

Saioa Arrizabalaga

List of Publications by Citations

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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.

36

papers

217

citations

7

h-index

13

g-index

40

ext. papers

313

ext. citations

3.5

avg, IF

3.86

L-index

#	Paper	IF	Citations
36	Smart City Concept: What It Is and What It Should Be. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2016 , 142, 04015005	2.2	57
35	A Survey of IIoT Protocols. <i>ACM Computing Surveys</i> , 2020 , 53, 1-53	13.4	23
34	A Role-Based Access Control Model in Modbus SCADA Systems. A Centralized Model Approach. <i>Sensors</i> , 2019 , 19,	3.8	19
33	An Attribute-Based Access Control Model in RFID Systems Based on Blockchain Decentralized Applications for Healthcare Environments. <i>Computers</i> , 2019 , 8, 57	1.9	18
32	Systematic Approach to Cyber Resilience Operationalization in SMEs. <i>IEEE Access</i> , 2020 , 8, 174200-174223	3.5	11
31	Methodological performance analysis applied to a novel IIoT access control system based on permissioned blockchain. <i>Information Processing and Management</i> , 2021 , 58, 102558	6.3	10
30	Advanced Train Location Simulator (ATLAS) for developing, testing and validating on-board railway location systems. <i>European Transport Research Review</i> , 2015 , 7,	3.7	7
29	. <i>IEEE Transactions on Consumer Electronics</i> , 2008 , 54, 444-452	4.8	7
28	. <i>IEEE Vehicular Technology Magazine</i> , 2018 , 13, 48-55	9.9	6
27	Analysis of YouTube traffic adaptation to dynamic environments. <i>Multimedia Tools and Applications</i> , 2018 , 77, 7977-8000	2.5	6
26	A low-cost platform for testing activities in parkinson and ALS patients 2010 ,		6
25	Map-Aided Software Enhancement for Autonomous GNSS Complementary Positioning System for Railway. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 11611-11620	6.8	5
24	Methodology and Key Performance Indicators (KPIs) for Railway On-Board Positioning Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 19, 4035-4042	6.1	4
23	Rolling stock emission testing methodology assessment for Balise Transmission Module system interoperability. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016 , 77, 124-131	4.6	4
22	Survey of Environmental Effects in Railway Communications. <i>Lecture Notes in Computer Science</i> , 2018 , 56-67	0.9	4
21	The Order of the Factors DOES Alter the Product: Cyber Resilience Policies Implementation Order. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 306-315	0.4	4
20	Cyber Resilience Progression Model. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7393	2.6	3

19	Implementation and validation of an Angle of Arrival (AOA) determination system 2015 ,		3
18	Complementary Positioning System in GNSS-denied Areas. <i>Transportation Research Procedia</i> , 2016 , 14, 4562-4571	2.4	3
17	Modbus Access Control System Based on SSI over Hyperledger Fabric Blockchain. <i>Sensors</i> , 2021 , 21,	3.8	3
16	Cyber Resilience Self-Assessment Tool (CR-SAT) for SMEs. <i>IEEE Access</i> , 2021 , 9, 80741-80762	3.5	3
15	ETCS On-board Unit Safety Testing: Saboteurs, Testing Strategy and Results. <i>Promet - Traffic - Traffico</i> , 2017 , 29, 213-223	1.2	2
14	Implementation and Validation of an Angle of Arrival (AoA) Determination System for Real-time on-board Train Positioning. <i>Transportation Research Procedia</i> , 2016 , 14, 1950-1956	2.4	2
13	An Attribute-Based Access Control using Chaincode in RFID Systems 2019 ,		1
12	A wireless sensor network PBL lab for the master in telecommunications engineering 2016 ,		1
11	. <i>IEEE Transactions on Consumer Electronics</i> , 2009 , 55, 477-485	4.8	1
10	An Agent Based Semantic OSGi Service Architecture 2008 , 97-106		1
9	Wireless Communication Emulator Device and Methodology for the ETCS BTM Subsystem. <i>Lecture Notes in Computer Science</i> , 2016 , 40-50	0.9	1
8	A RFID-based IoT Cybersecurity Lab in Telecommunications Engineering 2018 ,		1
7	An Overview of Current IP Network Emulators for the Validation of Railways Wireless Communications. <i>IEEE Access</i> , 2020 , 8, 109266-109274	3.5	0
6	Panhead accelerations-based methodology for monitoring the stagger in overhead contact line systems. <i>Mechanism and Machine Theory</i> , 2022 , 171, 104742	4	0
5	Coexistence of safety and security: Synchronized redundant system with security enhancements. <i>Quality and Reliability Engineering International</i> , 2019 , 35, 561-571	2.6	0
4	Alarm Collector in Smart Train Based on Ethereum Blockchain Events-Log. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 13306-13315	10.7	0
3	IACAP. <i>International Journal of Interdisciplinary Telecommunications and Networking</i> , 2020 , 12, 118-131	0.4	
2	SDK Definition for Safety Functions for UART, CAN and TCP/IP Communications. <i>Lecture Notes in Computer Science</i> , 2016 , 74-85	0.9	

- 1 Cyber Resilience Strategic Planning and Self-assessment Tool for Operationalization in SMEs. *IFIP Advances in Information and Communication Technology*, **2021**, 259-273 0.5