

# Marie-Christine Jakobs

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9815843/publications.pdf>

Version: 2024-02-01

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	Reducer-based construction of conditional verifiers. , 2018, , .		28
2	CoVeriTest: Cooperative Verifier-Based Testing. Lecture Notes in Computer Science, 2019, , 389-408.	1.3	25
3	Just Test What You Cannot Verify!. Lecture Notes in Computer Science, 2015, , 100-114.	1.3	25
4	Predicting rankings of software verification tools. , 2017, , .		23
5	Algorithm selection for software validation based on graph kernels. Automated Software Engineering, 2020, 27, 153-186.	2.9	22
6	Certification for configurable program analysis. , 2014, , .		20
7	Speed Up Configurable Certificate Validation by Certificate Reduction and Partitioning. Lecture Notes in Computer Science, 2015, , 159-174.	1.3	9
8	Compact Proof Witnesses. Lecture Notes in Computer Science, 2017, , 389-403.	1.3	7
9	PEQCHECK: Localized and Context-aware Checking of Functional Equivalence. , 2021, , .		6
10	Programs from proofs of predicated dataflow analyses. , 2015, , .		5
11	Programs from Proofs. ACM Transactions on Programming Languages and Systems, 2017, 39, 1-56.	2.1	5
12	CoVeriTest with Adaptive Time Scheduling (Competition Contribution). Lecture Notes in Computer Science, 2021, , 358-362.	1.3	5
13	Difference Verification with Conditions. Lecture Notes in Computer Science, 2020, , 133-154.	1.3	5
14	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
15	Cooperative verifier-based testing with CoVeriTest. International Journal on Software Tools for Technology Transfer, 2021, 23, 313-333.	1.9	4
16	CoVeriTest with Dynamic Partitioning of the Iteration Time Limit (Competition Contribution). Lecture Notes in Computer Science, 2020, , 540-544.	1.3	4
17	FRed: Conditional Model Checking via Reducers and Folders. Lecture Notes in Computer Science, 2020, , 113-132.	1.3	4
18	Validity of Software Verification Results on Approximate Hardware. IEEE Embedded Systems Letters, 2018, 10, 22-25.	1.9	3

#	ARTICLE	IF	CITATIONS
19	PART $\mathrm{PW}$ : From Partial Analysis Results to a Proof Witness. Lecture Notes in Computer Science, 2017, , 120-135.	1.3	3
20	PatEC: Pattern-Based Equivalence Checking. Lecture Notes in Computer Science, 2021, , 120-139.	1.3	2
21	Integrating Software and Hardware Verification. Lecture Notes in Computer Science, 2014, , 307-322.	1.3	2
22	A Unifying Framework for Dynamic Monitoring and a Taxonomy of Optimizations. Lecture Notes in Computer Science, 2020, , 72-92.	1.3	2
23	Software/Hardware Co-Verification for Custom Instruction Set Processors. IEEE Access, 2021, 9, 160559-160579.	4.2	2
24	PEQtest: Testing Functional Equivalence. Lecture Notes in Computer Science, 2022, , 184-204.	1.3	2
25	Verifying Pipeline Implementations in OpenMP. Lecture Notes in Computer Science, 2021, , 81-98.	1.3	1
26	JMCTest: Automatically Testing Inter-Method Contracts in Java. Lecture Notes in Computer Science, 2018, , 39-55.	1.3	1
27	When Are Software Verification Results Valid for Approximate Hardware?. Lecture Notes in Computer Science, 2019, , 3-20.	1.3	1