

# Barbara Carminati

## List of Publications by Year in descending order

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114  
papers

2,063  
citations

430843

18  
h-index

377849

34  
g-index

119  
all docs

119  
docs citations

119  
times ranked

1068  
citing authors

#	ARTICLE	IF	CITATIONS
1	Blockchain-Based Privacy Enforcement in the IoT Domain. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 3887-3898.	5.4	8
2	Privacy-Aware Personal Data Storage (P-PDS): Learning how to Protect User Privacy from External Applications. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 889-903.	5.4	10
3	Privacy-Aware Access Control in Decentralized Online Social Networks. , 2021, , 1-4.		0
4	LiMNet: Early-Stage Detection of IoT Botnets with Lightweight Memory Networks. Lecture Notes in Computer Science, 2021, , 605-625.	1.3	1
5	PAutoBotCatcher: A blockchain-based privacy-preserving botnet detector for Internet of Things. Computer Networks, 2021, 200, 108512.	5.1	8
6	Requirements and Challenges for Secure and Trustworthy UAS Collaboration. , 2020, , .		2
7	Adapting Users' Privacy Preferences in Smart Environments. , 2019, , .		2
8	Risk Assessment in Social Networks Based on User Anomalous Behaviors. IEEE Transactions on Dependable and Secure Computing, 2018, 15, 295-308.	5.4	23
9	Knowledge-based approaches for identity management in online social networks. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2018, 8, e1260.	6.8	2
10	Privacy in Web Service Transactions: A Tale of More than a Decade of Work. IEEE Transactions on Services Computing, 2018, 11, 448-465.	4.6	3
11	AutoBotCatcher: Blockchain-Based P2P Botnet Detection for the Internet of Things. , 2018, , .		32
12	Enhanced Audit Strategies for Collaborative and Accountable Data Sharing in Social Networks. ACM Transactions on Internet Technology, 2018, 18, 1-19.	4.4	3
13	Decentralizing privacy enforcement for Internet of Things smart objects. Computer Networks, 2018, 143, 112-125.	5.1	22
14	Secure Data Outsourcing. , 2018, , 3338-3345.		0
15	An extended access control mechanism exploiting data dependencies. International Journal of Information Security, 2017, 16, 75-89.	3.4	1
16	SAMPAC. , 2017, , .		26
17	Learning Privacy Habits of PDS Owners. , 2017, , .		7
18	Anomalous change detection in time-evolving OSNs. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
19	COIP – Continuous, Operable, Impartial, and Privacy-Aware Identity Validity Estimation for OSN Profiles. ACM Transactions on the Web, 2016, 10, 1-41.	2.5	4
20	A Language and an Inference Engine for Twitter Filtering Rules. , 2016, , .		2
21	Privacy Settings Recommender for Online Social Network. , 2016, , .		7
22	A Risk-Benefit Driven Architecture for Personal Data Release (Invited Paper). , 2016, , .		3
23	LAMP - Label-Based Access-Control for More Privacy in Online Social Networks. Lecture Notes in Computer Science, 2016, , 171-186.	1.3	1
24	Enhancing User Control on Personal Data Usage in Internet of Things Ecosystems. , 2016, , .		17
25	Emergency-Driven Assured Information Sharing in Secure Online Social Networks: A Position Paper. , 2016, , .		3
26	CrowdSelect. , 2016, , .		23
27	CADIVa: cooperative and adaptive decentralized identity validation model for social networks. Social Network Analysis and Mining, 2016, 6, 1.	2.8	4
28	Beat the DIVa - decentralized identity validation for online social networks. , 2016, , .		0
29	Trustworthy and effective person-to-person payments over multi-hop MANETs. Journal of Network and Computer Applications, 2016, 60, 1-18.	9.1	5
30	Detection of Unspecified Emergencies for Controlled Information Sharing. IEEE Transactions on Dependable and Secure Computing, 2016, 13, 630-643.	5.4	5
31	Gossip-Based Behavioral Group Identification in Decentralized OSNs. Lecture Notes in Computer Science, 2016, , 676-691.	1.3	0
32	Graph Based Local Risk Estimation in Large Scale Online Social Networks. , 2015, , .		5
33	DIVa. , 2015, , .		10
34	CARDS - Collaborative Audit and Report Data Sharing for A-Posteriori Access Control in DOSNs. , 2015, , .		5
35	What Happens to My Online Social Estate When I Am Gone? An Integrated Approach to Posthumous Online Data Management. , 2015, , .		5
36	Privacy Preserving Decentralized Identity Validation for Geo-social Networks over MANET. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
37	A Privacy-Preserving Framework for Constrained Choreographed Service Composition. , 2015, , .		11
38	Evolutionary Inference of Attribute-Based Access Control Policies. Lecture Notes in Computer Science, 2015, , 351-365.	1.3	35
39	Secure Web Service Composition with Untrusted Broker. , 2014, , .		10
40	Editorial: Collaborative Computing: Networking, Applications and Worksharing (CollaborateCom) Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50	3.3	2
41	Community-Based Identity Validation on Online Social Networks. , 2014, , .		10
42	Detecting anomalies in social network data consumption. Social Network Analysis and Mining, 2014, 4, 1.	2.8	11
43	Relationship-based information sharing in cloud-based decentralized social networks. , 2014, , .		4
44	Secure Data Outsourcing. , 2014, , 1-8.		0
45	User similarities on social networks. Social Network Analysis and Mining, 2013, 3, 475-495.	2.8	72
46	A System to Filter Unwanted Messages from OSN User Walls. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 285-297.	5.7	35
47	Enforcing Trust Preferences in Mobile Person-to-Person Payments. , 2013, , .		4
48	Controlled information sharing for unspecified emergencies. , 2013, , .		1
49	Security and Trust in Online Social Networks. Synthesis Lectures on Information Security Privacy and Trust, 2013, 4, 1-120.	0.3	21
50	A System for Timely and Controlled Information Sharing in Emergency Situations. IEEE Transactions on Dependable and Secure Computing, 2013, 10, 129-142.	5.4	10
51	SHARE: Secure information sharing framework for emergency management. , 2013, , .		2
52	Policy-Compliant Search Query Routing for Web Service Discovery in Peer to Peer Networks. , 2013, , .		3
53	WS-Rec: Web services recommendations using heterogeneous criteria. , 2013, , .		0
54	Privacy Aware Service Selection of Composite Web Services. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
55	Performance analysis of relationship-based access control in OSNs. , 2012, , .		2
56	Privacy in Social Networks: How Risky is Your Social Graph?. , 2012, , .		43
57	Risks of Friendships on Social Networks. , 2012, , .		12
58	Trust and Share: Trusted Information Sharing in Online Social Networks. , 2012, , .		6
59	A multi-layer framework for personalized social tag-based applications. Data and Knowledge Engineering, 2012, 79-80, 62-86.	3.4	0
60	A Multi-dimensional and Event-Based Model for Trust Computation in the Social Web. Lecture Notes in Computer Science, 2012, , 323-336.	1.3	11
61	Policies for Composed Emergencies in Support of Disaster Management. Lecture Notes in Computer Science, 2012, , 75-92.	1.3	0
62	P3D - Privacy-Preserving Path Discovery in Decentralized Online Social Networks. , 2011, , .		8
63	CASTLE: Continuously Anonymizing Data Streams. IEEE Transactions on Dependable and Secure Computing, 2011, 8, 337-352.	5.4	86
64	A Privacy-Preserving Approach for Web Service Selection and Provisioning. , 2011, , .		20
65	Network and profile based measures for user similarities on social networks. , 2011, , .		45
66	Secure Information Sharing on Support of Emergency Management. , 2011, , .		10
67	Semantic web-based social network access control. Computers and Security, 2011, 30, 108-115.	6.0	95
68	A probability-based approach to modeling the risk of unauthorized propagation of information in on-line social networks. , 2011, , .		10
69	Collaborative Access Control in On-line Social Networks. , 2011, , .		46
70	Guest Editorial SACMAT 2009 and 2010. ACM Transactions on Information and System Security, 2011, 14, 1-2.	4.5	0
71	Content-Based Filtering in On-Line Social Networks. Lecture Notes in Computer Science, 2011, , 127-140.	1.3	31
72	A framework to enforce access control over data streams. ACM Transactions on Information and System Security, 2010, 13, 1-31.	4.5	44

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73	The Quality Social Network: A collaborative environment for personalizing Web access. , 2009, , .		1
74	ACStream: Enforcing Access Control over Data Streams. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	20
75	A semantic web based framework for social network access control. , 2009, , .		116
76	Enforcing relationships privacy through collaborative access control in web-based Social Networks. , 2009, , .		17
77	Enforcing access control in Web-based social networks. ACM Transactions on Information and System Security, 2009, 13, 1-38.	4.5	214
78	Computing Reputation for Collaborative Private Networks. , 2009, , .		13
79	Compatibility-driven and adaptable service composition. , 2009, , .		2
80	Trust-based Information Sharing in Collaborative Communities: Issues and Challenges. , 2009, , 83-92.		1
81	Secure Data Outsourcing. , 2009, , 2523-2528.		0
82	Security and Privacy in Social Networks. , 2009, , 3369-3376.		6
83	Privacy-Aware Collaborative Access Control in Web-Based Social Networks. Lecture Notes in Computer Science, 2008, , 81-96.	1.3	40
84	CASTLE: A delay-constrained scheme for k&lt;inf&gt;s&lt;/inf&gt;-anonymizing data streams. , 2008, , .		19
85	Access control and privacy in web-based social networks. International Journal of Web Information Systems, 2008, 4, 395-415.	2.4	23
86	Message from the SSW&#x2019;08 organizers. , 2008, , .		0
87	A Decentralized Security Framework for Web-Based Social Networks. International Journal of Information Security and Privacy, 2008, 2, 22-53.	0.8	14
88	Secure Web Service Composition. , 2008, , 50-70.		0
89	Enforcing access control over data streams. , 2007, , .		25
90	Private Relationships in Social Networks. , 2007, , .		35

#	ARTICLE	IF	CITATIONS
91	Security Conscious Web Service Composition with Semantic Web Support. , 2007, , .		15
92	Towards Secure Execution Orders for CompositeWeb Services. , 2007, , .		16
93	Specifying Access Control Policies on Data Streams. , 2007, , 410-421.		12
94	Secure Outsourcing of Geographical Data Over the Web: Techniques and Architectures. , 2007, , 215-234.		0
95	Rule-Based Access Control for Social Networks. Lecture Notes in Computer Science, 2006, , 1734-1744.	1.3	125
96	Security Conscious Web Service Composition. , 2006, , .		74
97	Access control for web data: models and policy languages. Annales Des Telecommunications/Annals of Telecommunications, 2006, 61, 245-266.	2.5	7
98	Confidentiality Enforcement for XML Outsourced Data. Lecture Notes in Computer Science, 2006, , 234-249.	1.3	3
99	Securing XML data in third-party distribution systems. , 2005, , .		25
100	AC-XML documents. , 2005, , .		10
101	Exploring Privacy Issues in Web Services Discovery Agencies. IEEE Security and Privacy, 2005, 3, 14-21.	1.2	29
102	Trusted Privacy Manager: A System for Privacy Enforcement. , 2005, , .		1
103	Selective and authentic third-party distribution of XML documents. IEEE Transactions on Knowledge and Data Engineering, 2004, 16, 1263-1278.	5.7	104
104	Access control for XML documents and data. Information Security Technical Report, 2004, 9, 19-34.	1.3	27
105	Merkle Tree Authentication in UDDI Registries. International Journal of Web Services Research, 2004, 1, 37-57.	0.8	11
106	Management of access control policies for XML document sources. International Journal of Information Security, 2003, 1, 236-260.	3.4	8
107	A temporal key management scheme for secure broadcasting of XML documents. , 2002, , .		35
108	Secure Publishing of XML Documents. Lecture Notes in Computer Science, 2002, , 587-596.	1.3	0

#	ARTICLE	IF	CITATIONS
109	XML security. Information Security Technical Report, 2001, 6, 44-58.	1.3	9
110	A Secure Publishing Service for Digital Libraries of XML Documents. Lecture Notes in Computer Science, 2001, , 347-362.	1.3	3
111	Secure Third Party Distribution of XML Data. , 0, , .		6
112	Web Service Composition: A Security Perspective. , 0, , .		20
113	Authentication Techniques for UDDI Registries. , 0, , 9-30.		0
114	Privacy Issues in the Web Services Architecture. , 0, , 29-55.		0