

Christian W. Probst

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

497
citations

933447
10
h-index

839539
18
g-index

52
all docs

52
docs citations

52
times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Bayesian-Based Trust Management for Insider Attacks in Healthcare Software-Defined Networks. IEEE Transactions on Network and Service Management, 2018, 15, 761-773.	4.9	83
2	Security audits of multi-tier virtual infrastructures in public infrastructure clouds. , 2010, , .		60
3	An extensible analysable system model. Information Security Technical Report, 2008, 13, 235-246.	1.3	31
4	Invalidating Policies using Structural Information. , 2013, , .		27
5	Transforming Graphical System Models to Graphical Attack Models. Lecture Notes in Computer Science, 2016, , 82-96.	1.3	23
6	Where Can an Insider Attack?. Lecture Notes in Computer Science, 2006, , 127-142.	1.3	22
7	Aspects of Insider Threats. Advances in Information Security, 2010, , 1-15.	1.2	19
8	Combining Generated Data Models with Formal Invalidation for Insider Threat Analysis. , 2014, , .		19
9	Enhancing Intelligent Alarm Reduction for Distributed Intrusion Detection Systems via Edge Computing. Lecture Notes in Computer Science, 2018, , 759-767.	1.3	19
10	Attack Tree Analysis for Insider Threats on the IoT Using Isabelle. Lecture Notes in Computer Science, 2016, , 234-246.	1.3	17
11	From Flow Logic to static type systems for coordination languages. Science of Computer Programming, 2010, 75, 376-397.	1.9	16
12	Attack Tree Generation by Policy Invalidation. Lecture Notes in Computer Science, 2015, , 249-259.	1.3	16
13	Modelling Social-Technical Attacks with Timed Automata. , 2015, , .		12
14	Modeling and Verification of Insider Threats Using Logical Analysis. IEEE Systems Journal, 2017, 11, 534-545.	4.6	12
15	Privacy Penetration Testing: How to Establish Trust in Your Cloud Provider. , 2012, , 251-265.		10
16	Formal Modelling and Analysis of Socio-Technical Systems. Lecture Notes in Computer Science, 2016, , 54-73.	1.3	10
17	Static Validation of Licence Conformance Policies. , 2008, , .		9
18	A move in the security measurement stalemate. , 2012, , .		9

#	ARTICLE	IF	CITATIONS
19	Towards Formal Analysis of Insider Threats for Auctions. , 2016, , .		8
20	A new way of estimating compute-boundedness and its application to dynamic voltage scaling. International Journal of Embedded Systems, 2007, 3, 17.	0.3	7
21	A Probabilistic Analysis Framework for Malicious Insider Threats. Lecture Notes in Computer Science, 2015, , 178-189.	1.3	6
22	Modular Control Flow Analysis for Libraries. Lecture Notes in Computer Science, 2002, , 165-179.	1.3	5
23	The Risk of Risk Analysis And its Relation to the Economics of Insider Threats. , 2010, , 279-299.		5
24	Behavioural Profiling in Cyber-Social Systems. Lecture Notes in Computer Science, 2017, , 507-517.	1.3	5
25	Analysing Access Control Specifications. , 2009, , .		4
26	The Navigation Metaphor in Security Economics. IEEE Security and Privacy, 2016, 14, 14-21.	1.2	4
27	Cost-Effectiveness of Security Measures. Advances in Business Information Systems and Analytics Book Series, 2014, , 139-156.	0.4	4
28	The Attack Navigator. Lecture Notes in Computer Science, 2016, , 1-17.	1.3	4
29	Java bytecode verification via static single assignment form. ACM Transactions on Programming Languages and Systems, 2008, 30, 1-21.	2.1	3
30	Hardware Transactional Memory Optimization Guidelines, Applied to Ordered Maps. , 2015, , .		3
31	From Flow Logic to Static Type Systems for Coordination Languages. Lecture Notes in Computer Science, 2008, , 100-116.	1.3	3
32	Fluid information systems. , 2009, , .		3
33	Structural Encoding of Static Single Assignment Form. Electronic Notes in Theoretical Computer Science, 2005, 141, 85-102.	0.9	2
34	Integrated Java Bytecode Verification. Electronic Notes in Theoretical Computer Science, 2005, 131, 27-38.	0.9	2
35	Power-aware computing systems. International Journal of Embedded Systems, 2007, 3, 3.	0.3	2
36	Tool-based risk assessment of cloud infrastructures as socio-technical systems. , 2015, , 495-517.		2

#	ARTICLE	IF	CITATIONS
37	Agile Approaches for Teaching and Learning Software Architecture Design Processes and Methods. , 2019, , 325-351.		2
38	A Process Framework for Designing Software Reference Architectures for Providing Tools as a Service. Lecture Notes in Computer Science, 2016, , 111-126.	1.3	2
39	A portable virtual machine target for proof-carrying code. Science of Computer Programming, 2005, 57, 275-294.	1.9	1
40	Issues in holistic system design. , 2006, , .		1
41	ELB-trees an efficient and lock-free B-tree derivative. , 2013, , .		1
42	Automatic generation of application specific FPGA multicore accelerators. , 2014, , .		1
43	Model based analysis of insider threats. , 2016, , .		1
44	Guaranteeing Privacy-Observing Data Exchange. Lecture Notes in Computer Science, 2016, , 958-969.	1.3	1
45	Secure Refactoring with Java Information Flow. Lecture Notes in Computer Science, 2016, , 264-272.	1.3	1
46	Linguistic support for modern operating systems workshop on programming languages and operating systems 2006 (PLOS 2006). , 2006, , .		0
47	Adapt or become extinct!. , 2011, , .		0
48	Protocol Implementation Generator. Lecture Notes in Computer Science, 2012, , 256-268.	1.3	0
49	Application of Verification Techniques to Security. Advances in Human and Social Aspects of Technology Book Series, 2014, , 61-70.	0.3	0
50	Understanding How Components of Organisations Contribute to Attacks. Lecture Notes in Computer Science, 2016, , 54-66.	1.3	0
51	Estimating the Risk of Fraud Against E-Services. Lecture Notes in Computer Science, 2018, , 306-322.	1.3	0