

# Mario Vega-Barbas

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

241  
citations

1039406

9  
h-index

1058022

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g-index

26  
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26  
docs citations

26  
times ranked

335  
citing authors

#	ARTICLE	IF	CITATIONS
1	Security and Privacy Analysis of Youth-Oriented Connected Devices. <i>Sensors</i> , 2022, 22, 3967.	2.1	3
2	An IoT-Focused Intrusion Detection System Approach Based on Preprocessing Characterization for Cybersecurity Datasets. <i>Sensors</i> , 2021, 21, 656.	2.1	44
3	AFOROS: A Low-Cost Wi-Fi-Based Monitoring System for Estimating Occupancy of Public Spaces. <i>Sensors</i> , 2021, 21, 3863.	2.1	10
4	COMPARATIVE ANALYSIS AND EVALUATION OF THE APPLICATION OF DEEP LEARNING TECHNIQUES TO CYBERSECURITY DATASETS. <i>Dyna (Spain)</i> , 2021, 96, 528-533.	0.1	0
5	Evaluation of Cybersecurity Data Set Characteristics for Their Applicability to Neural Networks Algorithms Detecting Cybersecurity Anomalies. <i>IEEE Access</i> , 2020, 8, 9005-9014.	2.6	32
6	Efficient Distributed Preprocessing Model for Machine Learning-Based Anomaly Detection over Large-Scale Cybersecurity Datasets. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3430.	1.3	17
7	An Approach for the Application of a Dynamic Multi-Class Classifier for Network Intrusion Detection Systems. <i>Electronics (Switzerland)</i> , 2020, 9, 1759.	1.8	7
8	Analizando el auge de Scratch para la ense�anza de la programaci3n. Revisi3n del conocimiento cient�fico publicado en Espa�a. <i>Tarbiya Revista De Investigaci3n E Innovaci3n Educativa</i> , 2020, , 7-32.	0.1	3
9	Outpatient Readmission in Rheumatology: A Machine Learning Predictive Model of Patient�s Return to the Clinic. <i>Journal of Clinical Medicine</i> , 2019, 8, 1156.	1.0	11
10	Characterization of User-Centered Security in Telehealth Services. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 693.	1.2	6
11	P-Ergonomics Platform: Toward Precise, Pervasive, and Personalized Ergonomics using Wearable Sensors and Edge Computing. <i>Sensors</i> , 2019, 19, 1225.	2.1	14
12	Automatic Translation and Enforcement of Cybersecurity Policies Using A High-Level Definition Language. <i>Entropy</i> , 2019, 21, 1180.	1.1	1
13	Ontology-Based System for Dynamic Risk Management in Administrative Domains. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4547.	1.3	8
14	From General Services to Pervasive and Sensitive Services. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2019, , 1152-1164.	0.2	0
15	Interaction Patterns for Smart Spaces: A Confident Interaction Design Solution for Pervasive Sensitive IoT Services. <i>IEEE Access</i> , 2018, 6, 1126-1136.	2.6	10
16	A Different Approach for Digital Pathology: Lexicon-semantic Analysis of Histopathological Reports for the Assessment of their Quality. , 2018, 2018, 4054-4057.		1
17	From General Services to Pervasive and Sensitive Services. , 2018, , 7754-7764.		1
18	Utilizing Smart Textiles-Enabled Sensorized Toy and Playful Interactions for Assessment of Psychomotor Development on Children. <i>Journal of Sensors</i> , 2015, 2015, 1-9.	0.6	21

#	ARTICLE	IF	CITATIONS
19	Adaptive Software Architecture Based on Confident HCI for the Deployment of Sensitive Services in Smart Homes. Sensors, 2015, 15, 7294-7322.	2.1	18
20	Confidence: Dependencies and their critical role in fostering user acceptance in pervasive applications. , 2014, , .		5
21	Intentions: A Confident-Based Interaction Design for Smart Spaces. Lecture Notes in Computer Science, 2013, , 823-826.	1.0	0
22	Smart Spaces and Smart Objects Interoperability Architecture (S3OiA). , 2012, , .		27
23	Un resumen de: Un sistema de detección de intrusiones enfocado en el preprocesamiento de características de red para sistemas IoT. Colección Jornadas Y Congresos, 0, , .	0.0	0
24	The H2020 project RAYUELA: A fun way to fight cybercrime. Colección Jornadas Y Congresos, 0, , .	0.0	2
25	Un resumen: Un enfoque para la aplicación de un clasificador dinámico de clases múltiples para sistemas de detección de intrusiones en la red. Colección Jornadas Y Congresos, 0, , .	0.0	0
26	Análisis de Seguridad y Privacidad en dispositivos de la Internet de las Cosas usados por jóvenes. Colección Jornadas Y Congresos, 0, , .	0.0	0