

Alexander Pretschner

List of Publications by Year in descending order

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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	Defining adaptivity and logical architecture for engineering (smart) self-adaptive cyber-physical systems. Information and Software Technology, 2022, 147, 106866.	4.4	7
2	Ethics in the Software Development Process: from Codes of Conduct to Ethical Deliberation. Philosophy and Technology, 2021, 34, 1085-1108.	4.3	14
3	Dynamic Taint Analysis versus Obfuscated Self-Checking. , 2021, , .		1
4	Knowledge aggregation with subjective logic in multi-agent self-adaptive cyber-physical systems. , 2020, , .		6
5	Science of design for societal-scale cyber-physical systems: challenges and opportunities. Cyber-Physical Systems, 2019, 5, 145-172.	2.0	6
6	Fitness Functions for Testing Automated and Autonomous Driving Systems. Lecture Notes in Computer Science, 2019, , 69-84.	1.3	37
7	A Tutorial on Software Obfuscation. Advances in Computers, 2018, 108, 283-353.	1.6	24
8	Aletheia. , 2018, , .		4
9	Model-based security testing: a taxonomy and systematic classification. Software Testing Verification and Reliability, 2016, 26, 119-148.	2.0	67
10	Code obfuscation against symbolic execution attacks. , 2016, , .		88
11	Data Accountability in Socio-Technical Systems. Lecture Notes in Business Information Processing, 2016, , 335-348.	1.0	5
12	Security Testing. Advances in Computers, 2016, 101, 1-51.	1.6	92
13	Idea: Benchmarking Indistinguishability Obfuscation â€œ A Candidate Implementation. Lecture Notes in Computer Science, 2015, , 149-156.	1.3	11
14	Idea: Unwinding Based Model-Checking and Testing for Non-Interference on EFSMs. Lecture Notes in Computer Science, 2015, , 34-42.	1.3	3
15	A Generic Fault Model for Quality Assurance. Lecture Notes in Computer Science, 2013, , 87-103.	1.3	19
16	Semi-Automatic Security Testing of Web Applications from a Secure Model. , 2012, , .		30
17	Representation-Independent Data Usage Control. Lecture Notes in Computer Science, 2012, , 122-140.	1.3	23
18	A taxonomy of model-based testing approaches. Software Testing Verification and Reliability, 2012, 22, 297-312.	2.0	443

#	ARTICLE	IF	CITATIONS
19	Security Mutants for Property-Based Testing. Lecture Notes in Computer Science, 2011, , 69-77.	1.3	16
20	Model-Based Tests for Access Control Policies. , 2008, , .		61
21	Computing refactorings of state machines. Software and Systems Modeling, 2007, 6, 381-399.	2.7	9
22	Software-Intensive Systems in the Automotive Domain:Challenges for Research and Education. , 2006, , .		3
23	3rd international workshop on software engineering for automotive systems - SEAS 2006. , 2006, , .		1
24	3 rd Intl. ICSE workshop on software engineering for automotive systems. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2006, 31, 22-23.	0.7	0
25	Abstractions for Model-Based Testing. Electronic Notes in Theoretical Computer Science, 2005, 116, 59-71.	0.9	21
26	Computing Refactorings of Behavior Models. Lecture Notes in Computer Science, 2005, , 126-141.	1.3	1
27	10 Methodological Issues in Model-Based Testing. Lecture Notes in Computer Science, 2005, , 281-291.	1.3	50
28	Model based testing in incremental system development. Journal of Systems and Software, 2004, 70, 315-329.	4.5	11
29	Model Based Development of Hybrid Systems: Specification, Simulation, Test Case Generation. , 2002, , 37-51.		19