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List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

473
citations

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g-index

57
all docs

57
docs citations

57
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	Clustering Techniques Selection for a Hybrid Regression Model: A Case Study Based on a Solar Thermal System. <i>Cybernetics and Systems</i> , 2023, 54, 286-305.	1.6	6
2	Implementing local-explainability in Gradient Boosting Trees: Feature Contribution. <i>Information Sciences</i> , 2022, 589, 199-212.	4.0	27
3	BERT Model-Based Approach for Detecting Racism and Xenophobia on Twitter Data. <i>Communications in Computer and Information Science</i> , 2022, , 148-158.	0.4	0
4	Traditional Machine Learning Models and Bidirectional Encoder Representations From Transformer (BERT)-Based Automatic Classification of Tweets About Eating Disorders: Algorithm Development and Validation Study. <i>JMIR Medical Informatics</i> , 2022, 10, e34492.	1.3	13
5	Detecting racism and xenophobia using deep learning models on Twitter data: CNN, LSTM and BERT. <i>PeerJ Computer Science</i> , 2022, 8, e906.	2.7	10
6	Substance Use and Addictive Behavior in Spanish Adolescents in Secondary School. <i>Healthcare (Switzerland)</i> , 2021, 9, 186.	1.0	7
7	eHealth Intervention to Improve Health Habits in the Adolescent Population: Mixed Methods Study. <i>JMIR MHealth and UHealth</i> , 2021, 9, e20217.	1.8	17
8	The socialisation of the adolescent who carries out team sports: a transversal study of centrality with a social network analysis. <i>BMJ Open</i> , 2021, 11, e042773.	0.8	9
9	Middleware-based multi-agent development environment for building and testing distributed intelligent systems. <i>Cluster Computing</i> , 2021, 24, 2313-2325.	3.5	1
10	Enriched multi-agent middleware for building rule-based distributed security solutions for IoT environments. <i>Journal of Supercomputing</i> , 2021, 77, 13046.	2.4	1
11	Diabetes detection using deep learning techniques with oversampling and feature augmentation. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 202, 105968.	2.6	47
12	IDS PROTOTYPE FOR INTRUSION DETECTION WITH MACHINE LEARNING MODELS IN IOT SYSTEMS OF THE INDUSTRY 4.0. <i>Dyna (Spain)</i> , 2021, 96, 270-275.	0.1	5
13	Peer Review of "Machine Learning for Risk Group Identification and User Data Collection in a Herpes Simplex Virus Patient Registry: Algorithm Development and Validation Study". <i>Jmirx Med</i> , 2021, 2, e28922.	0.2	1
14	BERT Model-Based Approach For Detecting Categories of Tweets in the Field of Eating Disorders (ED). , 2021, , .		6
15	A case study of university student networks and the COVID-19 pandemic using a social network analysis approach in halls of residence. <i>Scientific Reports</i> , 2021, 11, 14877.	1.6	7
16	Dinámicas de información en profesionales de enfermería desde el análisis de redes sociales. <i>Enfermería Global</i> , 2021, 20, 55-85.	0.1	0
17	Sentiment analysis in non-fixed length audios using a Fully Convolutional Neural Network. <i>Biomedical Signal Processing and Control</i> , 2021, 69, 102946.	3.5	17
18	Musculoskeletal Pain and Teleworking in Times of the COVID-19: Analysis of the Impact on the Workers at Two Spanish Universities. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 31.	1.2	45

#	ARTICLE	IF	CITATIONS
19	Comparative Analysis of Clustering Techniques for a Hybrid Model Implementation. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 355-365.	0.5	0
20	Identification of cohesive subgroups in a university hall of residence during the COVID-19 pandemic using a social network analysis approach. <i>Scientific Reports</i> , 2021, 11, 22055.	1.6	4
21	Evaluation of Country Dietary Habits Using Machine Learning Techniques in Relation to Deaths from COVID-19. <i>Healthcare (Switzerland)</i> , 2020, 8, 371.	1.0	10
22	Networks and Emotions in Cooperative Work: A Quasi-Experimental Study in University Nursing and Computer Engineering Students. <i>Healthcare (Switzerland)</i> , 2020, 8, 220.	1.0	0
23	Musculoskeletal Pain and Non-Classroom Teaching in Times of the COVID-19 Pandemic: Analysis of the Impact on Students from Two Spanish Universities. <i>Journal of Clinical Medicine</i> , 2020, 9, 4053.	1.0	29
24	Stress, Emotional Intelligence and the Intention to Use Cannabis in Spanish Adolescents: Influence of COVID-19 Confinement. <i>Frontiers in Psychology</i> , 2020, 11, 582578.	1.1	18
25	Interconsultas dermatológicas en pacientes hospitalizados en un hospital terciario en España: un estudio retrospectivo de 750 pacientes. <i>Revista Clinica Espanola</i> , 2020, 220, 426-431.	0.2	3
26	Thermal Infrared Imaging to Evaluate Emotional Competences in Nursing Students: A First Approach through a Case Study. <i>Sensors</i> , 2020, 20, 2502.	2.1	6
27	Prevalence of Comorbidities in Individuals Diagnosed and Undiagnosed with Alzheimer's Disease in León, Spain and a Proposal for Contingency Procedures to Follow in the Case of Emergencies Involving People with Alzheimer's Disease. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3398.	1.2	7
28	Feasibility of Social-Network-Based eHealth Intervention on the Improvement of Healthy Habits among Children. <i>Sensors</i> , 2020, 20, 1404.	2.1	11
29	An ontology-based multi-domain model in social network analysis: Experimental validation and case study. <i>Information Sciences</i> , 2020, 540, 390-413.	4.0	15
30	Detecting Respiratory Pathologies Using Convolutional Neural Networks and Variational Autoencoders for Unbalancing Data. <i>Sensors</i> , 2020, 20, 1214.	2.1	71
31	Social network analysis for personalized characterization and risk assessment of alcohol use disorders in adolescents using semantic technologies. <i>Future Generation Computer Systems</i> , 2020, 106, 154-170.	4.9	13
32	The consumption of alcohol by adolescent schoolchildren: Differences in the triadic relationship pattern between rural and urban environments. <i>PLoS ONE</i> , 2020, 15, e0241135.	1.1	5
33	A Responsive Web Application for the Improvement of Healthy Habits in the Child Population. , 2020, , .		2
34	Analyzing IoT-Based Botnet Malware Activity with Distributed Low Interaction Honeypots. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 329-338.	0.5	1
35	Clustering Techniques Performance Analysis for a Solar Thermal Collector Hybrid Model Implementation. <i>Lecture Notes in Computer Science</i> , 2020, , 329-340.	1.0	0
36	Title is missing!. , 2020, 15, e0241135.		0

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37	Title is missing!. , 2020, 15, e0241135.		0
38	Title is missing!. , 2020, 15, e0241135.		0
39	Title is missing!. , 2020, 15, e0241135.		0
40	Title is missing!. , 2020, 15, e0241135.		0
41	Title is missing!. , 2020, 15, e0241135.		0
42	Title is missing!. , 2020, 15, e0241135.		0
43	Title is missing!. , 2020, 15, e0241135.		0
44	A FIPA-Compliant Framework for Integrating Rule Engines into Software Agents for Supporting Communication and Collaboration in a Multiagent Platform. Advances in Intelligent Systems and Computing, 2019, , 124-133.	0.5	2
45	A Cooperative Interdisciplinary Task Intervention with Undergraduate Nursing and Computer Engineering Students. Sustainability, 2019, 11, 6325.	1.6	3
46	Bioinspired Hybrid Model to Predict the Hydrogen Inlet Fuel Cell Flow Change of an Energy Storage System. Processes, 2019, 7, 825.	1.3	8
47	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
48	A Semantic Social Network Analysis Tool for Sensitivity Analysis and What-If Scenario Testing in Alcohol Consumption Studies. International Journal of Environmental Research and Public Health, 2018, 15, 2420.	1.2	7
49	A Web-Based Tool for Automatic Data Collection, Curation, and Visualization of Complex Healthcare Survey Studies including Social Network Analysis. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-8.	0.7	17
50	A Qualitative Study of Secondary School Teachers' Perception of Social Network Analysis Metrics in the Context of Alcohol Consumption among Adolescents. International Journal of Environmental Research and Public Health, 2017, 14, 1531.	1.2	3
51	Networks that Cross the Boundaries of the Classroom: A Quasi-Experimental Study of University Students. , 0, , .		0
52	Aprendizaje de sensorizado de entornos IoT mediante BeagleBone. , 0, , .		0