MA CosÃ-o-LeÃ³n

List of Publications by Year
in descending order

28 papers	**203** citations	1163117 **8** h-index	1199594 **12** g-index
31 all docs	**31** docs citations	**31** times ranked	**155** citing authors

#	Article	IF	Citations
1	Designing a Model of a Digital Ecosystem for Healthcare and Wellness Using the Business Model Canvas. Journal of Medical Systems, 2016, 40, 144.	3.6	28
2	Determinants of COVID-19 Vaccine Hesitancy: A Cross-Sectional Study on a Mexican Population Using an Online Questionnaire (COV-AHQ). Frontiers in Public Health, 2021, 9, 728690.	2.7	18
3	Study of a controlled release polymeric system based on Pluronic P123: Spectroscopic characterization and theoretical model approach. Journal of Molecular Structure, 2017, 1138, 172-176.	3.6	17
4	Teaching Anxiety, Stress and Resilience During the COVID-19 Pandemic: Evaluating the Vulnerability of Academic Professionals in Mexico Through the Adapted COVID-19 Stress Scales. Frontiers in Public Health, 2021, 9, 669057.	2.7	16
5	Nyquist-Shannon theorem application for Savitzky-Golay smoothing window size parameter determination in bio-optical signals. Results in Physics, 2018, 11, 17-22.	4.1	15
6	Insulin overlapping in whole blood FTIR spectroscopy in blood glucose measurements. Results in Physics, 2017, 7, 1221-1222.	4.1	11
7	The use of standards in embedded devices to achieve end to end semantic interoperability on health systems. Computer Standards and Interfaces, 2018, 57, 68-73.	5.4	10
8	HYRMA: A hybrid routing protocol for monitoring of marine environments. IEEE Latin America Transactions, 2015, 13, 1562-1568.	1.6	9
9	A Security and Privacy Survey for WSN in e-Health Applications. , 2009, , .		8
10	Dataset of the adapted COVID stress scales for healthcare professionals of the northeast region of Mexico. Data in Brief, 2021, 34, 106733.	1.0	8
11	Parentâ€™s Perspective towards Child COVID-19 Vaccination: An Online Cross-Sectional Study in Mexico. International Journal of Environmental Research and Public Health, 2022, 19, 290.	2.6	8
12	GeoSoc: A Geocast-based Communication Protocol for Monitoring of Marine Environments. IEEE Latin America Transactions, 2017, 15, 324-332.	1.6	7
13	A cooperative coevolutionary algorithm approach to the no-wait job shop scheduling problem. Expert Systems With Applications, 2022, 194, 116498.	7.6	7
14	Topological Data Analysis for Eye Fundus Image Quality Assessment. Diagnostics, 2021, 11, 1322.	2.6	6
15	Major Existing Classification Matrices and Future Directions for Internet of Things. Advances in Internet of Things, 2017, 07, 112-120.	2.2	5
16	The impact of gradually replacing fossil fuel-powered vehicles with electric ones: A bi-objective optimisation approach. Expert Systems With Applications, 2022, 194, 116546.	7.6	5
17	Designing a gateway IEEE1451-HL7 for E-health telemonitoring services. , 2015, , .		4
18	Multiple circle detection in images: a simple evolutionary algorithm approach and a new benchmark of images. Pattern Analysis and Applications, 0, , 1.	4.6	4

#	Article	IF	Citations
19	WSN-HaDaS: A Cross-Layer Handoff Management Protocol for Wireless Sensor Networks, a Practical Approach to Mobility. IEICE Transactions on Communications, 2015, E98.B, 1333-1344.	0.7	3
20	A combination of two simple decoding strategies for the no-wait job shop scheduling problem. , 2019, , .		2
21	QoSComm: A Data Flow Allocation Strategy among SDN-Based Data Centers for IoT Big Data Analytics. Applied Sciences (Switzerland), 2020, 10, 7586.	2.5	2
22	Is Cognitive Radio an Opportunity to Improve the Performance of the IEEE 802.15.4 in Mobile e-Health Scenarios?. IEEE Latin America Transactions, 2019, 17, 1220-1226.	1.6	1
23	Associated Factors of ParentÂ´s Perspective Towards Child COVID-19 Vaccination: An Online Cross-Sectional Study on a Mexican Population. SSRN Electronic Journal, 0, , .	0.4	1
24	Study on mid-IR spectroscopy on whole blood samples for human glucose quantification applications. , 2018, , .		1
25	Dataset for the adapted COVID stress scales (ACSS) including teaching anxiety and preparedness, and resilience of academic professionals in Mexico. F1000Research, 0, 11, 381.	1.6	1
26	Proposal for study on IR light and glucose phantom interaction for human glucose quantification applications. Proceedings of SPIE, 2016, , .	0.8	0
27	Effect of Parameters Tuned by a Taguchi Design L_9 3^4 in the GRASP Algorithm to Solve the Vehicle Routing Problem with Time Windows. Computacion Y Sistemas, 2018, 22, .	0.3	0
28	Crop row detection a bioinspired and data analysis approach. , 2018, , .		0