

Robert M Hierons

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4679729/publications.pdf>

Version: 2024-02-01

188
papers

3,426
citations

279487

23
h-index

205818

48
g-index

200
all docs

200
docs citations

200
times ranked

1586
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Search Algorithms for Regression Test Case Prioritization. IEEE Transactions on Software Engineering, 2007, 33, 225-237. | 4.3 | 553 |
| 2 | Using formal specifications to support testing. ACM Computing Surveys, 2009, 41, 1-76. | 16.1 | 271 |
| 3 | Smart contracts vulnerabilities: a call for blockchain software engineering?. , 2018, , . | | 127 |
| 4 | An overview of program slicing. Software Focus, 2001, 2, 85-92. | 0.3 | 119 |
| 5 | Testing from a Z Specification. Software Testing Verification and Reliability, 1997, 7, 19-33. | 1.7 | 96 |
| 6 | Do moods affect programmersâ€™ debug performance?. Cognition, Technology and Work, 2011, 13, 245-258. | 1.7 | 85 |
| 7 | How to Overcome the Equivalent Mutant Problem and Achieve Tailored Selective Mutation Using Co-evolution. Lecture Notes in Computer Science, 2004, , 1338-1349. | 1.0 | 81 |
| 8 | SIP. ACM Transactions on Software Engineering and Methodology, 2016, 25, 1-39. | 4.8 | 81 |
| 9 | Generating Feasible Transition Paths for Testing from an Extended Finite State Machine (EFSM). , 2009, , . | | 76 |
| 10 | Automated metamorphic testing on the analyses of feature models. Information and Software Technology, 2011, 53, 245-258. | 3.0 | 62 |
| 11 | An integrated search-based approach for automatic testing from extended finite state machine (EFSM) models. Information and Software Technology, 2011, 53, 1297-1318. | 3.0 | 57 |
| 12 | Automated Unique Input Output Sequence Generation for Conformance Testing of FSMs. Computer Journal, 2005, 49, 331-344. | 1.5 | 51 |
| 13 | Mutation testing from probabilistic and stochastic finite state machines. Journal of Systems and Software, 2009, 82, 1804-1818. | 3.3 | 47 |
| 14 | An analysis of the relationship between conditional entropy and failed error propagation in software testing. , 2014, , . | | 38 |
| 15 | Oracles for Distributed Testing. IEEE Transactions on Software Engineering, 2012, 38, 629-641. | 4.3 | 36 |
| 16 | The Effect of the Distributed Test Architecture on the Power of Testing. Computer Journal, 2007, 51, 497-510. | 1.5 | 34 |
| 17 | Estimating the feasibility of transition paths in extended finite state machines. Automated Software Engineering, 2010, 17, 33-56. | 2.2 | 33 |
| 18 | Towards estimating computer usersâ€™ mood from interaction behaviour with keyboard and mouse. Frontiers of Computer Science, 2013, 7, 943-954. | 1.6 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Multi-objective optimisation for regression testing. Information Sciences, 2016, 334-335, 1-16. | 4.0 | 33 |
| 20 | Testing from a stochastic timed system with a fault model. The Journal of Logic and Algebraic Programming, 2009, 78, 98-115. | 1.4 | 32 |
| 21 | Implementation relations and test generation for systems with distributed interfaces. Distributed Computing, 2012, 25, 35-62. | 0.7 | 32 |
| 22 | Testing conformance of a deterministic implementation against a non-deterministic stream X-machine. Theoretical Computer Science, 2004, 323, 191-233. | 0.5 | 31 |
| 23 | Bounded Reordering in the Distributed Test Architecture. IEEE Transactions on Reliability, 2018, 67, 522-537. | 3.5 | 30 |
| 24 | Implementation Relations for the Distributed Test Architecture. Lecture Notes in Computer Science, 2008, , 200-215. | 1.0 | 30 |
| 25 | Measuring personality from keyboard and mouse use. , 2008, , . | | 29 |
| 26 | UIO sequence based checking sequences for distributed test architectures. Information and Software Technology, 2003, 45, 793-803. | 3.0 | 28 |
| 27 | Automated Test Data Generation on the Analyses of Feature Models: A Metamorphic Testing Approach. , 2010, , . | | 28 |
| 28 | Squeeziness: An information theoretic measure for avoiding fault masking. Information Processing Letters, 2012, 112, 335-340. | 0.4 | 27 |
| 29 | CONSIT: a fully automated conditioned program slicer. Software - Practice and Experience, 2004, 34, 15-46. | 2.5 | 23 |
| 30 | Testing Real-Time Embedded Systems using Timed Automata based approaches. Journal of Systems and Software, 2013, 86, 1209-1223. | 3.3 | 23 |
| 31 | Implementation relations and probabilistic schedulers in the distributed test architecture. Journal of Systems and Software, 2017, 132, 319-335. | 3.3 | 23 |
| 32 | Passive testing with asynchronous communications and timestamps. Distributed Computing, 2018, 31, 327-342. | 0.7 | 23 |
| 33 | Testability Transformation “ Program Transformation to Improve Testability. , 2008, , 320-344. | | 23 |
| 34 | Mutation Testing from Probabilistic Finite State Machines. , 2007, , . | | 21 |
| 35 | Checking sequences for distributed test architectures. Distributed Computing, 2008, 21, 223-238. | 0.7 | 21 |
| 36 | Mutation testing on an object-oriented framework: An experience report. Information and Software Technology, 2011, 53, 1124-1136. | 3.0 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Eliminating Redundant Tests in a Checking Sequence. Lecture Notes in Computer Science, 2005, , 146-158. | 1.0 | 21 |
| 38 | Conditions for Resolving Observability Problems in Distributed Testing. Lecture Notes in Computer Science, 2004, , 229-242. | 1.0 | 21 |
| 39 | Combining Centralised and Distributed Testing. ACM Transactions on Software Engineering and Methodology, 2014, 24, 1-29. | 4.8 | 21 |
| 40 | High Capacity Steganographic Method Based Upon JPEG. , 2008, , . | | 20 |
| 41 | JPEG Steganography: A Performance Evaluation of Quantization Tables. , 2009, , . | | 20 |
| 42 | Amorphous Slicing of Extended Finite State Machines. IEEE Transactions on Software Engineering, 2013, 39, 892-909. | 4.3 | 20 |
| 43 | Verdict functions in testing with a fault domain or test hypotheses. ACM Transactions on Software Engineering and Methodology, 2009, 18, 1-19. | 4.8 | 19 |
| 44 | A trajectory-based strict semantics for program slicing. Theoretical Computer Science, 2010, 411, 1372-1386. | 0.5 | 19 |
| 45 | Reaching and Distinguishing States of Distributed Systems. SIAM Journal on Computing, 2010, 39, 3480-3500. | 0.8 | 19 |
| 46 | A mapping study on testing non-testable systems. Software Quality Journal, 2018, 26, 1373-1413. | 1.4 | 19 |
| 47 | A tool supported methodology to passively test asynchronous systems with multiple users. Information and Software Technology, 2018, 104, 162-178. | 3.0 | 19 |
| 48 | Semantic mutation testing. Science of Computer Programming, 2013, 78, 345-363. | 1.5 | 18 |
| 49 | Using genetic algorithms to generate test sequences for complex timed systems. Soft Computing, 2013, 17, 301-315. | 2.1 | 18 |
| 50 | A methodology for validating cloud models using metamorphic testing. Annales Des Telecommunications/Annals of Telecommunications, 2015, 70, 127-135. | 1.6 | 17 |
| 51 | Controllable Test Cases for the Distributed Test Architecture. Lecture Notes in Computer Science, 2008, , 201-215. | 1.0 | 17 |
| 52 | Parallel Algorithms for Testing Finite State Machines:Generating UIO Sequences. IEEE Transactions on Software Engineering, 2016, 42, 1077-1091. | 4.3 | 16 |
| 53 | An extended framework for passive asynchronous testing. Journal of Logical and Algebraic Methods in Programming, 2017, 86, 408-424. | 0.4 | 16 |
| 54 | TEA-Cloud: A Formal Framework for Testing Cloud Computing Systems. IEEE Transactions on Reliability, 2021, 70, 261-284. | 3.5 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Generating a checking sequence with a minimum number of reset transitions. Automated Software Engineering, 2010, 17, 217-250. | 2.2 | 15 |
| 56 | Automated generation of computationally hard feature models using evolutionary algorithms. Expert Systems With Applications, 2014, 41, 3975-3992. | 4.4 | 15 |
| 57 | Editorial: special issue on specification-based testing. Software Testing Verification and Reliability, 2000, 10, 201-202. | 1.7 | 14 |
| 58 | Generating Feasible Transition Paths for Testing from an Extended Finite State Machine (EFSM) with the Counter Problem. , 2010, , . | | 14 |
| 59 | Incomplete Distinguishing Sequences for Finite State Machines. Computer Journal, 2015, 58, 3089-3113. | 1.5 | 14 |
| 60 | Parallel Algorithms for Generating Harmonised State Identifiers and Characterising Sets. IEEE Transactions on Computers, 2016, 65, 3370-3383. | 2.4 | 14 |
| 61 | Concerning the Ordering of Adaptive Test Sequences. Lecture Notes in Computer Science, 2003, , 289-302. | 1.0 | 13 |
| 62 | Checking Sequence Construction Using Adaptive and Preset Distinguishing Sequences. , 2009, , . | | 13 |
| 63 | Conformance Testing from Message Sequence Charts. , 2011, , . | | 13 |
| 64 | The complexity of asynchronous model based testing. Theoretical Computer Science, 2012, 451, 70-82. | 0.5 | 13 |
| 65 | Using Squeeziness to test component-based systems defined as Finite State Machines. Information and Software Technology, 2019, 112, 132-147. | 3.0 | 13 |
| 66 | Automatically Generating Information from a Z Specification to Support the Classification Tree Method. Lecture Notes in Computer Science, 2003, , 388-407. | 1.0 | 13 |
| 67 | Using Time to Add Order to Distributed Testing. Lecture Notes in Computer Science, 2012, , 232-246. | 1.0 | 13 |
| 68 | Mood independent programming. , 2007, , . | | 12 |
| 69 | Specification Mutation Analysis for Validating Timed Testing Approaches Based on Timed Automata. , 2012, , . | | 12 |
| 70 | Timed implementation relations for the distributed test architecture. Distributed Computing, 2014, 27, 181-201. | 0.7 | 12 |
| 71 | Aiding Test Case Generation in Temporally Constrained State Based Systems Using Genetic Algorithms. Lecture Notes in Computer Science, 2009, , 327-334. | 1.0 | 12 |
| 72 | Testing with Inputs and Outputs in CSP. Lecture Notes in Computer Science, 2013, , 359-374. | 1.0 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Many-Objective Test Suite Generation for Software Product Lines. ACM Transactions on Software Engineering and Methodology, 2020, 29, 1-46. | 4.8 | 12 |
| 74 | ConSUS: a light-weight program conditioner. Journal of Systems and Software, 2005, 77, 241-262. | 3.3 | 11 |
| 75 | Generating feasible input sequences for extended finite state machines (EFSMs) using genetic algorithms. , 2005, , . | | 11 |
| 76 | Scenarios-based testing of systems with distributed ports. Software - Practice and Experience, 2011, 41, 999-1026. | 2.5 | 11 |
| 77 | Generating Complete Controllable Test Suites for Distributed Testing. IEEE Transactions on Software Engineering, 2015, 41, 279-293. | 4.3 | 11 |
| 78 | Parallel Algorithms for Generating Distinguishing Sequences for Observable Non-deterministic FSMs. ACM Transactions on Software Engineering and Methodology, 2017, 26, 1-34. | 4.8 | 11 |
| 79 | Checking states and transitions of a set of communicating finite state machines. Microprocessors and Microsystems, 2001, 24, 443-452. | 1.8 | 10 |
| 80 | Using adaptive distinguishing sequences in checking sequence constructions. , 2008, , . | | 10 |
| 81 | Semantic Mutation Testing. , 2010, , . | | 10 |
| 82 | Testing timed systems modeled by Stream X-machines. Software and Systems Modeling, 2011, 10, 201-217. | 2.2 | 10 |
| 83 | Overcoming controllability problems in distributed testing from an input output transition system. Distributed Computing, 2012, 25, 63-81. | 0.7 | 10 |
| 84 | Testing Robots Using CSP. Lecture Notes in Computer Science, 2019, , 21-38. | 1.0 | 10 |
| 85 | Estimation of failure rate using random and partition testing. Software Testing Verification and Reliability, 1997, 7, 153-164. | 1.7 | 9 |
| 86 | Improving test quality using robust unique input/output circuit sequences (UIOCs). Information and Software Technology, 2006, 48, 696-707. | 3.0 | 9 |
| 87 | Achieving communication coverage in testing. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2006, 31, 1-10. | 0.5 | 9 |
| 88 | Heuristics for fault diagnosis when testing from finite state machines. Software Testing Verification and Reliability, 2007, 17, 41-57. | 1.7 | 9 |
| 89 | Using communication coverage criteria and partial model generation to assist software integration testing. Software Quality Journal, 2008, 16, 185-211. | 1.4 | 9 |
| 90 | Testing from Partial Finite State Machines without Harmonised Traces. IEEE Transactions on Software Engineering, 2017, 43, 1033-1043. | 4.3 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | FSM quasi-equivalence testing via reduction and observing absences. Science of Computer Programming, 2019, 177, 1-18. | 1.5 | 9 |
| 92 | Testing Probabilistic Distributed Systems. Lecture Notes in Computer Science, 2010, , 63-77. | 1.0 | 9 |
| 93 | An Implementation Relation and Test Framework for Timed Distributed Systems. Lecture Notes in Computer Science, 2013, , 82-97. | 1.0 | 9 |
| 94 | Separating sequence overlap for automated test sequence generation. Automated Software Engineering, 2006, 13, 283-301. | 2.2 | 8 |
| 95 | Canonical finite state machines for distributed systems. Theoretical Computer Science, 2010, 411, 566-580. | 0.5 | 8 |
| 96 | SMT-C: A Semantic Mutation Testing Tools for C. , 2012, , . | | 8 |
| 97 | Using schedulers to test probabilistic distributed systems. Formal Aspects of Computing, 2012, 24, 679-699. | 1.4 | 8 |
| 98 | Mathcal k\$-branching uio sequences for partially specified observable non-deterministic fsms. IEEE Transactions on Software Engineering, 2021, 47, 1029-1040. | 4.3 | 8 |
| 99 | Input Sequence Generation for Testing of Communicating Finite State Machines (CFSMs). Lecture Notes in Computer Science, 2004, , 1429-1430. | 1.0 | 8 |
| 100 | Testing in the Distributed Test Architecture. , 2008, , 157-183. | | 8 |
| 101 | Mutation Testing. , 2010, , 594-602. | | 8 |
| 102 | Overcoming controllability problems with fewest channels between testers. Computer Networks, 2009, 53, 680-690. | 3.2 | 7 |
| 103 | Test case generation for agent-based models: A systematic literature review. Information and Software Technology, 2021, 135, 106567. | 3.0 | 7 |
| 104 | A Case Study on the Use of Genetic Algorithms to Generate Test Cases for Temporal Systems. Lecture Notes in Computer Science, 2011, , 396-403. | 1.0 | 7 |
| 105 | Passive Testing with Asynchronous Communications. Lecture Notes in Computer Science, 2013, , 99-113. | 1.0 | 7 |
| 106 | Checking experiments for stream X-machines. Theoretical Computer Science, 2010, 411, 3372-3385. | 0.5 | 6 |
| 107 | Non-local Choice and Implied Scenarios. , 2010, , . | | 6 |
| 108 | Conformance Relations for Distributed Testing Based on CSP. Lecture Notes in Computer Science, 2011, , 48-63. | 1.0 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Semantic Mutation Analysis of Floating-Point Comparison. , 2012, , . | | 6 |
| 110 | A Suspension-Trace Semantics for CSP. , 2016, , . | | 6 |
| 111 | Normalised Squeeziness and Failed Error Propagation. Information Processing Letters, 2019, 149, 6-9. | 0.4 | 6 |
| 112 | Implementation relations and testing for cyclic systems with refusals and discrete time. Journal of Systems and Software, 2020, 170, 110738. | 3.3 | 6 |
| 113 | Using mutual information to test from Finite State Machines: Test suite selection. Information and Software Technology, 2021, 132, 106498. | 3.0 | 6 |
| 114 | Inputs and Outputs in CSP. ACM Transactions on Computational Logic, 2020, 21, 1-53. | 0.7 | 6 |
| 115 | Does an 80:20 rule apply to Java coupling?. , 0, , . | | 6 |
| 116 | A Thread-tag Based Semantics for Sequence Diagrams. , 2007, , . | | 5 |
| 117 | GeTeX: A Tool for Testing Real-Time Embedded Systems Using CAN Applications. , 2011, , . | | 5 |
| 118 | A framework for pathologies of message sequence charts. Information and Software Technology, 2012, 54, 1283-1295. | 3.0 | 5 |
| 119 | Controllability Through Nondeterminism in Distributed Testing. Lecture Notes in Computer Science, 2016, , 89-105. | 1.0 | 5 |
| 120 | Testing a deterministic implementation against a non-controllable non-deterministic stream X-machine. Formal Aspects of Computing, 2008, 20, 597-617. | 1.4 | 4 |
| 121 | A Testability Transformation Approach for State-Based Programs. , 2009, , . | | 4 |
| 122 | Decidability and Complexity for Quiescent Consistency. , 2016, , . | | 4 |
| 123 | Local Observability and Controllability Analysis and Enforcement in Distributed Testing With Time Constraints. IEEE Access, 2020, 8, 167172-167191. | 2.6 | 4 |
| 124 | Minimizing the cost of fault location when testing from a finite state machine. Computer Communications, 1999, 22, 120-127. | 3.1 | 3 |
| 125 | Reducing the cost of applying adaptive test cases. Computer Networks, 2007, 51, 224-238. | 3.2 | 3 |
| 126 | Using status messages in the distributed test architecture. Information and Software Technology, 2009, 51, 1123-1130. | 3.0 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Resolving the Equivalent Mutant Problem in the Presence of Non-determinism and Coincidental Correctness. Lecture Notes in Computer Science, 2016, , 123-138. | 1.0 | 3 |
| 128 | Hardness of Deriving Invertible Sequences from Finite State Machines. Lecture Notes in Computer Science, 2017, , 147-160. | 1.0 | 3 |
| 129 | A Mechanised Proof of an Adaptive State Counting Algorithm. Lecture Notes in Computer Science, 2019, , 176-193. | 1.0 | 3 |
| 130 | An information theoretic notion of software testability. Information and Software Technology, 2022, 143, 106759. | 3.0 | 3 |
| 131 | Efficient state synchronisation in model-based testing through reinforcement learning. , 2021, , . | | 3 |
| 132 | Testing in the Distributed Test Architecture: An Extended Abstract. , 2008, , . | | 2 |
| 133 | Extending Stream X-Machines to Specify and Test Systems with Timeouts. , 2008, , . | | 2 |
| 134 | Scenarios-Based Testing of Systems with Distributed Ports. , 2010, , . | | 2 |
| 135 | A Longitudinal Study of Fan-In and Fan-Out Coupling in Open-Source Systems. International Journal of Information System Modeling and Design, 2011, 2, 1-26. | 0.9 | 2 |
| 136 | Decidability of strong equivalence for subschemas of a class of linear, free, near-liberal program schemas. The Journal of Logic and Algebraic Programming, 2011, 80, 92-112. | 1.4 | 2 |
| 137 | On the computational complexity of dynamic slicing problems for program schemas. Mathematical Structures in Computer Science, 2011, 21, 1339-1362. | 0.5 | 2 |
| 138 | Complexity of Data Dependence Problems for Program Schemas with Concurrency. ACM Transactions on Computational Logic, 2012, 13, 1-18. | 0.7 | 2 |
| 139 | Verifying and Comparing Finite State Machines for Systems that Have Distributed Interfaces. IEEE Transactions on Computers, 2013, 62, 1673-1683. | 2.4 | 2 |
| 140 | The dreaded desk reject. Software Testing Verification and Reliability, 2016, 26, 3-3. | 1.7 | 2 |
| 141 | Distinguishing Sequences for Distributed Testing: Adaptive Distinguishing Sequences. Computer Journal, 2016, 59, 1186-1206. | 1.5 | 2 |
| 142 | Distinguishing Sequences for Distributed Testing: Preset Distinguishing Sequences. Computer Journal, 2017, 60, 110-125. | 1.5 | 2 |
| 143 | A partial oracle for uniformity statistics. Software Quality Journal, 2019, 27, 1419-1447. | 1.4 | 2 |
| 144 | Peer Reviewing in Software Engineering. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2020, 45, 18-18. | 0.5 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Constraint-Based Oracles for Timed Distributed Systems. Lecture Notes in Computer Science, 2017, , 276-292. | 1.0 | 2 |
| 146 | Creating adaptive sequences with genetic algorithms to reach a certain state in a non-deterministic FSM. , 2011, , . | | 1 |
| 147 | Characterizing minimal semantics-preserving slices of predicate-linear, free, liberal program schemas. The Journal of Logic and Algebraic Programming, 2011, 80, 481-496. | 1.4 | 1 |
| 148 | Model Based Test Automation through Asynchronous Channels. , 2012, , . | | 1 |
| 149 | A More Precise Implementation Relation for Distributed Testing. Computer Journal, 0, , bxv057. | 1.5 | 1 |
| 150 | Integrating Graphical and Natural Language Specifications to Support Analysis and Testing. , 2017, , . | | 1 |
| 151 | On automation in software engineering. Software Testing Verification and Reliability, 2020, 30, e1753. | 1.7 | 1 |
| 152 | Experimental Comparison of Different Techniques to Generate Adaptive Sequences. Lecture Notes in Computer Science, 2011, , 404-411. | 1.0 | 1 |
| 153 | Mutation Testing from Probabilistic Finite State Machines. , 2007, , . | | 1 |
| 154 | Adaptive or embedded software testing and mutation testing. Software Testing Verification and Reliability, 2021, 31, . | 1.7 | 1 |
| 155 | Augmenting Sequence Enumeration with String-Rewriting for Requirements Analysis and Behavioral Specification. Lecture Notes in Computer Science, 2013, , 179-193. | 1.0 | 1 |
| 156 | Combinatorial testing and model-based testing. Software Testing Verification and Reliability, 2022, 32, . | 1.7 | 1 |
| 157 | Editorial: Formal methods and testing. Software Testing Verification and Reliability, 2002, 12, 69-70. | 1.7 | 0 |
| 158 | Editorial: Testing in the large through the small?. Software Testing Verification and Reliability, 2003, 13, 139-140. | 1.7 | 0 |
| 159 | Editorial: Software testing in the United Kingdom. Software Testing Verification and Reliability, 2004, 14, 165-166. | 1.7 | 0 |
| 160 | Editorial: Validating our findings. Software Testing Verification and Reliability, 2005, 15, 209-210. | 1.7 | 0 |
| 161 | Editorial: Addressing industrial challengesâ€”UKTest 2005 and beyond. Software Testing Verification and Reliability, 2006, 16, 131-132. | 1.7 | 0 |
| 162 | A Meta-analysis Approach to Refactoring and XP. , 2007, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Simulation Relations for Systems with Distributed Interfaces. , 2009, , . | | 0 |
| 164 | ICST 2008 Special Issue. Software Testing Verification and Reliability, 2011, 21, 1-1. | 1.7 | 0 |
| 165 | Guest Editorial: Special Section from the 11th International Conference on Quality Software (QSIC) Tj ETQq1 1 0.784314 rgBT /Overlaid | 3.0 | 0 |
| 166 | Special issue on testing, analysis and debugging of concurrent programs. Software Testing Verification and Reliability, 2015, 25, 165-166. | 1.7 | 0 |
| 167 | A Test Framework for Communications-Critical Large-Scale Systems. IEEE Software, 2015, 32, 86-93. | 2.1 | 0 |
| 168 | Introduction to the Software Engineering and Formal Methods 2013 special issue. Software and Systems Modeling, 2017, 16, 5-6. | 2.2 | 0 |
| 169 | How to manage a conference special issue. Software Testing Verification and Reliability, 2017, 27, e1633. | 1.7 | 0 |
| 170 | Decidability and complexity for quiescent consistency and its variations. Information and Computation, 2017, 257, 1-21. | 0.5 | 0 |
| 171 | The world changes. Software Testing Verification and Reliability, 2019, 29, e1723. | 1.7 | 0 |
| 172 | Guest Editorial: Special Section on ICTSS. Information and Software Technology, 2020, 118, 106222. | 3.0 | 0 |
| 173 | Conference Virtualization. Software Testing Verification and Reliability, 2020, 30, e1749. | 1.7 | 0 |
| 174 | Working Across Boundaries. Software Testing Verification and Reliability, 2020, 30, e1734. | 1.7 | 0 |
| 175 | Editorial: Testing, Debugging, and Defect Prediction. Software Testing Verification and Reliability, 2021, 31, e1775. | 1.7 | 0 |
| 176 | Removing Redundant Refusals: Minimal Complete Test Suites for Failure Trace Semantics. , 2021, , . | | 0 |
| 177 | Minimizing Characterizing sets. Science of Computer Programming, 2021, 208, 102645. | 1.5 | 0 |
| 178 | Editorial: Verification, reliability and performance. Software Testing Verification and Reliability, 2021, 31, e1790. | 1.7 | 0 |
| 179 | A Longitudinal Study of Fan-In and Fan-Out Coupling in Open-Source Systems. , 2013, , 199-224. | | 0 |
| 180 | Generating Minimum Height ADSs for Partially Specified Finite State Machines. Lecture Notes in Electrical Engineering, 2016, , 171-179. | 0.3 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 181 | An Implementation Relation for Cyclic Systems with Refusals and Discrete Time. Lecture Notes in Computer Science, 2019, , 393-409. | 1.0 | 0 |
| 182 | Local Observability and Controllability Enforcement in Distributed Testing. Communications in Computer and Information Science, 2019, , 327-338. | 0.4 | 0 |
| 183 | Are 20% of Classes Responsible for 80% of Refactorings?. , 2021, , . | | 0 |
| 184 | Mutation Testing for RoboChart. , 2021, , 345-375. | | 0 |
| 185 | Property generation/verification and empirical studies. Software Testing Verification and Reliability, 2021, 31, e1800. | 1.7 | 0 |
| 186 | Metamorphic testing and test automation. Software Testing Verification and Reliability, 2022, 32, . | 1.7 | 0 |
| 187 | Model checking, testing and debugging. Software Testing Verification and Reliability, 2022, 32, . | 1.7 | 0 |
| 188 | Farewell after an 11-year journey as joint editor-in-chief. Software Testing Verification and Reliability, 2022, 32, . | 1.7 | 0 |