FÃ©lix JesÃºs Garcia Clemente

List of Publications by Year
in descending order

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79	1,535	516710 16	330143 37
papers	citations	h-index	g-index

81	81	81	1788
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Analyzing Trends and Patterns Across the Educational Technology Communities Using Fontana Framework. IEEE Access, 2022, 10, 35336-35351.	4.2	3
3	Modern Physics Demonstrations with DIY Smartphone Spectrometers. The Physics Educator, 2022, 04, .	0.4	0
4	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
5	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
6	SafeMan: A unified framework to manage cybersecurity and safety in manufacturing industry. Software - Practice and Experience, 2021, 51, 607-627.	3.6	19
7	COnVIDa: COVID-19 multidisciplinary data collection and dashboard. Journal of Biomedical Informatics, 2021, 117, 103760.	4.3	10
8	Crafting Adversarial Samples for Anomaly Detectors in Industrial Control Systems. Procedia Computer Science, 2021, 184, 573-580.	2.0	5
9	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
10	Self-Organized Laboratories for Smart Campus. IEEE Transactions on Learning Technologies, 2020, 13, 404-416.	3.2	22
11	MADICS: A Methodology for Anomaly Detection in Industrial Control Systems. Symmetry, 2020, 12, 1583.	2.2	33
12	PROTECTOR: Towards the protection of sensitive data in Europe and the US. Computer Networks, 2020, 181, 107448.	5.1	3
13	Review and Open Challenges of Public Safety Networks to Manage Emergency Settings in 5G. , 2020, , .		3
14	A Scalable Architecture for the Dynamic Deployment of Multimodal Learning Analytics Applications in Smart Classrooms. Sensors, 2020, 20, 2923.	3.8	9
15	Automatic Generation and Easy Deployment of Digitized Laboratories. IEEE Transactions on Industrial Informatics, 2020, 16, 7328-7337.	11.3	30
16	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
17	PALOT: Profiling and Authenticating Users Leveraging Internet of Things. Sensors, 2019, 19, 2832.	3.8	13
18	Intelligent and Dynamic Ransomware Spread Detection and Mitigation in Integrated Clinical Environments. Sensors, 2019, 19, 1114.	3.8	55

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19	Dynamic network slicing management of multimedia scenarios for future remote healthcare. Multimedia Tools and Applications, 2019, 78, 24707-24737.	3.9	13
20	5G-CAGE: A Context and Situational Awareness System for City Public Safety with Video Processing at a Virtualized Ecosystem. , 2019, , .		0
21	On the Generation of Anomaly Detection Datasets in Industrial Control Systems. IEEE Access, 2019, 7, 177460-177473.	4.2	58
22	Deployment of a Passive Localization System for Occupancy Services in a Lecture Building. , 2019, , 287-299.		0
23	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
24	Policy-Based Management for Green Mobile Networks Through Software-Defined Networking. Mobile Networks and Applications, 2019, 24, 657-666.	3.3	9
25	A Management Platform for Citizenâ€™s Data Protection Regulation. Communications in Computer and Information Science, 2019, , 60-72.	0.5	2
26	A Deep Learning-based System for Network Cyber Threat Detection. , 2019, , 1-25.		0
27	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
28	A Self-Adaptive Deep Learning-Based System for Anomaly Detection in 5G Networks. IEEE Access, 2018, 6, 7700-7712.	4.2	196
29	ICE++: Improving Security, QoS, and High Availability of Medical Cyber-Physical Systems through Mobile Edge Computing. , 2018, , .		12
30	Beyond the RSSI value in BLE-based passive indoor localization. , 2018, , .		3
31	A Dynamic Continuous Authentication Framework in IoT-Enabled Environments. , 2018, , .		9
32	Policy-based network slicing management for future mobile communications. , 2018, , .		5
33	Collecting Experience Data from Remotely Hosted Learning Applications. Lecture Notes in Networks and Systems, 2018, , 170-181.	0.7	6
34	Context-Aware Systems: Protecting Sensitive Information and Controlling Network Behavior. , 2018, , 1-21.		0
35	Enabling Highly Dynamic Mobile Scenarios with Software Defined Networking. , 2017, 55, 108-113.		7
36	Deployment of physics simulation apps using Easy JavaScript Simulations. , 2017, , .		1

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37	Dynamic Reconfiguration in 5G Mobile Networks to Proactively Detect and Mitigate Botnets. IEEE Internet Computing, 2017, 21, 28-36.	3.3	28
38	Automatic monitoring management for 5G mobile networks. Procedia Computer Science, 2017, 110, 328-335.	2.0	8
39	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
40	Preserving patientsâ€™ privacy in health scenarios through a multicontext-aware system. Annales Des Telecommunications/Annals of Telecommunications, 2017, 72, 577-587.	2.5	7
41	On the performance of a deep learning-based anomaly detection system for 5G networks. , 2017, , .		22
42	Using Dimensionality Reduction Techniques for Refining Passive Indoor Positioning Systems Based on Radio Fingerprinting. Sensors, 2017, 17, 871.	3.8	13
43	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
44	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
45	MASTERY: A multicontext-aware system that preserves the users' privacy. , 2016, , .		1
46	A new model for a remote connection with hardware devices using Javascript. , 2016, , .		1
47	Validating Passive Localization Methods for Occupancy Sensing Systems in Wireless Environments: A Case Study. Procedia Computer Science, 2016, 94, 57-64.	2.0	4
48	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
49	Design of a recommender system based on usersâ€™ behavior and collaborative location and tracking. Journal of Computational Science, 2016, 12, 83-94.	2.9	33
50	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
51	A privacy-preserving recommender system for mobile commerce. , 2015, , .		5
52	What Private Information Are You Disclosing? A Privacy-Preserving System Supervised by Yourself. , 2014, , .		1
53	Taxonomy of trust relationships in authorization domains for cloud computing. Journal of Supercomputing, 2014, 70, 1075-1099.	3.6	6
54	Precise: Privacy-aware recommender based on context information for cloud service environments. IEEE Communications Magazine, 2014, 52, 90-96.	6.1	569

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55	Semantic-aware multi-tenancy authorization system for cloud architectures. Future Generation Computer Systems, 2014, 32, 154-167.	7.5	28
56	Semantic Web-Based Management of Routing Configurations. Journal of Network and Systems Management, 2011, 19, 209-229.	4.9	3
57	Semantic-based authorization architecture for Grid. Future Generation Computer Systems, 2011, 27, 40-55.	7.5	19
58	Detection of semantic conflicts in ontology and rule-based information systems. Data and Knowledge Engineering, 2010, 69, 1117-1137.	3.4	18
59	Multi-layer framework for analysing and managing routing configurations. Computers and Electrical Engineering, 2009, 35, 634-643.	4.8	2
60	Towards semantic web-based management of security services. Annales Des Telecommunications/Annals of Telecommunications, 2008, 63, 183-193.	2.5	8
61	Secure overlay networks for federated service provision and management. Computers and Electrical Engineering, 2008, 34, 173-191.	4.8	4
62	Building and Managing Policy-Based Secure Overlay Networks. , 2008, , .		4
63	Description of Policies Enriched by Semantics for Security Management. , 2008, , 162-181.		0
64	Managing semanticâ€aware policies in a distributed firewall scenario. Internet Research, 2007, 17, 362-377.	4.9	4
65	POSITIF: A Policy-Based Security Management System. , 2007, , .		21
66	Towards semantic-aware management of security services in GT4. Multiagent and Grid Systems, 2007, 3, 369-379.	0.9	0
67	Dynamic and secure management of VPNs in IPv6 multi-domain scenarios. Computer Communications, 2006, 29, 3122-3134.	5.1	1
68	Policy-Based Management of Web and Information Systems Security. , 2006, , 173-195.		3
69	Description of Policies Enriched by Semantics for Security Management. , 2006, , 364-390.		5
70	Distributed Provision and Management of Security Services in Globus Toolkit 4. Lecture Notes in Computer Science, 2006, , 1325-1335.	1.3	0
71	A Semantically-Rich Management System Based on CIM for the OGSA Security Services. Lecture Notes in Computer Science, 2005, , 473-479.	1.3	1
72	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

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73	Policy-Driven Routing Management Using CIM. Lecture Notes in Computer Science, 2005, , 259-271.	1.3	0
74	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
75	Self-Configuration of Grid Nodes Using a Policy-Based Management Architecture. Lecture Notes in Computer Science, 2004, , 158-165.	1.3	2
76	Deploying Secure Cryptographic Services in Multi-Domain IPv6 Networks. , 0, , .		0
77	Deployment of a Policy-Based Management System for the Dynamic Provision of IPsec-Based VPNs in IPv6 Networks. , 0, , .		1
78	A Review of MADICS: A Methodology for Anomaly Detection in Industrial Control Systems. ColecciÃ³n Jornadas Y Congresos, 0, , .	0.0	0
79	Security Policy Specification. , 0, , 66-93.		2