Roland Rieke

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8837688/publications.pdf

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32	274	1163117 8	1199594 12
papers	citations	h-index	g-index

34	34	34	186
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fraud Detection in Mobile Payments Utilizing Process Behavior Analysis. , 2013, , .		26
2	Comparative Study of Machine Learning Methods for In-Vehicle Intrusion Detection. Lecture Notes in Computer Science, 2019, , 85-101.	1.3	19
3	Abstraction and composition: a verification method for co-operating systems. Journal of Experimental and Theoretical Artificial Intelligence, 2000, 12, 447-459.	2.8	18
4	No Smurfs: Revealing Fraud Chains in Mobile Money Transfers. , 2014, , .		17
5	Attack Surface Assessment for Cybersecurity Engineering in the Automotive Domain. , 2021, , .		16
6	An update logic for information systems. International Journal of Approximate Reasoning, 2014, 55, 436-456.	3.3	15
7	Behavior Analysis for Safety and Security in Automotive Systems. , 2017, , .		14
8	SEPAD â€“ Security Evaluation Platform for Autonomous Driving. , 2020, , .		13
9	ThreatSurf: A method for automated Threat Surface assessment in automotive cybersecurity engineering. Microprocessors and Microsystems, 2022, 90, 104461.	2.8	12
10	The SH-Verification Tool -- Abstraction-Based Verification of Co-operating Systems. Formal Aspects of Computing, 1998, 10, 381-404.	1.8	10
11	Continuous fields: Enhanced in-vehicle anomaly detection using machine learning models. Simulation Modelling Practice and Theory, 2020, 105, 102143.	3.8	10
12	Identification of Security Requirements in Systems of Systems by Functional Security Analysis. Lecture Notes in Computer Science, 2010, , 74-96.	1.3	10
13	Security and Reliability Requirements for Advanced Security Event Management. Lecture Notes in Computer Science, 2012, , 171-180.	1.3	9
14	Monitoring Security Compliance of Critical Processes. , 2014, , .		8
15	Trust Establishment in Cooperating Cyber-Physical Systems. Lecture Notes in Computer Science, 2016, , 31-47.	1.3	8
16	Modelling and Analysing Network Security Policies in a Given Vulnerability Setting. Lecture Notes in Computer Science, 2006, , 67-78.	1.3	8
17	Secure Mobile Business Information Processing. , 2010, , .		7
18	SECPAT: Security Patterns for Resilient Automotive E / E Architectures. , 2022, , .		6

#	Article	IF	Citations
19	Abstraction-based analysis of known and unknown vulnerabilities of critical information infrastructures. International Journal of System of Systems Engineering, 2008, 1, 59.	0.5	5
20	Model-Based Security Event Management. Lecture Notes in Computer Science, 2012, , 181-190.	1.3	5
21	In-vehicle detection of targeted CAN bus attacks. , 2021, , .		5
22	Architecting a security strategy measurement and management system. , 2012, , .		4
23	Challenges for Advanced Security Monitoring â€“ The MASSIF Project. Lecture Notes in Computer Science, 2012, , 222-223.	1.3	3
24	ECU-Secure: Characteristic Functions for In-Vehicle Intrusion Detection. Studies in Computational Intelligence, 2020, , 495-504.	0.9	3
25	Gateway for Industrial Cyber-Physical Systems with Hardware-Based Trust Anchors. Studies in Computational Intelligence, 2020, , 521-528.	0.9	3
26	A Holistic Approach to Security Policies â€“ Policy Distribution with XACML over COPS. Electronic Notes in Theoretical Computer Science, 2007, 168, 143-157.	0.9	2
27	Abstraction Based Verification of a Parameterised Policy Controlled System. , 2007, , 228-241.		2
28	Security Properties of Self-Similar Uniformly Parameterised Systems of Cooperations. , 2011, , .		1
29	Cyberattack detection in vehicles using characteristic functions, artificial neural networks, and visual analysis. Informatics and Automation, 2021, 20, 845-868.	0.9	1
30	Security Requirements for Uniformly Parameterised Cooperations. , 2012, , .		0
31	Security and Business Situational Awareness. Communications in Computer and Information Science, 2015, , 103-115.	0.5	0
32	Steganalysis Method for Detecting Embedded Coefficients of Discrete-Wavelet Image Transformation into High-Frequency Domains. Communications in Computer and Information Science, 2019, , 83-95.	0.5	0