

Carmen Benavides

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

417
citations

1039880

9
h-index

752573

20
g-index

33
all docs

33
docs citations

33
times ranked

457
citing authors

#	ARTICLE	IF	CITATIONS
1	BERT Model-Based Approach for Detecting Racism and Xenophobia on Twitter Data. Communications in Computer and Information Science, 2022, , 148-158.	0.4	0
2	eHealth Intervention to Improve Health Habits in the Adolescent Population: Mixed Methods Study. JMIR MHealth and UHealth, 2021, 9, e20217.	1.8	17
3	Middleware-based multi-agent development environment for building and testing distributed intelligent systems. Cluster Computing, 2021, 24, 2313-2325.	3.5	1
4	Enriched multi-agent middleware for building rule-based distributed security solutions for IoT environments. Journal of Supercomputing, 2021, 77, 13046.	2.4	1
5	Diabetes detection using deep learning techniques with oversampling and feature augmentation. Computer Methods and Programs in Biomedicine, 2021, 202, 105968.	2.6	47
6	IDS PROTOTYPE FOR INTRUSION DETECTION WITH MACHINE LEARNING MODELS IN IOT SYSTEMS OF THE INDUSTRY 4.0. Dyna (Spain), 2021, 96, 270-275.	0.1	5
7	BERT Model-Based Approach For Detecting Categories of Tweets in the Field of Eating Disorders (ED). , 2021, , .		6
8	A case study of university student networks and the COVID-19 pandemic using a social network analysis approach in halls of residence. Scientific Reports, 2021, 11, 14877.	1.6	7
9	Sentiment analysis in non-fixed length audios using a Fully Convolutional Neural Network. Biomedical Signal Processing and Control, 2021, 69, 102946.	3.5	17
10	Evaluation of Country Dietary Habits Using Machine Learning Techniques in Relation to Deaths from COVID-19. Healthcare (Switzerland), 2020, 8, 371.	1.0	10
11	An ontology-based multi-domain model in social network analysis: Experimental validation and case study. Information Sciences, 2020, 540, 390-413.	4.0	15
12	Detecting Respiratory Pathologies Using Convolutional Neural Networks and Variational Autoencoders for Unbalancing Data. Sensors, 2020, 20, 1214.	2.1	71
13	Social network analysis for personalized characterization and risk assessment of alcohol use disorders in adolescents using semantic technologies. Future Generation Computer Systems, 2020, 106, 154-170.	4.9	13
14	Autoencoder Latent Space Influence on IoT MQTT Attack Classification. Lecture Notes in Computer Science, 2020, , 279-286.	1.0	3
15	A Responsive Web Application for the Improvement of Healthy Habits in the Child Population. , 2020, , .		2
16	Clustering Techniques Performance Analysis for a Solar Thermal Collector Hybrid Model Implementation. Lecture Notes in Computer Science, 2020, , 329-340.	1.0	0
17	Multiclass Classification Procedure for Detecting Attacks on MQTT-IoT Protocol. Complexity, 2019, 2019, 1-11.	0.9	77
18	Socioeconomic Status in Adolescents: A Study of Its Relationship with Overweight and Obesity and Influence on Social Network Configuration. International Journal of Environmental Research and Public Health, 2018, 15, 2014.	1.2	19

#	ARTICLE	IF	CITATIONS
19	A Semantic Social Network Analysis Tool for Sensitivity Analysis and What-If Scenario Testing in Alcohol Consumption Studies. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2420.	1.2	7
20	An ontology-based approach to knowledge representation for Computer-Aided Control System Design. <i>Data and Knowledge Engineering</i> , 2018, 118, 107-125.	2.1	5
21	Techniques and Utilities to Improve the Design, Development and Debugging of Multiagent Applications with Agile Principles. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 198-208.	0.5	0
22	A Web-Based Tool for Automatic Data Collection, Curation, and Visualization of Complex Healthcare Survey Studies including Social Network Analysis. <i>Computational and Mathematical Methods in Medicine</i> , 2017, 2017, 1-8.	0.7	17
23	A Qualitative Study of Secondary School Teachers' Perception of Social Network Analysis Metrics in the Context of Alcohol Consumption among Adolescents. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1531.	1.2	3
24	Reducing air pollution with hybrid-powered robotic tractors for precision agriculture. <i>Biosystems Engineering</i> , 2016, 143, 79-94.	1.9	56
25	A Study of the Use of Ontologies for Building Computer-Aided Control Engineering Self-Learning Educational Software. <i>Journal of Science Education and Technology</i> , 2013, 22, 589-601.	2.4	9
26	An Ontology-Based Expert System and Interactive Tool for Computer-Aided Control Engineering Education. <i>Lecture Notes in Computer Science</i> , 2010, , 264-273.	1.0	0
27	Ontologies as knowledge representation structures for CACSD software. , 2008, , .		1
28	The impact of economic activity in Asturias on greenhouse gas emissions: Consequences for environmental policy within the Kyoto Protocol framework. <i>Journal of Environmental Management</i> , 2006, 81, 249-264.	3.8	8
29	A web-based multi-agent system approach to document engineering. <i>International Journal of Web Engineering and Technology</i> , 2004, 1, 437.	0.1	0
30	Applying knowledge engineering techniques in control engineering education. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2003, 36, 279-284.	0.4	0
31	Knowledge Representation for Control Engineering. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2003, 36, 193-198.	0.4	0
32	Networks that Cross the Boundaries of the Classroom: A Quasi-Experimental Study of University Students. , 0, , .		0