

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

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all docs

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docs citations

30
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	An IoT-Focused Intrusion Detection System Approach Based on Preprocessing Characterization for Cybersecurity Datasets. <i>Sensors</i> , 2021, 21, 656.	3.8	44
2	An Ontological-Based Model to Data Governance for Big Data. <i>IEEE Access</i> , 2021, 9, 109943-109959.	4.2	13
3	AFOROS: A Low-Cost Wi-Fi-Based Monitoring System for Estimating Occupancy of Public Spaces. <i>Sensors</i> , 2021, 21, 3863.	3.8	10
4	Assessing Developmental Difficulties in Children Through Connected Smart Toys. <i>Children's Well-being</i> , 2021, , 237-253.	0.4	0
5	Radio Access Evaluation of Commercial 5G Service. <i>Electronics (Switzerland)</i> , 2021, 10, 2746.	3.1	1
6	Methodology for massive configuration of OAuth 2.0 tokens in large IoT scenarios. , 2020, , .		2
7	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
8	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
9	Automatic Translation and Enforcement of Cybersecurity Policies Using A High-Level Definition Language. <i>Entropy</i> , 2019, 21, 1180.	2.2	1
10	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
11	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
12	A Novel Method for Automatic Detection and Classification of Movement Patterns in Short Duration Playing Activities. <i>IEEE Access</i> , 2018, 6, 53409-53425.	4.2	4
13	A Wearable System for Real-Time Continuous Monitoring of Physical Activity. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-16.	1.9	17
14	Optimized Sensor Network and Multi-Agent Decision Support for Smart Traffic Light Management. <i>Sensors</i> , 2018, 18, 435.	3.8	29
15	Access Control Mechanism for IoT Environments Based on Modelling Communication Procedures as Resources. <i>Sensors</i> , 2018, 18, 917.	3.8	51
16	Protecting Sensors in an IoT Environment by Modelling Communications as Resources. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	2
17	Verifying Sensors in Smart Toys Designed to Help Professionals in the Early Detection of Psychomotor Developmental Disorders. <i>Proceedings (mdpi)</i> , 2017, 1, 800.	0.2	0
18	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

#	ARTICLE	IF	CITATIONS
19	Smart Toys Designed for Detecting Developmental Delays. Sensors, 2016, 16, 1953.	3.8	21
20	Torii: multipath distributed Ethernet fabric protocol for data centres with zero-loss path repair. Transactions on Emerging Telecommunications Technologies, 2015, 26, 179-194.	3.9	4
21	Applying an Unified Access Control for IoT-based Intelligent Agent Systems. , 2015, , .		23
22	Implementation of ARP-path low latency bridges in Linux and OpenFlow/NetFPGA. , 2011, , .		7
23	ARP-Path: ARP-Based, Shortest Path Bridges. IEEE Communications Letters, 2011, 15, 770-772.	4.1	13
24	Implementing ARP-path low latency bridges in NetFPGA. Computer Communication Review, 2011, 41, 444-445.	1.8	2
25	Implementing ARP-path low latency bridges in NetFPGA. , 2011, , .		5
26	Fast Path Ethernet Switching: On-demand, efficient transparent bridges for data center and campus networks. , 2010, , .		8
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	Intelligent Traffic Light Management using Multi-Behavioral Agents. , 0, , .		3