Andrea Saracino

List of Publications by Year
in descending order

55 papers	**861** citations	933264 **10** h-index	580701 **25** g-index
60 all docs	**60** docs citations	**60** times ranked	**715** citing authors

#	ARTICLE	IF	CITATIONS
1	Privacy preserving data sharing and analysis for edge-based architectures. International Journal of Information Security, 2022, 21, 79-101.	2.3	6
2	Ask a(n)droid to tell you the odds: probabilistic security-by-contract for mobile devices. Soft Computing, 2021, 25, 2295-2314.	2.1	1
3	Using recurrent neural networks for continuous authentication through gait analysis. Pattern Recognition Letters, 2021, 147, 157-163.	2.6	27
4	Preserving Privacy in the Globalized Smart Home: The SIFIS-Home Project. IEEE Security and Privacy, 2021, , 2-13.	1.5	2
5	Digital Waste Disposal: an automated framework for analysis of spam emails. International Journal of Information Security, 2020, 19, 499-522.	2.3	4
6	RESPOnSEâ€"A Framework for Enforcing Risk-Aware Security Policies in Constrained Dynamic Environments. Sensors, 2020, 20, 2960.	2.1	1
7	Distributed UCON in CoAP and MQTT Protocols. Lecture Notes in Computer Science, 2020, , 35-52.	1.0	3
8	Improving security in industry 4.0 by extending OPC-UA with usage control. , 2020, , .		5
9	Managing QoS in Smart Buildings Through Software Defined Network and Usage Control. , 2019, , .		1
10	Obligation Management in Usage Control Systems. , 2019, , .		2
11	A scheme for the sticky policy representation supporting secure cyber-threat intelligence analysis and sharing. Information and Computer Security, 2019, 27, 687-710.	1.5	0
12	Towards General Scheme for Data Sharing Agreements Empowering Privacy-Preserving Data Analysis of Structured CTI. Lecture Notes in Computer Science, 2019, , 192-212.	1.0	1
13	Using IFTTT to Express and Enforce UCON Obligations. Lecture Notes in Computer Science, 2019, , 213-231.	1.0	3
14	Enhancing Usage Control for Performance: An Architecture for Systems of Systems. Lecture Notes in Computer Science, 2019, , 69-84.	1.0	1
15	Risk analysis of Android applications: A user-centric solution. Future Generation Computer Systems, 2018, 80, 505-518.	4.9	39
16	MADAM: Effective and Efficient Behavior-based Android Malware Detection and Prevention. IEEE Transactions on Dependable and Secure Computing, 2018, 15, 83-97.	3.7	282
17	Too Long, did not Enforce. , 2018, , .		9
18	Not so Crisp, Malware! Fuzzy Classification of Android Malware Classes. , 2018, , .		0

#	Article	IF	Citations
19	Walking Through the Deep: Gait Analysis for User Authentication Through Deep Learning. IFIP Advances in Information and Communication Technology, 2018, , 62-76.	0.5	8
20	Privacy Preserving Distributed Attribute Computation for Usage Control in the Internet of Things. , 2018, , .		3
21	Practical Location Validation in Participatory Sensing Through Mobile WiFi Hotspots. , 2018, , .		1
22	Privacy Preserving Distributed Computation of Private Attributes for Collaborative Privacy Aware Usage Control Systems. , 2018, , .		2
23	Introducing Usage Control in MQTT. Lecture Notes in Computer Science, 2018, , 35-43.	1.0	8
24	Stateful Data Usage Control for Android Mobile Devices. International Journal of Information Security, 2017, 16, 345-369.	2.3	19
25	BRIDEMAID. , 2017, , .		49
26	A Distributed Framework for Collaborative and Dynamic Analysis of Android Malware. , 2017, , .		12
27	Try Walking in My Shoes, if You Can: Accurate Gait Recognition Through Deep Learning. Lecture Notes in Computer Science, 2017, , 384-395.	1.0	15
28	Implementing Usage Control in Internet of Things: A Smart Home Use Case. , 2017, , .		38
29	Privacy-preserving text mining as a service. , 2017, , .		8
30	Improving MQTT by Inclusion of Usage Control. Lecture Notes in Computer Science, 2017, , 545-560.	1.0	14
31	Smart Parental Advisory: A Usage Control and Deep Learning-Based Framework for Dynamic Parental Control on Smart TV. Lecture Notes in Computer Science, 2017, , 118-133.	1.0	8
32	Concurrent History-based Usage Control Policies. , 2017, , .		0
33	On Probabilistic Application Compliance. , 2016, , .		1
34	I find your behavior disturbing: Static and dynamic app behavioral analysis for detection of Android malware. , 2016, , .		15
35	Modeling Privacy Aware Information Sharing Systems: A Formal and General Approach. , 2016, , .		19
36	Collaborative Attribute Retrieval in Environment with Faulty Attribute Managers. , 2016, , .		6

#	Article	IF	Citations
37	Fast and Effective Clustering of Spam Emails Based on Structural Similarity. Lecture Notes in Computer Science, 2016, , 195-211.	1.0	11
38	Data-Sluice: Fine-grained traffic control for Android application. , 2016, , .		5
39	LVS: A WiFi-based system to tackle Location Spoofing in location-based services. , 2016, , .		3
40	Enforcement of U-XACML History-Based Usage Control Policy. Lecture Notes in Computer Science, 2016, , 64-81.	1.0	5
41	Enhancing Android permission through usage control. , 2016, , .		8
42	Detection of repackaged mobile applications through a collaborative approach. Concurrency Computation Practice and Experience, 2015, 27, 2818-2838.	1.4	19
43	Preserving QoI in participatory sensing by tackling location-spoofing through mobile WiFi hotspots. , 2015, , .		5
44	Digital Waste Sorting: A Goal-Based, Self-Learning Approach to Label Spam Email Campaigns. Lecture Notes in Computer Science, 2015, , 3-19.	1.0	4
45	Addressing privacy issues in location-based collaborative and distributed environments. , 2014, , .		1
46	Stateful Usage Control for Android Mobile Devices. Lecture Notes in Computer Science, 2014, , 97-112.	1.0	3
47	Classifying Android Malware through Subgraph Mining. Lecture Notes in Computer Science, 2014, , 268-283.	1.0	9
48	Introducing Probabilities in Contract-Based Approaches for Mobile Application Security. Lecture Notes in Computer Science, 2014, , 284-299.	1.0	4
49	A collaborative framework for generating probabilistic contracts. , 2013, , .		4
50	Probabilistic Contract Compliance for Mobile Applications. , 2013, , .		5
51	Evaluating the Trust of Android Applications through an Adaptive and Distributed Multi-criteria Approach. , 2013, , .		7
52	Towards enforcing on-the-fly policies in BYOD environments. , 2013, , .		12
53	MADAM: A Multi-level Anomaly Detector for Android Malware. Lecture Notes in Computer Science, 2012, , 240-253.	1.0	123
54	A Multi-criteria-Based Evaluation of Android Applications. Lecture Notes in Computer Science, 2012, , 67-82.	1.0	12

#	Article	IF	Citations
55	Exploiting If This Then That and Usage Control obligations for Smart Home security and management. Concurrency Computation Practice and Experience, 0, , e6189.	1.4	1