

Félix Jesús García Clemente

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

1,535
citations

516710

16
h-index

330143

37
g-index

81
all docs

81
docs citations

81
times ranked

1788
citing authors

#	ARTICLE	IF	CITATIONS
1	Precise: Privacy-aware recommender based on context information for cloud service environments. IEEE Communications Magazine, 2014, 52, 90-96.	6.1	569
2	A Self-Adaptive Deep Learning-Based System for Anomaly Detection in 5G Networks. IEEE Access, 2018, 6, 7700-7712.	4.2	196
3	On the Generation of Anomaly Detection Datasets in Industrial Control Systems. IEEE Access, 2019, 7, 177460-177473.	4.2	58
4	Intelligent and Dynamic Ransomware Spread Detection and Mitigation in Integrated Clinical Environments. Sensors, 2019, 19, 1114.	3.8	55
5	SeCoMan: A Semantic-Aware Policy Framework for Developing Privacy-Preserving and Context-Aware Smart Applications. IEEE Systems Journal, 2016, 10, 1111-1124.	4.6	52
6	Dynamic management of a deep learning-based anomaly detection system for 5G networks. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3083-3097.	4.9	42
7	Design of a recommender system based on usersŃ™ behavior and collaborative location and tracking. Journal of Computational Science, 2016, 12, 83-94.	2.9	33
8	MADICS: A Methodology for Anomaly Detection in Industrial Control Systems. Symmetry, 2020, 12, 1583.	2.2	33
9	Automatic Generation and Easy Deployment of Digitized Laboratories. IEEE Transactions on Industrial Informatics, 2020, 16, 7328-7337.	11.3	30
10	Semantic-aware multi-tenancy authorization system for cloud architectures. Future Generation Computer Systems, 2014, 32, 154-167.	7.5	28
11	Dynamic Reconfiguration in 5G Mobile Networks to Proactively Detect and Mitigate Botnets. IEEE Internet Computing, 2017, 21, 28-36.	3.3	28
12	On the performance of a deep learning-based anomaly detection system for 5G networks. , 2017, , .		22
13	Self-Organized Laboratories for Smart Campus. IEEE Transactions on Learning Technologies, 2020, 13, 404-416.	3.2	22
14	POSITIF: A Policy-Based Security Management System. , 2007, , .		21
15	Semantic-based authorization architecture for Grid. Future Generation Computer Systems, 2011, 27, 40-55.	7.5	19
16	SafeMan: A unified framework to manage cybersecurity and safety in manufacturing industry. Software - Practice and Experience, 2021, 51, 607-627.	3.6	19
17	Detection of semantic conflicts in ontology and rule-based information systems. Data and Knowledge Engineering, 2010, 69, 1117-1137.	3.4	18
18	Sustainable securing of Medical Cyber-Physical Systems for the healthcare of the future. Sustainable Computing: Informatics and Systems, 2018, 19, 138-146.	2.2	18

#	ARTICLE	IF	CITATIONS
19	Towards the autonomous provision of self-protection capabilities in 5G networks. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 4707-4720.	4.9	16
20	Using Dimensionality Reduction Techniques for Refining Passive Indoor Positioning Systems Based on Radio Fingerprinting. Sensors, 2017, 17, 871.	3.8	13
21	PALOT: Profiling and Authenticating Users Leveraging Internet of Things. Sensors, 2019, 19, 2832.	3.8	13
22	Dynamic network slicing management of multimedia scenarios for future remote healthcare. Multimedia Tools and Applications, 2019, 78, 24707-24737.	3.9	13
23	ICE++: Improving Security, QoS, and High Availability of Medical Cyber-Physical Systems through Mobile Edge Computing. , 2018, , .		12
24	FARMIT: continuous assessment of crop quality using machine learning and deep learning techniques for IoT-based smart farming. Cluster Computing, 2022, 25, 2163-2178.	5.0	11
25	Human behavior monitoring using a passive indoor positioning system: a case study in a SME. Procedia Computer Science, 2017, 110, 182-189.	2.0	10
26	COntVIDa: COVID-19 multidisciplinary data collection and dashboard. Journal of Biomedical Informatics, 2021, 117, 103760.	4.3	10
27	A Dynamic Continuous Authentication Framework in IoT-Enabled Environments. , 2018, , .		9
28	Policy-Based Management for Green Mobile Networks Through Software-Defined Networking. Mobile Networks and Applications, 2019, 24, 657-666.	3.3	9
29	A Scalable Architecture for the Dynamic Deployment of Multimodal Learning Analytics Applications in Smart Classrooms. Sensors, 2020, 20, 2923.	3.8	9
30	Towards semantic web-based management of security services. Annales Des Telecommunications/Annals of Telecommunications, 2008, 63, 183-193.	2.5	8
31	An Architecture to use Easy Java-Javascript Simulations in New Devices**Sponsor and financial support acknowledgment goes here. Paper titles should be written in uppercase and lowercase letters, not all uppercase.. IFAC-PapersOnLine, 2015, 48, 129-133.	0.9	8
32	Automatic monitoring management for 5G mobile networks. Procedia Computer Science, 2017, 110, 328-335.	2.0	8
33	Enabling Highly Dynamic Mobile Scenarios with Software Defined Networking. , 2017, 55, 108-113.		7
34	Preserving patientsâ€™ privacy in health scenarios through a multicontext-aware system. Annales Des Telecommunications/Annals of Telecommunications, 2017, 72, 577-587.	2.5	7
35	Practical passive localization system based on wireless signals for fast deployment of occupancy services. Future Generation Computer Systems, 2020, 107, 692-704.	7.5	7
36	Taxonomy of trust relationships in authorization domains for cloud computing. Journal of Supercomputing, 2014, 70, 1075-1099.	3.6	6

#	ARTICLE	IF	CITATIONS
37	On the Application of the Semantic Web Rule Language in the Definition of Policies for System Security Management. Lecture Notes in Computer Science, 2005, , 69-78.	1.3	6
38	Collecting Experience Data from Remotely Hosted Learning Applications. Lecture Notes in Networks and Systems, 2018, , 170-181.	0.7	6
39	A privacy-preserving recommender system for mobile commerce. , 2015, , .		5
40	Policy-based network slicing management for future mobile communications. , 2018, , .		5
41	Crafting Adversarial Samples for Anomaly Detectors in Industrial Control Systems. Procedia Computer Science, 2021, 184, 573-580.	2.0	5
42	Description of Policies Enriched by Semantics for Security Management. , 2006, , 364-390.		5
43	Managing semantic-aware policies in a distributed firewall scenario. Internet Research, 2007, 17, 362-377.	4.9	4
44	Secure overlay networks for federated service provision and management. Computers and Electrical Engineering, 2008, 34, 173-191.	4.8	4
45	Building and Managing Policy-Based Secure Overlay Networks. , 2008, , .		4
46	Validating Passive Localization Methods for Occupancy Sensing Systems in Wireless Environments: A Case Study. Procedia Computer Science, 2016, 94, 57-64.	2.0	4
47	Mitigation of cyber threats: Protection mechanisms in federated SDN/NFV infrastructures for 5G within FIRE+. Concurrency Computation Practice and Experience, 2021, 33, 1-1.	2.2	4
48	Semantic Web-Based Management of Routing Configurations. Journal of Network and Systems Management, 2011, 19, 209-229.	4.9	3
49	A new Model for a Remote Connection with Hardware Devices using Javascript**This work was supported in part by the Spanish Ministry of Economy and Competitiveness under Project DPI2012-31303.. IFAC-PapersOnLine, 2016, 49, 133-137.	0.9	3
50	Beyond the RSSI value in BLE-based passive indoor localization. , 2018, , .		3
51	PROTECTOR: Towards the protection of sensitive data in Europe and the US. Computer Networks, 2020, 181, 107448.	5.1	3
52	Review and Open Challenges of Public Safety Networks to Manage Emergency Settings in 5G. , 2020, , .		3
53	Policy-Based Management of Web and Information Systems Security. , 2006, , 173-195.		3
54	Analyzing Trends and Patterns Across the Educational Technology Communities Using Fontana Framework. IEEE Access, 2022, 10, 35336-35351.	4.2	3

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55	Multi-layer framework for analysing and managing routing configurations. Computers and Electrical Engineering, 2009, 35, 634-643.	4.8	2
56	Self-Configuration of Grid Nodes Using a Policy-Based Management Architecture. Lecture Notes in Computer Science, 2004, , 158-165.	1.3	2
57	A Management Platform for CitizenĂ©s Data Protection Regulation. Communications in Computer and Information Science, 2019, , 60-72.	0.5	2
58	Security Policy Specification. , 0, , 66-93.		2
59	A Semantically-Rich Management System Based on CIM for the OGSA Security Services. Lecture Notes in Computer Science, 2005, , 473-479.	1.3	1
60	Deployment of a Policy-Based Management System for the Dynamic Provision of IPsec-Based VPNs in IPv6 Networks. , 0, , .		1
61	Dynamic and secure management of VPNs in IPv6 multi-domain scenarios. Computer Communications, 2006, 29, 3122-3134.	5.1	1
62	What Private Information Are You Disclosing? A Privacy-Preserving System Supervised by Yourself. , 2014, , .		1
63	MASTERY: A multicontext-aware system that preserves the users' privacy. , 2016, , .		1
64	A new model for a remote connection with hardware devices using Javascript. , 2016, , .		1
65	Deployment of physics simulation apps using Easy JavaScript Simulations. , 2017, , .		1
66	Malware Detection in Industrial Scenarios Using Machine Learning and Deep Learning Techniques. Advances in Information Security, Privacy, and Ethics Book Series, 2022, , 74-93.	0.5	1
67	A Proposal of a CIM-Based Policy Management Model for the OGSA Security Architecture. Lecture Notes in Computer Science, 2004, , 165-174.	1.3	0
68	Deploying Secure Cryptographic Services in Multi-Domain IPv6 Networks. , 0, , .		0
69	Towards semantic-aware management of security services in GT4. Multiagent and Grid Systems, 2007, 3, 369-379.	0.9	0
70	5G-CAGE: A Context and Situational Awareness System for City Public Safety with Video Processing at a Virtualized Ecosystem. , 2019, , .		0
71	Deployment of a Passive Localization System for Occupancy Services in a Lecture Building. , 2019, , 287-299.		0
72	A Review of MADICS: A Methodology for Anomaly Detection in Industrial Control Systems. ColecciĂ©n Jornadas Y Congresos, 0, , .	0.0	0

#	ARTICLE	IF	CITATIONS
73	Policy-Driven Routing Management Using CIM. Lecture Notes in Computer Science, 2005, , 259-271.	1.3	0
74	Distributed Provision and Management of Security Services in Globus Toolkit 4. Lecture Notes in Computer Science, 2006, , 1325-1335.	1.3	0
75	Description of Policies Enriched by Semantics for Security Management. , 2008, , 162-181.		0
76	Learning Technological Innovation on Mobile Applications by Means of a Spiral of Projects. Advances in Intelligent Systems and Computing, 2017, , 16-28.	0.6	0
77	Context-Aware Systems: Protecting Sensitive Information and Controlling Network Behavior. , 2018, , 1-21.		0
78	A Deep Learning-based System for Network Cyber Threat Detection. , 2019, , 1-25.		0
79	Modern Physics Demonstrations with DIY Smartphone Spectrometers. The Physics Educator, 2022, 04, .	0.4	0