

# Simon N Foley

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

413  
citations

1163117

8  
h-index

1125743

13  
g-index

79  
all docs

79  
docs citations

79  
times ranked

176  
citing authors

#	ARTICLE	IF	CITATIONS
1	Database Intrusion Detection Systems (DIDs): Insider Threat Detection via Behaviour-Based Anomaly Detection Systems - A Brief Survey of Concepts and Approaches. Communications in Computer and Information Science, 2022, , 178-197.	0.5	3
2	Social Constructionism in Security Protocols. Lecture Notes in Computer Science, 2020, , 69-81.	1.3	0
3	PriDe: A Quantitative Measure of Privacy-Loss in Interactive Querying Settings. , 2019, , .		12
4	DBMS Log Analytics for Detecting Insider Threats in Contemporary Organizations. Advances in Electronic Government, Digital Divide, and Regional Development Book Series, 2019, , 207-234.	0.2	2
5	A Semantic Approach to Frequency Based Anomaly Detection of Insider Access in Database Management Systems. Lecture Notes in Computer Science, 2018, , 18-28.	1.3	9
6	Reasoning about firewall policies through refinement and composition. Journal of Computer Security, 2018, 26, 207-254.	0.8	1
7	An Online Consent Maturity Model. , 2018, , .		2
8	A grounded theory approach to security policy elicitation. Information and Computer Security, 2018, 26, 454-471.	2.2	3
9	Towards the Evaluation of End-to-End Resilience Through External Consistency. Lecture Notes in Computer Science, 2018, , 99-114.	1.3	0
10	What Users Want: Adapting Qualitative Research Methods to Security Policy Elicitation. Lecture Notes in Computer Science, 2018, , 229-249.	1.3	1
11	What You Can Change and What You Can't: Human Experience in Computer Network Defenses. Lecture Notes in Computer Science, 2018, , 219-235.	1.3	2
12	On database intrusion detection. , 2017, , .		2
13	Detecting Anomalous Behavior in DBMS Logs. Lecture Notes in Computer Science, 2017, , 147-152.	1.3	6
14	The Evolution of a Security Control. Lecture Notes in Computer Science, 2017, , 67-84.	1.3	2
15	Getting Security Objectives Wrong: A Cautionary Tale of an Industrial Control System (Transcript of) Tj ETQq1 1 0.784314 rgBT /Overbo	1.3	0
16	Getting Security Objectives Wrong: A Cautionary Tale of an Industrial Control System. Lecture Notes in Computer Science, 2017, , 18-29.	1.3	0
17	Runtime Detection of Zero-Day Vulnerability Exploits in Contemporary Software Systems. Lecture Notes in Computer Science, 2016, , 347-363.	1.3	7
18	Reasoning About Firewall Policies Through Refinement and Composition. Lecture Notes in Computer Science, 2016, , 268-284.	1.3	2

#	ARTICLE	IF	CITATIONS
19	A firewall algebra for OpenStack. , 2015, , .		12
20	The Dark Side of the Code. Lecture Notes in Computer Science, 2015, , 1-11.	1.3	3
21	The Dark Side of the Code (Transcript of Discussion). Lecture Notes in Computer Science, 2015, , 12-21.	1.3	0
22	Non-interference analysis of delegation subterfuge in distributed authorization systems. Journal of Trust Management, 2014, 1, .	0.4	0
23	I'm OK, You're OK, the System's OK. , 2014, , .		1
24	Collaborating as Normal: Detecting Systemic Anomalies in Your Partner (Transcript of Discussion). Lecture Notes in Computer Science, 2014, , 28-37.	1.3	0
25	MASON: Mobile autonomic security for network access controls. Journal of Information Security and Applications, 2013, 18, 14-29.	2.5	11
26	Discovering emergent norms in security logs. , 2013, , .		6
27	Avoiding inconsistencies in the Security Content Automation Protocol. , 2013, , .		8
28	A Bloom Filter Based Model for Decentralized Authorization. International Journal of Intelligent Systems, 2013, 28, 565-582.	5.7	4
29	Noninterference Analysis of Delegation Subterfuge in Distributed Authorization Systems. IFIP Advances in Information and Communication Technology, 2013, , 193-207.	0.7	0
30	Qualitative Analysis for Trust Management. Lecture Notes in Computer Science, 2013, , 298-307.	1.3	3
31	Anomaly analysis for Physical Access Control security configuration. , 2012, , .		11
32	Fast automatic security protocol generation. Journal of Computer Security, 2012, 20, 119-167.	0.8	0
33	Avoiding Delegation Subterfuge Using Linked Local Permission Names. Lecture Notes in Computer Science, 2012, , 100-114.	1.3	6
34	Decentralized Semantic Threat Graphs. Lecture Notes in Computer Science, 2012, , 177-192.	1.3	0
35	A trust model for capability delegation in federated policy systems. , 2011, , .		5
36	Federated autonomic Network Access Control. , 2011, , .		2

#	ARTICLE	IF	CITATIONS
37	Reasoning about the security configuration of SAN switch fabrics. , 2011, , .		2
38	Aligning Semantic Web applications with network access controls. Computer Standards and Interfaces, 2011, 33, 24-34.	5.4	7
39	Flexible secure inter-domain interoperability through attribute conversion. Information Sciences, 2011, 181, 3491-3507.	6.9	4
40	Trust management of XMPP federation. , 2011, , .		4
41	Management of security policy configuration using a Semantic Threat Graph approach. Journal of Computer Security, 2011, 19, 567-605.	0.8	16
42	Aggregating Trust Using Triangular Norms in the KeyNote Trust Management System. Lecture Notes in Computer Science, 2011, , 100-115.	1.3	5
43	A trust model for capability delegation in federated policy systems. , 2010, , .		1
44	Configuring storage-area networks using mandatory security. Journal of Computer Security, 2009, 17, 191-210.	0.8	2
45	Challenges for federated, autonomic network management in the Future Internet. , 2009, , .		20
46	Security risk management using internal controls. , 2009, , .		9
47	An Approach to Security Policy Configuration Using Semantic Threat Graphs. Lecture Notes in Computer Science, 2009, , 33-48.	1.3	9
48	Semantic Web and firewall alignment. , 2008, , .		1
49	Synchronisation in Trust Management Using Push Authorisation. Electronic Notes in Theoretical Computer Science, 2006, 157, 143-158.	0.9	1
50	Soft Constraints for Security. Electronic Notes in Theoretical Computer Science, 2006, 142, 11-29.	0.9	2
51	A Logic for Analysing Subterfuge in Delegation Chains. Lecture Notes in Computer Science, 2006, , 127-141.	1.3	5
52	Believing the Integrity of a System. Electronic Notes in Theoretical Computer Science, 2005, 125, 3-12.	0.9	1
53	Automating Security Configuration for the Grid. Scientific Programming, 2005, 13, 113-125.	0.7	1
54	A soft constraint-based approach to the cascade vulnerability problem. Journal of Computer Security, 2005, 13, 699-720.	0.8	4

#	ARTICLE	IF	CITATIONS
55	Towards a Framework for Autonomic Security Protocols. Lecture Notes in Computer Science, 2005, , 49-54.	1.3	0
56	Configuring Storage-Area Networks for Mandatory Security. , 2004, , 357-370.		3
57	Security in WebCom. , 2004, , .		2
58	Reasoning about Secure Interoperation Using Soft Constraints. , 2004, , 173-186.		1
59	A nonfunctional approach to system integrity. IEEE Journal on Selected Areas in Communications, 2003, 21, 36-43.	14.0	23
60	Fast automatic synthesis of security protocols using backward search. , 2003, , .		14
61	Using Trust Management to Support Transferable Hash-Based Micropayments. Lecture Notes in Computer Science, 2003, , 1-14.	1.3	14
62	A Constraint Framework for the Qualitative Analysis of Dependability Goals: Integrity. Lecture Notes in Computer Science, 2003, , 130-143.	1.3	2
63	Trust Management and Whether to Delegate. Lecture Notes in Computer Science, 2002, , 151-157.	1.3	1
64	Secure Component Distribution Using WebCom. IFIP Advances in Information and Communication Technology, 2002, , 387-398.	0.7	10
65	Are handheld viruses a significant threat?. Communications of the ACM, 2001, 44, 105-107.	4.5	20
66	Conduit cascades and secure synchronization. , 2000, , .		7
67	Evaluating system integrity. , 1998, , .		8
68	A kernelized architecture for multilevel secure application policies. Lecture Notes in Computer Science, 1998, , 33-49.	1.3	3
69	External Consistency and the Verification of Security Protocols. Lecture Notes in Computer Science, 1998, , 24-27.	1.3	1
70	Building Chinese walls in standard unix™. Computers and Security, 1997, 16, 551-563.	6.0	4
71	The specification and implementation of "commercial" security requirements including dynamic segregation of duties. , 1997, , .		28
72	Specifying Security for Computer Supported Collaborative Working. Journal of Computer Security, 1995, 3, 233-253.	0.8	10

#	ARTICLE	IF	CITATIONS
73	Aggregation and Separation as Noninterference Properties. Journal of Computer Security, 1992, 1, 159-188.	0.8	25
74	Multilevel Security and Quality of Protection. , 0, , 93-105.		11