

Celestine Iwendi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9264470/publications.pdf>

Version: 2024-02-01

65
papers

2,951
citations

147801

31
h-index

182427

51
g-index

67
all docs

67
docs citations

67
times ranked

1884
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyberbullying detection solutions based on deep learning architectures. <i>Multimedia Systems</i> , 2023, 29, 1839-1852.	4.7	58
2	Service Level Agreement Monitoring as a Service: An Independent Monitoring Service for Service Level Agreements in Clouds. <i>Big Data</i> , 2023, 11, 339-354.	3.4	7
3	Exploratory data analysis, classification, comparative analysis, case severity detection, and internet of things in COVID-19 telemonitoring for smart hospitals. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2023, 35, 507-534.	2.8	30
4	A Secure Multiuser Privacy Technique for Wireless IoT Networks Using Stochastic Privacy Optimization. <i>IEEE Internet of Things Journal</i> , 2022, 9, 2566-2577.	8.7	29
5	Classification of COVID-19 individuals using adaptive neuro-fuzzy inference system. <i>Multimedia Systems</i> , 2022, 28, 1223-1237.	4.7	56
6	Identification of malnutrition and prediction of BMI from facial images using real-time image processing and machine learning. <i>IET Image Processing</i> , 2022, 16, 647-658.	2.5	34
7	Optimal Coordination of PSS and SSSC Controllers in Power System Using Ant Colony Optimization Algorithm. <i>Journal of Circuits, Systems and Computers</i> , 2022, 31, .	1.5	20
8	Pointer-Based Item-to-Item Collaborative Filtering Recommendation System Using a Machine Learning Model. <i>International Journal of Information Technology and Decision Making</i> , 2022, 21, 463-484.	3.9	25
9	AI-empowered, blockchain and SDN integrated security architecture for IoT network of cyber physical systems. <i>Computer Communications</i> , 2022, 181, 274-283.	5.1	102
10	Secure Smart Wearable Computing through Artificial Intelligence-Enabled Internet of Things and Cyber-Physical Systems for Health Monitoring. <i>Sensors</i> , 2022, 22, 1076.	3.8	33
11	Analysis on security-related concerns of unmanned aerial vehicle: attacks, limitations, and recommendations. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 2641-2670.	1.9	20
12	A Counter-Eavesdropping Technique for Optimized Privacy of Wireless Industrial IoT Communications. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 6445-6454.	11.3	14
13	SVBE: searchable and verifiable blockchain-based electronic medical records system. <i>Scientific Reports</i> , 2022, 12, 266.	3.3	22
14	A Novel Deep Learning Model for Detection of Severity Level of the Disease in Citrus Fruits. <i>Electronics (Switzerland)</i> , 2022, 11, 495.	3.1	101
15	Cloud Data Encryption and Authentication Based on Enhanced Merkle Hash Tree Method. <i>Computers, Materials and Continua</i> , 2022, 72, 519-534.	1.9	45
16	Hash-Based Deep Learning Approach for Remote Sensing Satellite Imagery Detection. <i>Water (Switzerland)</i> , 2022, 14, 707.	2.7	41
17	Smart Analysis of Learners Performance Using Learning Analytics for Improving Academic Progression: A Case Study Model. <i>Sustainability</i> , 2022, 14, 3378.	3.2	7
18	A novel unsupervised ensemble framework using concept-based linguistic methods and machine learning for twitter sentiment analysis. <i>Pattern Recognition Letters</i> , 2022, 158, 80-86.	4.2	47

#	ARTICLE	IF	CITATIONS
19	Combined power generation and electricity storage device using deep learning and internet of things technologies. Energy Reports, 2022, 8, 5016-5025.	5.1	10
20	Covid-19 fake news sentiment analysis. Computers and Electrical Engineering, 2022, 101, 107967.	4.8	43
21	Capability and Robustness of Novel Hybridized Artificial Intelligence Technique for Sediment Yield Modeling in Godavari River, India. Water (Switzerland), 2022, 14, 1917.	2.7	14
22	Assessment of Dynamic Swarm Heterogeneous Clustering in Cognitive Radio Sensor Networks. Wireless Communications and Mobile Computing, 2022, 2022, 1-15.	1.2	5
23	Game Theory-Based Authentication Framework to Secure Internet of Vehicles with Blockchain. Sensors, 2022, 22, 5119.	3.8	34
24	ECDSA-Based Water Bodies Prediction from Satellite Images with UNet. Water (Switzerland), 2022, 14, 2234.	2.7	20
25	Use of regional computing to minimize the social big data effects. Computers and Industrial Engineering, 2022, 171, 108433.	6.3	3
26	A metaheuristic optimization approach for energy efficiency in the IoT networks. Software - Practice and Experience, 2021, 51, 2558-2571.	3.6	152
27	Analysis of security and energy efficiency for shortest route discovery in low energy adaptive clustering hierarchy protocol using Levenberg-Marquardt neural network and gated recurrent unit for intrusion detection system. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3997.	3.9	72
28	Enhancing Security of Health Information Using Modular Encryption Standard in Mobile Cloud Computing. IEEE Access, 2021, 9, 8820-8834.	4.2	85
29	Field-programmable gate arrays in a low power vision system. Computers and Electrical Engineering, 2021, 90, 106996.	4.8	14
30	TBSMR: A Trust-Based Secure Multipath Routing Protocol for Enhancing the QoS of the Mobile Ad Hoc Network. Security and Communication Networks, 2021, 2021, 1-9.	1.5	42
31	Security of Things Intrusion Detection System for Smart Healthcare. Electronics (Switzerland), 2021, 10, 1375.	3.1	41
32	Sustainable Security for the Internet of Things Using Artificial Intelligence Architectures. ACM Transactions on Internet Technology, 2021, 21, 1-22.	4.4	43
33	Optimal soft error mitigation in wireless communication using approximate logic circuits. Sustainable Computing: Informatics and Systems, 2021, 30, 100521.	2.2	5
34	Blockchain-Based Security Mechanism for the Medical Data at Fog Computing Architecture of Internet of Things. Electronics (Switzerland), 2021, 10, 2110.	3.1	42
35	An Artificial Intelligence-Based Quorum System for the Improvement of the Lifespan of Sensor Networks. IEEE Sensors Journal, 2021, 21, 17373-17385.	4.7	28
36	Tackling pandemics in smart cities using machine learning architecture. Mathematical Biosciences and Engineering, 2021, 18, 8444-8461.	1.9	27

#	ARTICLE	IF	CITATIONS
37	COVID-19 Patient Health Prediction Using Boosted Random Forest Algorithm. <i>Frontiers in Public Health</i> , 2020, 8, 357.	2.7	339
38	N-Sanitization: A semantic privacy-preserving framework for unstructured medical datasets. <i>Computer Communications</i> , 2020, 161, 160-171.	5.1	63
39	The Use of Ensemble Models for Multiple Class and Binary Class Classification for Improving Intrusion Detection Systems. <i>Sensors</i> , 2020, 20, 2559.	3.8	94
40	Realizing Efficient Security and Privacy in IoT Networks. <i>Sensors</i> , 2020, 20, 2609.	3.8	34
41	A review on classification of imbalanced data for wireless sensor networks. <i>International Journal of Distributed Sensor Networks</i> , 2020, 16, 155014772091640.	2.2	94
42	Improved Advance Encryption Standard with a Privacy Database Structure for IoT Nodes. , 2020, , .		18
43	Artificial Intelligence Enabled Road Vehicle-Train Collision Risk Assessment Framework for Unmanned Railway Level Crossings. <i>IEEE Access</i> , 2020, 8, 113790-113806.	4.2	39
44	Optimal Cooperative Offloading Scheme for Energy Efficient Multi-Access Edge Computation. <i>IEEE Access</i> , 2020, 8, 53931-53941.	4.2	62
45	Analyzing the Effectiveness and Contribution of Each Axis of Tri-Axial Accelerometer Sensor for Accurate Activity Recognition. <i>Sensors</i> , 2020, 20, 2216.	3.8	83
46	Realizing an Efficient IoMT-Assisted Patient Diet Recommendation System Through Machine Learning Model. <i>IEEE Access</i> , 2020, 8, 28462-28474.	4.2	119
47	KeySplitWatermark: Zero Watermarking Algorithm for Software Protection Against Cyber-Attacks. <i>IEEE Access</i> , 2020, 8, 72650-72660.	4.2	104
48	Socio-Technological Factors Affecting User's Adoption of eHealth Functionalities: A Case Study of China and Ukraine eHealth Systems. <i>IEEE Access</i> , 2019, 7, 90777-90788.	4.2	54
49	A Neuro-Fuzzy Approach for Intrusion Detection in Energy Efficient Sensor Routing. , 2019, , .		24
50	Robust Navigational Control of a Two-Wheeled Self-Balancing Robot in a Sensed Environment. <i>IEEE Access</i> , 2019, 7, 82337-82348.	4.2	36
51	Sensors Driven AI-Based Agriculture Recommendation Model for Assessing Land Suitability. <i>Sensors</i> , 2019, 19, 3667.	3.8	125
52	An Efficient and Unique TF/IDF Algorithmic Model-Based Data Analysis for Handling Applications with Big Data Streaming. <i>Electronics (Switzerland)</i> , 2019, 8, 1331.	3.1	41
53	Optimal Power Distribution Algorithm for Energy Efficient IoT-NOMA Enabled Networks. , 2019, , .		6
54	Energy Efficient Clustering Based Routing Technique in WSN using Brain Storm Optimization. , 2019, , .		11

#	ARTICLE	IF	CITATIONS
55	A Survey on Energy-Aware Wireless Sensor Routing Protocols. EAI Endorsed Transactions on Energy Web, 2019, 6, 160835.	0.4	28
56	An ACO-KMT Energy Efficient Routing Scheme for Sensed-IoT Network. , 2018, , .		12
57	Performance Analysis of D2D Energy Efficient IoT Networks with Relay-Assisted Underlaying Technique. , 2018, , .		19
58	Analysis of frequency characteristic of surface permanent magnet synchronous machine. , 2018, , .		1
59	ACO based key management routing mechanism for WSN security and data collection. , 2018, , .		27
60	On Detection of Sybil Attack in Large-Scale VANETs Using Spider-Monkey Technique. IEEE Access, 2018, 6, 47258-47267.	4.2	74
61	Alternative Protocol Implementation for Wireless Sensor Network Nodes. General Medicine (Los) Tj ETQq1 1 0.784314 rgBT /Overlock 0,2		
62	Enhanced security technique for wireless sensor network nodes. , 2012, , .		18
63	Power consumption trade-off analysis in an OFDM communication chain. , 2011, , .		1
64	Wireless Sensor Network Nodes: Security and Deployment in the Niger-Delta Oil and Gas Sector. International Journal of Network Security and Its Applications, 2011, 3, 68-79.	0.5	8
65	COVID-19 health analysis and prediction using machine learning algorithms for Mexico and Brazil patients. Journal of Experimental and Theoretical Artificial Intelligence, 0, , 1-21.	2.8	25