Ãngel Leonardo Valdivieso Caraguay

List of Publications by Year
in descending order

29 papers	424 citations	840776 11 h-index	752698 20 g-index
31 all docs	31 docs citations	31 times ranked	518 citing authors

#	Article	IF	Citations
1	Hand Gesture and Arm Movement Recognition for Multimodal Control of a 3-DOF Helicopter. Lecture Notes in Networks and Systems, 2022, , 363-377.	0.7	3
2	Educational Impact on Ecuadorian University Students Due to the COVID-19 Context. Education Sciences, 2022, 12, 17.	2.6	9
3	A Systematic Literature Review of Learning-Based Traffic Accident Prediction Models Based on Heterogeneous Sources. Applied Sciences (Switzerland), 2022, 12, 4529.	2.5	7
4	A Hand Gesture Recognition System Using EMG and Reinforcement Learning: A Q-Learning Approach. Lecture Notes in Computer Science, 2021, , 580-591.	1.3	2
5	Feature Evaluation of EMG Signals for Hand Gesture Recognition Based on Mutual Information, Fuzzy Entropy and RES Index. Advances in Intelligent Systems and Computing, 2021, , 101-119.	0.6	6
6	Risk Analysis and Android Application Penetration Testing Based on OWASP 2016. Advances in Intelligent Systems and Computing, 2021, , 461-478.	0.6	4
7	Black Widow Crawler for TOR network to search for criminal patterns. , 2021, , .		4
8	A proposal to improve information availability for seismic and volcanic monitoring systems. , 2021, , .		1
9	Hand Gesture Recognition and Tracking Control for a Virtual UR5 Robot Manipulator. , 2021, , .		13
10	An interactive system to improve cognitive abilities using electromyographic signals. , 2021, , .		0
11	An Energy-Based Method for Orientation Correction of EMG Bracelet Sensors in Hand Gesture Recognition Systems. Sensors, 2020, 20, 6327.	3.8	23
12	A User-Specific Hand Gesture Recognition Model Based on Feed-Forward Neural Networks, EMGs, and Correction of Sensor Orientation. Applied Sciences (Switzerland), 2020, 10, 8604.	2.5	6
13	Detection of Possible Illicit Messages Using Natural Language Processing and Computer Vision on Twitter and Linked Websites. IEEE Access, 2020, 8, 44534-44546.	4.2	18
14	Modeling of a Vehicle Accident Prediction System Based on a Correlation of Heterogeneous Sources. Advances in Intelligent Systems and Computing, 2020, , 260-266.	0.6	1
15	A Survey on Situational Awareness of Ransomware Attacks—Detection and Prevention Parameters. Remote Sensing, 2019, 11, 1168.	4.0	33
16	Profits at the Dawn of Cybercrime-as-a-Service. , 2019, , .		1
17	SDN/NFV Architecture for IoT Networks. , 2018, , .		7
18	Future mode of operations for 5G – The SELFNET approach enabled by SDN/NFV. Computer Standards and Interfaces, 2017, 54, 229-246.	5.4	25

#	Article	IF	Citations
19	Monitoring and Discovery for Self-Organized Network Management in Virtualized and Software Defined Networks. Sensors, 2017, 17, 731.	3.8	14
20	Key Technologies in the Context of Future Networks: Operational and Management Requirements. Future Internet, 2017, 9, 1.	3.8	83
21	Towards Incidence Management in 5G Based on Situational Awareness. Future Internet, 2017, 9, 3.	3.8	17
22	An optimisation framework for monitoring of SDN/OpenFlow networks. International Journal of Ad Hoc and Ubiquitous Computing, 2017, 26, 263.	0.5	1
23	SELFNET Framework self-healing capabilities for 5G mobile networks. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1225-1232.	3.9	20
24	An Overview of Integration of Mobile Infrastructure with SDN/NFV Networks. , 2015, , .		0
25	Framework for optimized multimedia routing over software defined networks. Computer Networks, 2015, 92, 369-379.	5.1	12
26	Trends on virtualisation with software defined networking and network function virtualisation. IET Networks, 2015, 4, 255-263.	1.8	27
27	Extending OpenFlow in Virtual Networks. , 2015, , .		2
28	SDN: Evolution and Opportunities in the Development IoT Applications. International Journal of Distributed Sensor Networks, 2014, 10, 735142.	2.2	73
29	Evolution and Challenges of Software Defined Networking. , 2013, , .		11