Simon Tjoa

List of Publications by Year
in descending order

41 papers	515 citations	1307366 7 h-index	1372474 10 g-index
42 all docs	42 docs citations	42 times ranked	378 citing authors

#	Article	IF	Citations
1	The Role of ICT to Achieve the UN Sustainable Development Goals (SDG). IFIP Advances in Information and Communication Technology, 2016, , 3-13.	0.5	59
2	Towards Automating Social Engineering Using Social Networking Sites. , 2009, , .		58
3	Forensics Investigations of Multimedia Data: A Review of the State-of-the-Art. , 2011, , .		34
4	A Formal Approach Enabling Risk-Aware Business Process Modeling and Simulation. IEEE Transactions on Services Computing, 2011, 4, 153-166.	3.2	32
5	Comparing Blockchain Standards and Recommendations. Future Internet, 2020, 12, 222.	2.4	30
6	Integration of an Ontological Information Security Concept in Risk Aware Business Process Management. , 2008, , .		28
7	Enhancing Business Impact Analysis and Risk Assessment Applying a Risk-Aware Business Process Modeling and Simulation Methodology. , 2008, , .		28
8	Facebook Watchdog: A Research Agenda for Detecting Online Grooming and Bullying Activities. , 2013, , .		23
9	A Comprehensive Literature Review of File Carving. , 2013, , .		20
10	PenQuest: a gamified attacker/defender meta model for cyber security assessment and education. Journal of Computer Virology and Hacking Techniques, 2020, 16, 19-61.	1.6	18
11	IoE Security Threats and You. , 2017, , .		16
12	A reference model for risk-aware business process management. , 2009, , .		14
13	Discussion on the Challenges and Opportunities of Cloud Forensics. Lecture Notes in Computer Science, 2012, , 593-608.	1.0	12
14	Towards Resilient Artificial Intelligence: Survey and Research Issues. , 2021, , .		12
15	A Survey of Scientific Approaches Considering the Integration of Security and Risk Aspects into Business Process Management. , 2009, , .		11
16	Roadmap to Approaches for Carving of Fragmented Multimedia Files. , 2011, , .		10
17	Extension of a Methodology for Risk-Aware Business Process Modeling and Simulation Enabling Process-Oriented Incident Handling Support. , 2008, , .		9
18	A roadmap to risk-aware business process management. , 2009, , .		9

#	Article	IF	Citations
19	Risk-Aware Business Process Management—Establishing the Link Between Business and Security. Springer Optimization and Its Applications, 2010, , 109-135.	0.6	9
20	Touch to Authenticate — Continuous Biometric Authentication on Mobile Devices. , 2015, , .		8
21	Defeating the Database Adversary Using Deception - A MySQL Database Honeypot. , 2016, , .		8
22	High-Level Self-Sustaining Information Security Management Framework. Baltic Journal of Modern Computing, 2017, 5, 107-123.	0.2	8
23	A Formal Approach Towards Risk-Aware Service Level Analysis and Planning. , 2010, , .		7
24	Game-based Simulation of Distributed Denial of Service (DDoS) Attack and Defense Mechanisms of Critical Infrastructures. , 2013, , .		6
25	Contrology - An Ontology-Based Cloud Assurance Approach. , 2015, , .		5
26	An IoT Risk Analysis Approach for Smart Homes (Work-in-Progress). , 2018, , .		5
27	The Applicability of Fuzzy Rough Classifier for Continuous Person Authentication. , 2016, , .		4
28	Taxonomy of Data Fragment Classification Techniques. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2014, , 67-85.	0.2	4
29	Simulation-Based Cyber-Attack Assessment of Critical Infrastructures. Lecture Notes in Business Information Processing, 2014, , 135-150.	0.8	4
30	Keeping an Eye on Your Security Through Assurance Indicators. , 2014, , .		4
31	APT RPG: Design of a Gamified Attacker/Defender Meta Model. , 2018, , .		4
32	A Generic Approach to Critical Infrastructure Modeling and Simulation. , 2012, , .		3
33	Classification and Recovery of Fragmented Multimedia Files using the File Carving Approach. International Journal of Mobile Computing and Multimedia Communications, 2013, 5, 50-67.	0.4	3
34	An Ontology Capturing the Interdependence of the General Data Protection Regulation (GDPR) and Information Security. , 2018, , .		3
35	Medical Blockchains and Privacy in Austria - Technical and Legal Aspects. , 2020, , .		3
36	Planning Dynamic Activity and Resource Allocations Using a Risk-Aware Business Process Management Approach. , 2010, , .		2

#	Article	IF	Citations
37	CASSIS - Computer-based Academy for Security and Safety in Information Systems. , 2007, , .		1
38	An Open Source Code Analyzer and Reviewer (OSCAR) Framework. , 2015, , .		1
39	A process model for RFID based Business Process Analysis. , 2009, , .		0
40	A Readiness Model for Measuring the Maturity of Cyber Security Incident Management. Lecture Notes on Data Engineering and Communications Technologies, 2019, , 283-293.	0.5	0
41	A Design Thinking Approach onÂInformation Security. Lecture Notes in Networks and Systems, 2022, , 503-515.	0.5	0