

Christian W. Probst

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/43030/publications.pdf>

Version: 2024-02-01

51
papers

497
citations

932766

10
h-index

839053

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. | 3.2 | 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. | 1.0 | 23 |
| 6 | Where Can an Insider Attack?. Lecture Notes in Computer Science, 2006, , 127-142. | 1.0 | 22 |
| 7 | Aspects of Insider Threats. Advances in Information Security, 2010, , 1-15. | 0.9 | 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. | 1.0 | 19 |
| 10 | Attack Tree Analysis for Insider Threats on the IoT Using Isabelle. Lecture Notes in Computer Science, 2016, , 234-246. | 1.0 | 17 |
| 11 | From Flow Logic to static type systems for coordination languages. Science of Computer Programming, 2010, 75, 376-397. | 1.5 | 16 |
| 12 | Attack Tree Generation by Policy Invalidation. Lecture Notes in Computer Science, 2015, , 249-259. | 1.0 | 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. | 2.9 | 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. | 1.0 | 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. | 0.2 | 7 |
| 21 | A Probabilistic Analysis Framework for Malicious Insider Threats. Lecture Notes in Computer Science, 2015, , 178-189. | 1.0 | 6 |
| 22 | Modular Control Flow Analysis for Libraries. Lecture Notes in Computer Science, 2002, , 165-179. | 1.0 | 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. | 1.0 | 5 |
| 25 | Analysing Access Control Specifications. , 2009, , . | | 4 |
| 26 | The Navigation Metaphor in Security Economics. IEEE Security and Privacy, 2016, 14, 14-21. | 1.5 | 4 |
| 27 | Cost-Effectiveness of Security Measures. Advances in Business Information Systems and Analytics Book Series, 2014, , 139-156. | 0.3 | 4 |
| 28 | The Attack Navigator. Lecture Notes in Computer Science, 2016, , 1-17. | 1.0 | 4 |
| 29 | Java bytecode verification via static single assignment form. ACM Transactions on Programming Languages and Systems, 2008, 30, 1-21. | 1.7 | 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. | 1.0 | 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. | 0.2 | 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. | 1.0 | 2 |
| 39 | A portable virtual machine target for proof-carrying code. Science of Computer Programming, 2005, 57, 275-294. | 1.5 | 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. | 1.0 | 1 |
| 45 | Secure Refactoring with Java Information Flow. Lecture Notes in Computer Science, 2016, , 264-272. | 1.0 | 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. | 1.0 | 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. | 1.0 | 0 |
| 51 | Estimating the Risk of Fraud Against E-Services. Lecture Notes in Computer Science, 2018, , 306-322. | 1.0 | 0 |