Marie-Christine Jakobs

List of Publications by Year
in descending order

27 papers	229 citations	1478505 6 h-index	1281871 11 g-index
30 all docs	30 docs citations	30 times ranked	63 citing authors

#	Article	IF	Citations
1	PEQtest: Testing Functional Equivalence. Lecture Notes in Computer Science, 2022, , 184-204.	1.3	2
2	CoVeriTest: interleaving value and predicate analysis for test-case generation. International Journal on Software Tools for Technology Transfer, 2021, 23, 847-851.	1.9	4
3	PatEC: Pattern-Based Equivalence Checking. Lecture Notes in Computer Science, 2021, , 120-139.	1.3	2
4	Cooperative verifier-based testing with CoVeriTest. International Journal on Software Tools for Technology Transfer, 2021, 23, 313-333.	1.9	4
5	PEQCHECK: Localized and Context-aware Checking of Functional Equivalence. , 2021, , .		6
6	Verifying Pipeline Implementations in OpenMP. Lecture Notes in Computer Science, 2021, , 81-98.	1.3	1
7	CoVeriTest with Adaptive Time Scheduling (Competition Contribution). Lecture Notes in Computer Science, 2021, , 358-362.	1.3	5
8	Software/Hardware Co-Verification for Custom Instruction Set Processors. IEEE Access, 2021, 9, 160559-160579.	4.2	2
9	Algorithm selection for software validation based on graph kernels. Automated Software Engineering, 2020, 27, 153-186.	2.9	22
10	CoVeriTest with Dynamic Partitioning of the Iteration Time Limit (Competition Contribution). Lecture Notes in Computer Science, 2020, , 540-544.	1.3	4
11	A Unifying Framework for Dynamic Monitoring and a Taxonomy of Optimizations. Lecture Notes in Computer Science, 2020, , 72-92.	1.3	2
12	Difference Verification with Conditions. Lecture Notes in Computer Science, 2020, , 133-154.	1.3	5
13	FRed: Conditional Model Checking via Reducers and Folders. Lecture Notes in Computer Science, 2020, , 113-132.	1.3	4
14	CoVeriTest: Cooperative Verifier-Based Testing. Lecture Notes in Computer Science, 2019, , 389-408.	1.3	25
15	When Are Software Verification Results Valid for Approximate Hardware?. Lecture Notes in Computer Science, 2019, , 3-20.	1.3	1
16	Validity of Software Verification Results on Approximate Hardware. IEEE Embedded Systems Letters, 2018, 10, 22-25.	1.9	3
17	Reducer-based construction of conditional verifiers. , 2018, , .		28
18	JMCTest: Automatically Testing Inter-Method Contracts in Java. Lecture Notes in Computer Science, 2018, , 39-55.	1.3	1

#	Article	IF	Citations
19	Programs from Proofs. ACM Transactions on Programming Languages and Systems, 2017, 39, 1-56.	2.1	5
20	Predicting rankings of software verification tools. , 2017, , .		23
21	Compact Proof Witnesses. Lecture Notes in Computer Science, 2017, , 389-403.	1.3	7
22	PART$$_\mathrm {PW}$$: From Partial Analysis Results to a Proof Witness. Lecture Notes in Computer Science, 2017, , 120-135.	1.3	3
23	Programs from proofs of predicated dataflow analyses. , 2015, , .		5
24	Speed Up Configurable Certificate Validation by Certificate Reduction and Partitioning. Lecture Notes in Computer Science, 2015, , 159-174.	1.3	9
25	Just Test What You Cannot Verify!. Lecture Notes in Computer Science, 2015, , 100-114.	1.3	25
26	Certification for configurable program analysis. , 2014, , .		20
27	Integrating Software and Hardware Verification. Lecture Notes in Computer Science, 2014, , 307-322.	1.3	2