Antonio MaÃ±a GÃ³mez

List of Publications by Year
in descending order

82	491	932766
papers	citations	10
		h-index

1058022
14
g-index

94	94	94	292
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Special issue on "Recent advances in ambient intelligence towards a smart and human-centered internet of things". Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 727-729.	3.3	3
2	Interdisciplinarity in practice: Challenges and benefits for privacy research. Computer Law and Security Review, 2017, 33, 864-869.	1.3	2
3	Towards Transparent and Trustworthy Cloud. IEEE Cloud Computing, 2017, 4, 40-48.	5.3	3
4	Security knowledge representation artifacts for creating secure IT systems. Computers and Security, 2017, 64, 69-91.	4.0	7
5	An Integrated Security and Systems Engineering Process and Modelling Framework. Computer Journal, 2015, 58, 2328-2350.	1.5	11
6	An immersive view approach by secure interactive multimedia proof-of-concept implementation. Multimedia Tools and Applications, 2015, 74, 8401-8420.	2.6	3
7	A security engineering process for systems of systems using security patterns. , 2014, , .		4
8	Towards a Multidisciplinary Framework to Include Privacy in the Design of Video Surveillance Systems. Lecture Notes in Computer Science, 2014, , 101-116.	1.0	3
9	Software and Hardware Certification Techniques in a Combined Certification Model. , 2014, , .		2
10	Security Assurance of Services through Digital Security Certificates. , 2013, , .		10
11	Improving Interoperability of Digital Certificates for Software & Services. , 2013, , .		0
12	Workflow Operational Assurance Platform for Security-by-Design Certified Service-Based Coalitions. , 2013, , .		0
13	Bridging the GAP between Software Certification and Trusted Computing for Securing Cloud Computing. , 2013, , .		9
14	Secure Engineering and Modelling of a Metering Devices System. , 2013, , .		2
15	Dynamic Security Properties Monitoring Architecture for Cloud Computing. , 2013, , 1-18.		5
16	A Performance-Oriented Monitoring System for Security Properties in Cloud Computing Applications. Computer Journal, 2012, 55, 979-994.	1.5	26
17	Security Engineering and Modelling of Set-Top Boxes. , 2012, , .		2
18	Certifying Services in Cloud: The Case for a Hybrid, Incremental and Multi-layer Approach. , 2012, , .		13

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19	Security-enhanced ambient assisted living supporting school activities during hospitalisation. Journal of Ambient Intelligence and Humanized Computing, 2012, 3, 177-192.	3.3	10
20	A Methodology for the Analysis and Modeling of Security Threats and Attacks for Systems of Embedded Components. , 2012, , .		23
21	A trust negotiation based security framework for service provisioning in load-balancing clusters. Computers and Security, 2012, 31, 4-25.	4.0	7
22	Authentication and Authorization in Ambient Assisting Living Applications: An Approach for UniversAAL. Lecture Notes in Computer Science, 2012, , 135-142.	1.0	0
23	ConTur: An Intelligent Content Management System for the Tourism Sector. , 2012, , 36-47.		1
24	Dynamic security monitoring for Virtualized Environments in Cloud computing. , 2011, , .		7
25	Multi-layer Monitoring for Cloud Computing. , 2011, , .		6
26	A Distributed Secure Ontology for Certified Services Oriented Applications. , 2011, , .		0
27	Multiagent Systems Protection. Advances in Software Engineering, 2011, 2011, 1-9.	0.6	2
28	TPMâ€based protection for mobile agents. Security and Communication Networks, 2011, 4, 45-60.	1.0	19
29	A Security Modelling Framework for Systems of Embedded Components. , 2011, , .		2
30	A security-focused engineering process for systems of embedded components. , 2011, , .		3
31	Policy Based Management for Security in Cloud Computing. Communications in Computer and Information Science, 2011, , 130-137.	0.4	13
32	Facilitating the Use of TPM Technologies Using the Serenity Framework. Lecture Notes in Computer Science, 2011, , 164-174.	1.0	1
33	Interoperable semantic access control for highly dynamic coalitions. Security and Communication Networks, 2010, 3, 565-594.	1.0	6
34	Security engineering for embedded systems. , 2010, , .		6
35	A Solution Based on Cryptographic Hardware to Protect Agents. , 2010, , .		2
36	From Web Data to Entities and Back. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2010, , 302-316.	0.2	6

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37	ASSERT4SOA: Toward Security Certification of Service-Oriented Applications. Lecture Notes in Computer Science, 2010, , 38-40.	1.0	6
38	Policy-Based Security Engineering of Service Oriented Systems. , 2010, , 392-406.		0
39	AVISPA in the Validation of Ambient Intelligence Scenarios. , 2009, , .		6
40	Toward WS-certificate. , 2009, , .		10
41	SecMiLiA: An Approach in the Agent Protection. , 2009, , .		2
42	The role of Trusted Computing in secure agent migration. , 2009, , .		2
43	Development of Applications Based on Security Patterns. , 2009, , .		4
44	Agent Protection Based on the Use of Cryptographic Hardware. , 2009, , .		4
45	SERENITY Aware System Development Process. Advances in Information Security, 2009, , 165-179.	0.9	2
46	Representation of Security and Dependability Solutions. Advances in Information Security, 2009, , 69-95.	0.9	4
47	A Hardware Based Infrastructure for Agent Protection. Advances in Soft Computing, 2009, , 39-47.	0.4	2
48	SECURITY AND DEPENDABILITY IN AMBIENT INTELLIGENCE SCENARIOS - The Communication Prototype. , 2009, , .		2
49	SERENITY Aware Development of Security and Dependability Solutions. Advances in Information Security, 2009, , 127-141.	0.9	0
50	Introduction: The SERENITY vision. Advances in Information Security, 2009, , 1-18.	0.9	0
51	The SERENITY Runtime Framework. Advances in Information Security, 2009, , 183-198.	0.9	0
52	Pattern Driven Selection and Configuration of S&D Mechanisms at Runtime. Advances in Information Security, 2009, , 199-212.	0.9	0
53	Hardware Protection of Agents in Ubiquitous and Ambient Intelligence Environments. Advances in Intelligent and Soft Computing, 2009, , 470-479.	0.2	0
54	Realising the Potential of Serenity in Emerging AmI Ecosystems:Implications and Challenges. Advances in Information Security, 2009, , 323-342.	0.9	2

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55	Security Aware Development of E-Government Systems. , 2009, , 251-278.		0
56	An Architecture for Secure Ambient Intelligence Environments. Advances in Soft Computing, 2009, , 21-29.	0.4	0
57	Trusted Computing: The Cornerstone in the Secure Migration Library for Agents. Advances in Intelligent and Soft Computing, 2009, , 256-265.	0.2	1
58	Protected Computing Approach: Towards the Mutual Protection of Agent Computing. Advances in Intelligent and Soft Computing, 2009, , 538-547.	0.2	1
59	Entity Name System: The Back-Bone of an Open and Scalable Web of Data. , 2008, , .		34
60	SERENITY Pattern-Based Software Development Life-Cycle. , 2008, , .		9
61	Towards Precise Security Patterns. , 2008, , .		8
62	Towards Formal Specification of Abstract Security Properties. , 2008, , .		12
63	Information Use-Control in E-Government Applications. , 2008, , 1926-1934.		0
64	Facilitating the Use of TPM Technologies through S&D Patterns. , 2007, , .		3
65	Patterns for Automated Management of Security and Dependability Solutions. , 2007, , .		5
66	Towards Secure Agent Computing for Ubiquitous Computing and Ambient Intelligence. Lecture Notes in Computer Science, 2007, , 1201-1212.	1.0	16
67	Trusted Code Execution in JavaCard. Lecture Notes in Computer Science, 2007, , 269-279.	1.0	3
68	Specification and automated processing of security requirements (SAPS'05). , 2005, , .		0
69	A metadata€based access control model for web services. Internet Research, 2005, 15, 99-116.	2.7	15
70	Semantic Access Control Model: A Formal Specification. Lecture Notes in Computer Science, 2005, , 24-43.	1.0	16
71	PKI design based on the use of on-line certification authorities. International Journal of Information Security, 2004, 2, 91-102.	2.3	3
72	A framework for secure execution of software. International Journal of Information Security, 2004, 3, 99-112.	2.3	19

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73	Integrating PMI services in CORBA applications. Computer Standards and Interfaces, 2003, 25, 391-409.	3.8	12
74	A secure solution for commercial digital libraries. Online Information Review, 2003, 27, 147-159.	2.2	7
75	Access Control Infrastructure for Digital Objects. Lecture Notes in Computer Science, 2002, , 399-410.	1.0	8
76	Secure Content Distribution for Digital Libraries. Lecture Notes in Computer Science, 2002, , 483-494.	1.0	3
77	XML-Based Distributed Access Control System. Lecture Notes in Computer Science, 2002, , 203-213.	1.0	10
78	Practical Mobile Digital Signatures. Lecture Notes in Computer Science, 2002, , 224-233.	1.0	2
79	An Efficient Software Protection Scheme. IFIP Advances in Information and Communication Technology, 2001, , 385-401.	0.5	17
80	Distributed Storage and Revocation in Digital Certificate Databases. Lecture Notes in Computer Science, 2000, , 929-938.	1.0	4
81	Cert'eM: Certification System Based on Electronic Mail Service Structure. Lecture Notes in Computer Science, 1999, , 109-118.	1.0	0
82	Policy-Based Security Engineering of Service Oriented Systems. , 0, , 118-133.		1