

Diego Rivera

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

330
citations

933447

10
h-index

888059

17
g-index

30
all docs

30
docs citations

30
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	Access Control Mechanism for IoT Environments Based on Modelling Communication Procedures as Resources. <i>Sensors</i> , 2018, 18, 917.	3.8	51
2	An IoT-Focused Intrusion Detection System Approach Based on Preprocessing Characterization for Cybersecurity Datasets. <i>Sensors</i> , 2021, 21, 656.	3.8	44
3	Optimized Sensor Network and Multi-Agent Decision Support for Smart Traffic Light Management. <i>Sensors</i> , 2018, 18, 435.	3.8	29
4	Secure Communications and Protected Data for a Internet of Things Smart Toy Platform. <i>IEEE Internet of Things Journal</i> , 2019, 6, 3785-3795.	8.7	24
5	Applying an Unified Access Control for IoT-based Intelligent Agent Systems. , 2015, , .		23
6	Smart Toys Designed for Detecting Developmental Delays. <i>Sensors</i> , 2016, 16, 1953.	3.8	21
7	A Wearable System for Real-Time Continuous Monitoring of Physical Activity. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-16.	1.9	17
8	Efficient Distributed Preprocessing Model for Machine Learning-Based Anomaly Detection over Large-Scale Cybersecurity Datasets. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3430.	2.5	17
9	A Smart Toy to Enhance the Decision-Making Process at Children's Psychomotor Delay Screenings: A Pilot Study. <i>Journal of Medical Internet Research</i> , 2017, 19, e171.	4.3	17
10	ARP-Path: ARP-Based, Shortest Path Bridges. <i>IEEE Communications Letters</i> , 2011, 15, 770-772.	4.1	13
11	An Ontological-Based Model to Data Governance for Big Data. <i>IEEE Access</i> , 2021, 9, 109943-109959.	4.2	13
12	AFOROS: A Low-Cost Wi-Fi-Based Monitoring System for Estimating Occupancy of Public Spaces. <i>Sensors</i> , 2021, 21, 3863.	3.8	10
13	Fast Path Ethernet Switching: On-demand, efficient transparent bridges for data center and campus networks. , 2010, , .		8
14	Implementation of ARP-path low latency bridges in Linux and OpenFlow/NetFPGA. , 2011, , .		7
15	An Approach for the Application of a Dynamic Multi-Class Classifier for Network Intrusion Detection Systems. <i>Electronics (Switzerland)</i> , 2020, 9, 1759.	3.1	7
16	Implementing ARP-path low latency bridges in NetFPGA. , 2011, , .		5
17	Intraindividual Variability Measurement of Fine Manual Motor Skills in Children Using an Electronic Pegboard: Cohort Study. <i>JMIR MHealth and UHealth</i> , 2019, 7, e12434.	3.7	5
18	Torii: multipath distributed Ethernet fabric protocol for data centres with zero-loss path repair. <i>Transactions on Emerging Telecommunications Technologies</i> , 2015, 26, 179-194.	3.9	4

#	ARTICLE	IF	CITATIONS
19	A Novel Method for Automatic Detection and Classification of Movement Patterns in Short Duration Playing Activities. IEEE Access, 2018, 6, 53409-53425.	4.2	4
20	Intelligent Traffic Light Management using Multi-Behavioral Agents. , 0, , .		3
21	Implementing ARP-path low latency bridges in NetFPGA. Computer Communication Review, 2011, 41, 444-445.	1.8	2
22	Protecting Sensors in an IoT Environment by Modelling Communications as Resources. Proceedings (mdpi), 2017, 1, .	0.2	2
23	Methodology for massive configuration of OAuth 2.0 tokens in large IoT scenarios. , 2020, , .		2
24	Automatic Translation and Enforcement of Cybersecurity Policies Using A High-Level Definition Language. Entropy, 2019, 21, 1180.	2.2	1
25	Radio Access Evaluation of Commercial 5G Service. Electronics (Switzerland), 2021, 10, 2746.	3.1	1
26	Verifying Sensors in Smart Toys Designed to Help Professionals in the Early Detection of Psychomotor Developmental Disorders. Proceedings (mdpi), 2017, 1, 800.	0.2	0
27	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
28	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
29	COBRA: Cibermaniobras adaptativas y personalizables de simulación hiperrealista de APTs y entrenamiento en ciberdefensa usando gamificación. Colección Jornadas Y Congresos, 0, , .	0.0	0
30	Assessing Developmental Difficulties in Children Through Connected Smart Toys. Children's Well-being, 2021, , 237-253.	0.4	0