

# Gregorio Martnez-Prez

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127  
papers

2,100  
citations

20  
h-index

42  
g-index

148  
ext. papers

2,643  
ext. citations

3.3  
avg, IF

5.48  
L-index

#	Paper	IF	Citations
127	Cybersecurity Risks Associated With Brain-Computer Interface Classifications. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , <b>2022</b> , 236-259	0.3	
126	Design of a Security and Trust Framework for 5G Multi-domain Scenarios. <i>Journal of Network and Systems Management</i> , <b>2022</b> , 30, 1	2.1	1
125	Trusted Execution Environment-Enabled Platform for 5G Security and Privacy Enhancement. <i>Studies in Big Data</i> , <b>2022</b> , 203-223	0.9	1
124	Creation of a Dataset Modeling the Behavior of Malware Affecting the Confidentiality of Data Managed by IoT Devices. <i>Studies in Computational Intelligence</i> , <b>2022</b> , 193-225	0.8	
123	SAFECAR: A Brain-Computer Interface and intelligent framework to detect drivers' distractions. <i>Expert Systems With Applications</i> , <b>2022</b> , 203, 117402	7.8	1
122	Neuronal Jamming cyberattack over invasive BCIs affecting the resolution of tasks requiring visual capabilities. <i>Computers and Security</i> , <b>2021</b> , 112, 102534	4.9	2
121	Toward pre-standardization of reputation-based trust models beyond 5G. <i>Computer Standards and Interfaces</i> , <b>2021</b> , 103596	3.5	1
120	SENIOR: An Intelligent Web-Based Ecosystem to Predict High Blood Pressure Adverse Events Using Biomarkers and Environmental Data. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 2506	2.6	1
119	AuthCODE: A privacy-preserving and multi-device continuous authentication architecture based on machine and deep learning. <i>Computers and Security</i> , <b>2021</b> , 103, 102168	4.9	6
118	Security in Brain-Computer Interfaces. <i>ACM Computing Surveys</i> , <b>2021</b> , 54, 1-35	13.4	17
117	Mitigation of cyber threats: Protection mechanisms in federated SDN/NFV infrastructures for 5G within FIRE+. <i>Concurrency Computation Practice and Experience</i> , <b>2021</b> , 33, 1-1	1.4	2
116	SafeMan: A unified framework to manage cybersecurity and safety in manufacturing industry. <i>Software - Practice and Experience</i> , <b>2021</b> , 51, 607-627	2.5	5
115	A Survey on Device Behavior Fingerprinting: Data Sources, Techniques, Application Scenarios, and Datasets. <i>IEEE Communications Surveys and Tutorials</i> , <b>2021</b> , 23, 1048-1077	37.1	10
114	Early DGA-based botnet identification: pushing detection to the edges. <i>Cluster Computing</i> , <b>2021</b> , 24, 1695-1710	2.1	1
113	Nothing to Hide? On the Security and Privacy Threats Beyond Open Data. <i>IEEE Internet Computing</i> , <b>2021</b> , 25, 58-66	2.4	3
112	Breaching Subjects' Thoughts Privacy: A Study with Visual Stimuli and Brain-Computer Interfaces. <i>Journal of Healthcare Engineering</i> , <b>2021</b> , 2021, 5517637	3.7	1
111	Spotting Political Social Bots in Twitter: A Use Case of the 2019 Spanish General Election. <i>IEEE Transactions on Network and Service Management</i> , <b>2020</b> , 17, 2156-2170	4.8	10

110	BEHACOM - a dataset modelling users' behaviour in computers. <i>Data in Brief</i> , <b>2020</b> , 31, 105767	1.2	1
109	. <i>IEEE Access</i> , <b>2020</b> , 8, 10282-10304	3.5	27
108	A Scalable Architecture for the Dynamic Deployment of Multimodal Learning Analytics Applications in Smart Classrooms. <i>Sensors</i> , <b>2020</b> , 20,	3.8	3
107	ReCAN - Dataset for reverse engineering of Controller Area Networks. <i>Data in Brief</i> , <b>2020</b> , 29, 105149	1.2	3
106	UMUDGA: A dataset for profiling DGA-based botnet. <i>Computers and Security</i> , <b>2020</b> , 92, 101719	4.9	17
105	UMUDGA: A dataset for profiling algorithmically generated domain names in botnet detection. <i>Data in Brief</i> , <b>2020</b> , 30, 105400	1.2	8
104	Machine Learning as an Enabler of Continuous and Adaptive Authentication in Multimedia Mobile Devices. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , <b>2020</b> , 21-47	0.3	
103	Intelligent User Profiling Based on Sensors and Location Data to Detect Intrusions on Mobile Devices. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , <b>2020</b> , 1-25	0.3	
102	Identification and Classification of Cyber Threats Through SSH Honeypot Systems. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , <b>2020</b> , 105-129	0.3	2
101	<b>2020</b> ,		12
100	Twitter social bots: The 2019 Spanish general election data. <i>Data in Brief</i> , <b>2020</b> , 32, 106047	1.2	3
99	PROTECTOR: Towards the protection of sensitive data in Europe and the US. <i>Computer Networks</i> , <b>2020</b> , 181, 107448	5.4	2
98	Cyberattacks on Miniature Brain Implants to Disrupt Spontaneous Neural Signaling. <i>IEEE Access</i> , <b>2020</b> , 8, 152204-152222	3.5	8
97	SELFNET 5G mobile edge computing infrastructure: Design and prototyping. <i>Software - Practice and Experience</i> , <b>2020</b> , 50, 741-756	2.5	3
96	Scalable detection of botnets based on DGA. <i>Soft Computing</i> , <b>2020</b> , 24, 5517-5537	3.5	10
95	Screening Out Social Bots Interference: Are There Any Silver Bullets?. <i>IEEE Communications Magazine</i> , <b>2019</b> , 57, 98-104	9.1	4
94	Security, Privacy, and Trust for Cyberphysical-Social Systems. <i>Security and Communication Networks</i> , <b>2019</b> , 2019, 1-2	1.9	
93	Dynamic network slicing management of multimedia scenarios for future remote healthcare. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 24707-24737	2.5	5

92	Towards the autonomous provision of self-protection capabilities in 5G networks. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2019</b> , 10, 4707-4720	3.7	11
91	Detection of economic denial of sustainability (EDoS) threats in self-organizing networks. <i>Computer Communications</i> , <b>2019</b> , 145, 284-308	5.1	17
90	Securing Smart Offices Through an Intelligent and Multi-device Continuous Authentication System. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 73-85	0.3	2
89	A Management Platform for Citizen's Data Protection Regulation. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 60-72	0.3	2
88	Dynamic management of a deep learning-based anomaly detection system for 5G networks. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2019</b> , 10, 3083-3097	3.7	28
87	Policy-Based Management for Green Mobile Networks Through Software-Defined Networking. <i>Mobile Networks and Applications</i> , <b>2019</b> , 24, 657-666	2.9	4
86	Sustainable securing of Medical Cyber-Physical Systems for the healthcare of the future. <i>Sustainable Computing: Informatics and Systems</i> , <b>2018</b> , 19, 138-146	3	10
85	. <i>IEEE Access</i> , <b>2018</b> , 6, 7700-7712	3.5	120
84	Guest Editorial Deep Learning Models for Industry Informatics. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 3166-3169	11.9	2
83	Improving the Security and QoE in Mobile Devices through an Intelligent and Adaptive Continuous Authentication System. <i>Sensors</i> , <b>2018</b> , 18,	3.8	10
82	SecRBAC: Secure data in the Clouds. <i>IEEE Transactions on Services Computing</i> , <b>2017</b> , 10, 726-740	4.8	10
81	OHT: Open and cross-platform GUI testing. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2017</b> , 32, 3231-3243	1.6	
80	Dynamic Reconfiguration in 5G Mobile Networks to Proactively Detect and Mitigate Botnets. <i>IEEE Internet Computing</i> , <b>2017</b> , 21, 28-36	2.4	22
79	Automatic monitoring management for 5G mobile networks. <i>Procedia Computer Science</i> , <b>2017</b> , 110, 328-335	3.5	6
78	Preserving patients' privacy in health scenarios through a multicontext-aware system. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , <b>2017</b> , 72, 577-587	2	7
77	Resolving privacy-preserving relationships over outsourced encrypted data storages. <i>International Journal of Information Security</i> , <b>2016</b> , 15, 195-209	2.8	4
76	SeCoMan: A Semantic-Aware Policy Framework for Developing Privacy-Preserving and Context-Aware Smart Applications. <i>IEEE Systems Journal</i> , <b>2016</b> , 10, 1111-1124	4.3	39
75	I Don't Trust ICT: Research Challenges in Cyber Security. <i>IFIP Advances in Information and Communication Technology</i> , <b>2016</b> , 129-136	0.5	3

74	A Script-Based Prototyping Framework to Boost Agile-UX Developments. <i>Journal of Computer Science and Technology</i> , <b>2016</b> , 31, 1246-1261	1.7	1
73	A lightweight framework for dynamic GUI data verification based on scripts. <i>Software Testing Verification and Reliability</i> , <b>2016</b> , 26, 95-118	0.9	4
72	Design of a recommender system based on users behavior and collaborative location and tracking. <i>Journal of Computational Science</i> , <b>2016</b> , 12, 83-94	3.4	22
71	Improving attack detection in self-organizing networks: A trust-based approach toward alert satisfaction <b>2015</b> ,		2
70	Intercloud Trust and Security Decision Support System: an Ontology-based Approach. <i>Journal of Grid Computing</i> , <b>2015</b> , 13, 425-456	4.2	8
69	Managing XACML systems in distributed environments through Meta-Policies. <i>Computers and Security</i> , <b>2015</b> , 48, 92-115	4.9	7
68	Towards privacy-preserving reputation management for hybrid broadcast broadband applications. <i>Computers and Security</i> , <b>2015</b> , 49, 220-238	4.9	3
67	Dynamic and flexible selection of a reputation mechanism for heterogeneous environments. <i>Future Generation Computer Systems</i> , <b>2015</b> , 49, 113-124	7.5	19
66	Chasing Offensive Conduct in Social Networks. <i>ACM Transactions on Internet Technology</i> , <b>2015</b> , 15, 1-20	3.8	3
65	Taxonomy of trust relationships in authorization domains for cloud computing. <i>Journal of Supercomputing</i> , <b>2014</b> , 70, 1075-1099	2.5	3
64	. <i>IEEE Internet Computing</i> , <b>2014</b> , 18, 32-40	2.4	16
63	Towards the integration of reputation management in OpenID. <i>Computer Standards and Interfaces</i> , <b>2014</b> , 36, 438-453	3.5	10
62	Precise: Privacy-aware recommender based on context information for cloud service environments. <i>IEEE Communications Magazine</i> , <b>2014</b> , 52, 90-96	9.1	427
61	Building a reputation-based bootstrapping mechanism for newcomers in collaborative alert systems. <i>Journal of Computer and System Sciences</i> , <b>2014</b> , 80, 571-590	1	8
60	Trustworthy placements: Improving quality and resilience in collaborative attack detection. <i>Computer Networks</i> , <b>2014</b> , 58, 70-86	5.4	10
59	Live digital, remember digital: State of the art and research challenges. <i>Computers and Electrical Engineering</i> , <b>2014</b> , 40, 109-120	4.3	5
58	Semantic-aware multi-tenancy authorization system for cloud architectures. <i>Future Generation Computer Systems</i> , <b>2014</b> , 32, 154-167	7.5	24
57	A Context-Aware Interaction Model for the Analysis of Users QoE in Mobile Environments. <i>International Journal of Human-Computer Interaction</i> , <b>2014</b> , 30, 946-964	3.6	6

56	Run-time model based framework for automatic evaluation of multimodal interfaces. <i>Journal on Multimodal User Interfaces</i> , <b>2014</b> , 8, 399-427	1.7	3
55	Identity Management in Cloud Systems <b>2014</b> , 177-210		2
54	ROMEO: ReputatiOn Model Enhancing OpenID Simulator. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 193-197		197
53	Definition of an advanced identity management infrastructure. <i>International Journal of Information Security</i> , <b>2013</b> , 12, 173-200	2.8	7
52	RepCIDN: A Reputation-based Collaborative Intrusion Detection Network to Lessen the Impact of Malicious Alarms. <i>Journal of Network and Systems Management</i> , <b>2013</b> , 21, 128-167	2.1	22
51	WSANRep, WSAN Reputation-Based Selection in Open Environments. <i>Wireless Personal Communications</i> , <b>2013</b> , 68, 921-937	1.9	1
50	Privacy-enhanced architecture for smart metering. <i>International Journal of Information Security</i> , <b>2013</b> , 12, 67-82	2.8	20
49	. <i>IEEE Security and Privacy</i> , <b>2013</b> , 11, 34-41	2	11
48	TRIP, a trust and reputation infrastructure-based proposal for vehicular ad hoc networks. <i>Journal of Network and Computer Applications</i> , <b>2012</b> , 35, 934-941	7.9	171
47	Do not snoop my habits: preserving privacy in the smart grid <b>2012</b> , 50, 166-172		107
46	Cloud Computing, Networking, and Services. <i>Journal of Network and Systems Management</i> , <b>2012</b> , 20, 463-467	2.1	3
45	LFTM, linguistic fuzzy trust mechanism for distributed networks. <i>Concurrency Computation Practice and Experience</i> , <b>2012</b> , 24, 2007-2027	1.4	10
44	Meta-Tacs: A Trust Model Demonstration Of Robustness Through A Genetic Algorithm. <i>Intelligent Automation and Soft Computing</i> , <b>2011</b> , 17, 41-59	2.6	7
43	Trust and reputation models comparison. <i>Internet Research</i> , <b>2011</b> , 21, 138-153	4.8	22
42	Semantic Web-Based Management of Routing Configurations. <i>Journal of Network and Systems Management</i> , <b>2011</b> , 19, 209-229	2.1	3
41	Providing trust in wireless sensor networks using a bio-inspired technique. <i>Telecommunication Systems</i> , <b>2011</b> , 46, 163-180	2.3	88
40	Towards Software Quality and User Satisfaction through User Interfaces <b>2011</b> ,		1
39	Semantic-based authorization architecture for Grid. <i>Future Generation Computer Systems</i> , <b>2011</b> , 27, 40-55	5.5	17

38	Enhancing OpenID through a Reputation Framework. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 1-18	0.9	
37	Mobility in Collaborative Alert Systems: Building Trust through Reputation. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 251-262	0.9	3
36	A Proposal for Automatic Testing of GUIs Based on Annotated Use Cases. <i>Advances in Software Engineering</i> , <b>2010</b> , 2010, 1-8		6
35	Linguistic Fuzzy Logic Enhancement of a Trust Mechanism for Distributed Networks <b>2010</b> ,		8
34	Event-driven architecture based on patterns for detecting complex attacks. <i>International Journal of Critical Computer-Based Systems</i> , <b>2010</b> , 1, 283	0.4	1
33	Towards an authorisation model for distributed systems based on the Semantic Web. <i>IET Information Security</i> , <b>2010</b> , 4, 411	1.4	7
32	Towards pre-standardization of trust and reputation models for distributed and heterogeneous systems. <i>Computer Standards and Interfaces</i> , <b>2010</b> , 32, 185-196	3.5	99
31	TRIMS, a privacy-aware trust and reputation model for identity management systems. <i>Computer Networks</i> , <b>2010</b> , 54, 2899-2912	5.4	32
30	PKI-based trust management in inter-domain scenarios. <i>Computers and Security</i> , <b>2010</b> , 29, 278-290	4.9	20
29	Detection of semantic conflicts in ontology and rule-based information systems. <i>Data and Knowledge Engineering</i> , <b>2010</b> , 69, 1117-1137	1.5	15
28	State of the Art in Trust and Reputation Models in P2P networks <b>2010</b> , 761-784		10
27	Intrusion detection using a linguistic hedged fuzzy-XCS classifier system. <i>Soft Computing</i> , <b>2009</b> , 13, 273-290	3.9	9
26	TACS, a Trust Model for P2P Networks. <i>Wireless Personal Communications</i> , <b>2009</b> , 51, 153-164	1.9	28
25	Towards the homogeneous access and use of PKI solutions: Design and implementation of a WS-XKMS server. <i>Journal of Systems Architecture</i> , <b>2009</b> , 55, 289-297	5.5	2
24	Multi-layer framework for analysing and managing routing configurations. <i>Computers and Electrical Engineering</i> , <b>2009</b> , 35, 634-643	4.3	1
23	Security threats scenarios in trust and reputation models for distributed systems. <i>Computers and Security</i> , <b>2009</b> , 28, 545-556	4.9	134
22	<b>2009</b> ,		41
21	Towards semantic web-based management of security services. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , <b>2008</b> , 63, 183-193	2	7

20	Secure overlay networks for federated service provision and management. <i>Computers and Electrical Engineering</i> , <b>2008</b> , 34, 173-191	4.3	3
19	A Linguistic Fuzzy-XCS classifier system. <i>IEEE International Conference on Fuzzy Systems</i> , <b>2007</b> ,		1
18	Managing semantic-aware policies in a distributed firewall scenario. <i>Internet Research</i> , <b>2007</b> , 17, 362-377	4.8	3
17	Key research challenges in network management <b>2007</b> , 45, 104-110		60
16	POSITIF: A Policy-Based Security Management System <b>2007</b> ,		14
15	Dynamic and secure management of VPNs in IPv6 multi-domain scenarios. <i>Computer Communications</i> , <b>2006</b> , 29, 3122-3134	5.1	
14	Dynamic Policy-Based Network Management for a Secure Coalition Environment <b>2006</b> , 44, 58-64		11
13	Description of Policies Enriched by Semantics for Security Management <b>2006</b> , 364-390		5
12	Distributed Provision and Management of Security Services in Globus Toolkit 4. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 1325-1335	0.9	
11	A Semantically-Rich Management System Based on CIM for the OGSA Security Services. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 473-479	0.9	
10	An XML-Seamless Policy Based Management Framework. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 418-423	0.9	1
9	On the Application of the Semantic Web Rule Language in the Definition of Policies for System Security Management. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 69-78	0.9	3
8	Policy-Driven Routing Management Using CIM. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 259-271	0.9	
7	A Proposal of a CIM-Based Policy Management Model for the OGSA Security Architecture. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 165-174	0.9	
6	Policy-based dynamic provision of IP services in a secure VPN coalition scenario <b>2004</b> , 42, 118-124		7
5	New security services based on PKI. <i>Future Generation Computer Systems</i> , <b>2003</b> , 19, 251-262	7.5	6
4	PKI services for IPv6. <i>IEEE Internet Computing</i> , <b>2003</b> , 7, 36-42	2.4	6
3	Implementing RADIUS and diameter AAA systems in IPv6-based scenarios		2

2	A Review of Spotting political social bots in Twitter: A use case of the 2019 Spanish general election	3
1	Noise-based cyberattacks generating fake P300 waves in brain-computer interfaces. <i>Cluster Computing</i> ,1	2.1 1