 1.9 | 5 |
| 63 | Message safety in Dart. , 2015, , . | | 5 |
| 64 | Eliminating abstraction overhead of Java stream pipelines using ahead-of-time program optimization. , 2020, 4, 1-29. | | 5 |
| 65 | Type unsoundness in practice: an empirical study of Dart. , 2016, , . | | 4 |
| 66 | Checking correctness of TypeScript interfaces for JavaScript libraries. ACM SIGPLAN Notices, 2014, 49, 1-16. | 0.2 | 4 |
| 67 | Extending Java for High-Level Web Service Construction. BRICS Report Series, 2002, 9, . | 0.2 | 4 |
| 68 | Static Validation of XSL Transformations. BRICS Report Series, 2005, 12, . | 0.2 | 4 |
| 69 | Refactoring towards the good parts of javascript. , 2011, , . | | 3 |
| 70 | ArtForm: a tool for exploring the codebase of form-based websites. , 2017, , . | | 3 |
| 71 | A Runtime System for Interactive Web Services. BRICS Report Series, 1999, 6, . | 0.2 | 3 |
| 72 | Language-Based Caching of Dynamically Generated HTML. BRICS Report Series, 2001, 8, . | 0.2 | 3 |

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|---|---------|-----|-----------|
| 73 | Message safety in Dart. Science of Computer Programming, 2017, 133, 51-73. | 1.9 | 2 |
| 74 | XML graphs in program analysis. , 2007, , . | | 2 |
| 75 | A Runtime System for XML Transformations in Java. Lecture Notes in Computer Science, 2004, , 143-157. | 1.3 | 2 |
| 76 | Systematic black-box analysis of collaborative web applications. ACM SIGPLAN Notices, 2017, 52, 171-184. | 0.2 | 2 |
| 77 | Verifying Programs that Manipulate Pointers. Electronic Notes in Theoretical Computer Science, 2004, 98, 3-4. | 0.9 | 1 |
| 78 | Automated detection of client-state manipulation vulnerabilities. , 2012, , . | | 1 |
| 79 | Static Analysis for Event-Based XML Processing. BRICS Report Series, 2006, 13, . | 0.2 | 1 |
| 80 | Analyzing test completeness for dynamic languages. , 2016, , . | | 0 |
| 81 | Type unsoundness in practice: an empirical study of Dart. ACM SIGPLAN Notices, 2017, 52, 13-24. | 0.2 | 0 |
| 82 | Type safety analysis for Dart. ACM SIGPLAN Notices, 2017, 52, 1-12. | 0.2 | 0 |