

Alexander Pretschner

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,077
citations

840776

11
h-index

713466

21
g-index

31
all docs

31
docs citations

31
times ranked

711
citing authors

#	ARTICLE	IF	CITATIONS
1	A taxonomy of model-based testing approaches. <i>Software Testing Verification and Reliability</i> , 2012, 22, 297-312.	2.0	443
2	Security Testing. <i>Advances in Computers</i> , 2016, 101, 1-51.	1.6	92
3	Code obfuscation against symbolic execution attacks. , 2016, , .		88
4	Model-based security testing: a taxonomy and systematic classification. <i>Software Testing Verification and Reliability</i> , 2016, 26, 119-148.	2.0	67
5	Model-Based Tests for Access Control Policies. , 2008, , .		61
6	10 Methodological Issues in Model-Based Testing. <i>Lecture Notes in Computer Science</i> , 2005, , 281-291.	1.3	50
7	Fitness Functions for Testing Automated and Autonomous Driving Systems. <i>Lecture Notes in Computer Science</i> , 2019, , 69-84.	1.3	37
8	Semi-Automatic Security Testing of Web Applications from a Secure Model. , 2012, , .		30
9	A Tutorial on Software Obfuscation. <i>Advances in Computers</i> , 2018, 108, 283-353.	1.6	24
10	Representation-Independent Data Usage Control. <i>Lecture Notes in Computer Science</i> , 2012, , 122-140.	1.3	23
11	Abstractions for Model-Based Testing. <i>Electronic Notes in Theoretical Computer Science</i> , 2005, 116, 59-71.	0.9	21
12	Model Based Development of Hybrid Systems: Specification, Simulation, Test Case Generation. , 2002, , 37-51.		19
13	A Generic Fault Model for Quality Assurance. <i>Lecture Notes in Computer Science</i> , 2013, , 87-103.	1.3	19
14	Security Mutants for Property-Based Testing. <i>Lecture Notes in Computer Science</i> , 2011, , 69-77.	1.3	16
15	Ethics in the Software Development Process: from Codes of Conduct to Ethical Deliberation. <i>Philosophy and Technology</i> , 2021, 34, 1085-1108.	4.3	14
16	Model based testing in incremental system development. <i>Journal of Systems and Software</i> , 2004, 70, 315-329.	4.5	11
17	Idea: Benchmarking Indistinguishability Obfuscation " A Candidate Implementation. <i>Lecture Notes in Computer Science</i> , 2015, , 149-156.	1.3	11
18	Computing refactorings of state machines. <i>Software and Systems Modeling</i> , 2007, 6, 381-399.	2.7	9

#	ARTICLE	IF	CITATIONS
19	Defining adaptivity and logical architecture for engineering (smart) self-adaptive cyber-physical systems. <i>Information and Software Technology</i> , 2022, 147, 106866.	4.4	7
20	Science of design for societal-scale cyber-physical systems: challenges and opportunities. <i>Cyber-Physical Systems</i> , 2019, 5, 145-172.	2.0	6
21	Knowledge aggregation with subjective logic in multi-agent self-adaptive cyber-physical systems. , 2020, , .		6
22	Data Accountability in Socio-Technical Systems. <i>Lecture Notes in Business Information Processing</i> , 2016, , 335-348.	1.0	5
23	Aletheia. , 2018, , .		4
24	Software-Intensive Systems in the Automotive Domain:Challenges for Research and Education. , 2006, , .		3
25	Idea: Unwinding Based Model-Checking and Testing for Non-Interference on EFSMs. <i>Lecture Notes in Computer Science</i> , 2015, , 34-42.	1.3	3
26	Computing Refactorings of Behavior Models. <i>Lecture Notes in Computer Science</i> , 2005, , 126-141.	1.3	1
27	3rd international workshop on software engineering for automotive systems - SEAS 2006. , 2006, , .		1
28	Dynamic Taint Analysis versus Obfuscated Self-Checking. , 2021, , .		1
29	3 rd Intl. ICSE workshop on software engineering for automotive systems. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2006, 31, 22-23.	0.7	0