

Roseline O Ogundokun

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

926
citations

566801

15
h-index

580395

25
g-index

95
all docs

95
docs citations

95
times ranked

331
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive modelling of COVID-19 confirmed cases in Nigeria. <i>Infectious Disease Modelling</i> , 2020, 5, 543-548.	1.2	61
2	IoT-Based Wearable Body Sensors Network Healthcare Monitoring System. <i>Studies in Computational Intelligence</i> , 2021, , 103-121.	0.7	50
3	Medical Internet-of-Things Based Breast Cancer Diagnosis Using Hyperparameter-Optimized Neural Networks. <i>Future Internet</i> , 2022, 14, 153.	2.4	48
4	An Enhanced Intrusion Detection System using Particle Swarm Optimization Feature Extraction Technique. <i>Procedia Computer Science</i> , 2021, 193, 504-512.	1.2	42
5	A safe and secured iris template using steganography and cryptography. <i>Multimedia Tools and Applications</i> , 2020, 79, 23483-23506.	2.6	33
6	A decision support system for multi-target disease diagnosis: A bioinformatics approach. <i>Heliyon</i> , 2020, 6, e03657.	1.4	32
7	Machine Learning Algorithm for Cryptocurrencies Price Prediction. <i>Studies in Computational Intelligence</i> , 2021, , 421-447.	0.7	32
8	COVID-19 prevalence estimation: Four most affected African countries. <i>Infectious Disease Modelling</i> , 2020, 5, 827-838.	1.2	30
9	Cloud and IoT-Based Big Data Analytics System During COVID-19 Pandemic. <i>Internet of Things</i> , 2021, , 181-201.	1.3	27
10	Deep Learning Approach for Medical Image Analysis. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-9.	1.1	24
11	IoT-Based Big Data Analytics Architecture, Opportunities and Challenges for Enhanced Telemedicine Systems. <i>Studies in Fuzziness and Soft Computing</i> , 2021, , 199-220.	0.6	23
12	Crypto-Stegno based model for securing medical information on IOMT platform. <i>Multimedia Tools and Applications</i> , 2021, 80, 31705-31727.	2.6	22
13	Severe Acne Skin Disease: A Fuzzy-Based Method for Diagnosis. <i>Lecture Notes in Computer Science</i> , 2020, , 320-334.	1.0	20
14	Diagmal: A Malaria Coactive Neuro-Fuzzy Expert System. <i>Lecture Notes in Computer Science</i> , 2020, , 428-441.	1.0	20
15	Application of Big Data with Fintech in Financial Services. <i>Blockchain Technologies</i> , 2021, , 107-132.	0.6	17
16	A Review on Federated Learning and Machine Learning Approaches: Categorization, Application Areas, and Blockchain Technology. <i>Information (Switzerland)</i> , 2022, 13, 263.	1.7	17
17	Application of Data Mining Algorithms for Feature Selection and Prediction of Diabetic Retinopathy. <i>Lecture Notes in Computer Science</i> , 2019, , 716-730.	1.0	16
18	Machine Learning-Based Predictive Farmland Optimization and Crop Monitoring System. <i>Scientifica</i> , 2020, 2020, 1-12.	0.6	16

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19	Applicability of MMRR load balancing algorithm in cloud computing. International Journal of Computer Mathematics: Computer Systems Theory, 2021, 6, 7-20.	0.7	14
20	Social Media Acceptance and Use Among University Students for Learning Purpose Using UTAUT Model. Advances in Intelligent Systems and Computing, 2020, , 91-102.	0.5	14
21	Speech Segregation in Background Noise Based on Deep Learning. IEEE Access, 2020, 8, 169568-169575.	2.6	13
22	Electronic Medical Information Encryption Using Modified Blowfish Algorithm. Lecture Notes in Computer Science, 2019, , 166-179.	1.0	12
23	<p>An Android based blood bank information retrieval system</p>. Journal of Blood Medicine, 2019, Volume 10, 119-125.	0.7	12
24	Security and Information Assurance for IoT-Based Big Data. Studies in Computational Intelligence, 2021, , 189-211.	0.7	12
25	Application of Machine Learning for Ransomware Detection in IoT Devices. Studies in Computational Intelligence, 2021, , 393-420.	0.7	12
26	Big Data Analytics of IoT-Based Cloud System Framework: Smart Healthcare Monitoring Systems. Internet of Things, 2022, , 181-208.	1.3	12
27	Machine learning-based IoT system for COVID-19 epidemics. Computing (Vienna/New York), 2023, 105, 831-847.	3.2	12
28	A Deep Convolutional Encoder-Decoder Architecture for Retinal Blood Vessels Segmentation. Lecture Notes in Computer Science, 2019, , 180-189.	1.0	10
29	Predictive modeling of COVID-19 death cases in Pakistan. Infectious Disease Modelling, 2020, 5, 897-904.	1.2	10
30	Diagnosis of Long Sightedness Using Neural Network and Decision Tree Algorithms. Journal of Physics: Conference Series, 2021, 1767, 012021.	0.3	10
31	Performance Evaluation of ANOVA and RFE Algorithms for Classifying Microarray Dataset Using SVM. Lecture Notes in Business Information Processing, 2020, , 480-492.	0.8	10
32	Machine Learning Approach Using KPCA-SVMs for Predicting COVID-19. EAI/Springer Innovations in Communication and Computing, 2022, , 193-209.	0.9	9
33	Enhanced Security and Privacy Issue in Multi-Tenant Environment of Green Computing Using Blockchain Technology. EAI/Springer Innovations in Communication and Computing, 2022, , 65-83.	0.9	9
34	The network structure of depressive symptomatology in Peruvian adults with arterial hypertension. F1000Research, 2021, 10, 19.	0.8	8
35	A Safe and Secured Medical Textual Information Using an Improved LSB Image Steganography. International Journal of Digital Multimedia Broadcasting, 2021, 2021, 1-8.	0.4	8
36	A Dynamic Round Triple Data Encryption Standard Cryptographic Technique for Data Security. Lecture Notes in Computer Science, 2020, , 487-499.	1.0	8

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37	Prediction of Student's Academic Performance using k-Means Clustering and Multiple Linear Regressions. Journal of Engineering and Applied Sciences, 2019, 14, 8254-8260.	0.2	8
38	An android based language translator application. Journal of Physics: Conference Series, 2021, 1767, 012032.	0.3	7
39	Data on expenditure, revenue, and economic growth in Nigeria. Data in Brief, 2018, 20, 1704-1709.	0.5	6
40	The network structure of depressive symptomatology in Peruvian adults with arterial hypertension. F1000Research, 0, 10, 19.	0.8	6
41	Evaluation of the scholastic performance of students in 12 programs from a private university in the south-west geopolitical zone in Nigeria. F1000Research, 2019, 8, 154.	0.8	6
42	Semantics-based clustering approach for similar research area detection. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 1874.	0.6	6
43	A Secured One Time Password Authentication Technique using (3, 3) Visual Cryptography Scheme. Journal of Physics: Conference Series, 2019, 1299, 012059.	0.3	5
44	Credit Risk Prediction in Commercial Bank Using Chi-Square with SVM-RBF. Communications in Computer and Information Science, 2021, , 158-169.	0.4	5
45	Investigating the Roles of Effective Communication Among Stakeholders in Collaborative Software Development Projects. Lecture Notes in Computer Science, 2020, , 311-319.	1.0	5
46	Modified Least Significant Bit Technique for Securing Medical Images. Lecture Notes in Business Information Processing, 2020, , 553-565.	0.8	5
47	CAD-Based Machine Learning Project for Reducing Human-Factor-Related Errors in Medical Image Analysis. Advances in IT Personnel and Project Management, 2020, , 164-172.	0.3	5
48	An Efficient Blockchain-Based IoT System Using Improved KNN Machine Learning Classifier. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 171-180.	0.5	5
49	The network structure of depressive symptomatology in Peruvian adults with arterial hypertension. F1000Research, 0, 10, 19.	0.8	5
50	Blockchain-Based Framework for Secure Medical Information in Internet of Things System. EAI/Springer Innovations in Communication and Computing, 2022, , 147-169.	0.9	5
51	Computational Intelligence Approaches for Heart Disease Detection. Lecture Notes in Electrical Engineering, 2022, , 385-395.	0.3	5
52	Visual Exploratory Data Analysis Technique for Epidemiological Outbreak of COVID-19 Pandemic. EAI/Springer Innovations in Communication and Computing, 2022, , 179-191.	0.9	4
53	Computational Investigation of Consistency and Performance of the Biochemical Network of the Malaria Parasite, Plasmodium falciparum. Lecture Notes in Computer Science, 2019, , 231-241.	1.0	4
54	Evaluation of the scholastic performance of students in 12 programs from a private university in the south-west geopolitical zone in Nigeria. F1000Research, 2019, 8, 154.	0.8	4

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55	Design and Implementation of an Intelligent Gaming Agent Using A* Algorithm and Finite State Machines. International Journal of Engineering Research and Technology, 2020, 13, 191.	0.3	4
56	K-Nearest Neighbour Algorithm for Classification of IoT-Based Edge Computing Device. Internet of Things, 2022, , 161-179.	1.3	4
57	Application of the Internet of Things (IoT) to Fight the COVID-19 Pandemic. Internet of Things, 2022, , 83-103.	1.3	4
58	Assessment of the contribution of TEX air pollutants from Nigeriaâ€™s petroleum refineries to the ambient air quality: Part II. Cogent Engineering, 2021, 8, 1947007.	1.1	3
59	Assessment of the contribution of hazardous air pollutants from nigeriaâ€™s petroleum refineries to ambient air quality. Part 1. Cogent Engineering, 2021, 8, 1870792.	1.1	3
60	A joint neuro-fuzzy malaria diagnosis system. Journal of Physics: Conference Series, 2021, 1767, 012038.	0.3	3
61	Evaluation of load balancing algorithms on overlapping wireless accesspoints. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 21, 895.	0.7	3
62	English to Yoruba short message service speech and text translator for android phones. International Journal of Speech Technology, 2021, 24, 979-991.	1.4	3
63	Smart transit payment for university campus transportation using RFID card system. International Journal of Electrical and Computer Engineering, 2021, 11, 4353.	0.5	3
64	Smallest Univalued Segment Assimilating Nucleus approach to Brain MRI Image Segmentation using Fuzzy C-Means and Fuzzy K-Means Algorithms. International Journal of Computers & Technology, 2017, 16, 7065-7076.	0.2	3
65	A FUZZY BASED METHOD FOR DIAGNOSIS OF ACNE SKIN DISEASE SEVERITY. I-manager's Journal on Pattern Recognition, 2018, 5, 10.	0.3	3
66	Machine Learning Classification Based Techniques for Fraud Discovery in Credit Card Datasets. Communications in Computer and Information Science, 2021, , 26-38.	0.4	3
67	Classification of Swine Disease Using K-Nearest Neighbor Algorithm on Cloud-Based Framework. Internet of Things, 2022, , 71-90.	1.3	3
68	Analytical Study on LSB-Based Image Steganography Approach. Lecture Notes in Electrical Engineering, 2022, , 451-457.	0.3	3
69	Prediction of Studentsâ€™ Performance with Artificial Neural Network Using Demographic Traits. Lecture Notes in Electrical Engineering, 2022, , 613-624.	0.3	3
70	Development of an inventory management system using association rule. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 21, 1868.	0.7	2
71	Drug Verification System Using Quick Response Code. Communications in Computer and Information Science, 2021, , 535-545.	0.4	2
72	Marketing Information Products and Services Through Digital Platforms. Advances in Library and Information Science, 2020, , 93-112.	0.2	2

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73	Application of Mathematical Modelling Approach in COVID-19 Transmission and Interventions Strategies. <i>Studies in Systems, Decision and Control</i> , 2022, , 283-314.	0.8	2
74	An Integrated IDS Using ICA-Based Feature Selection and SVM Classification Method. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022, , 255-271.	0.5	2
75	Cyber Intrusion Detection System based on Machine Learning Classification Approaches. , 2022, , .		2
76	UTAUT model: integrating social media for learning purposes among university students in Nigeria. <i>SN Social Sciences</i> , 2021, 1, 1.	0.4	1
77	Efficiency of LSB steganography on medical information. <i>International Journal of Electrical and Computer Engineering</i> , 2021, 11, 4157.	0.5	1
78	The Adoption and Utilization of Electronic Business in Response to the Global Economy During COVID-19. <i>International Journal of Business Analytics</i> , 2021, 9, 1-20.	0.2	1
79	Secure Human-Computer Interaction. <i>Advances in IT Personnel and Project Management</i> , 2020, , 149-163.	0.3	1
80	Assessment of Machine Learning Classifiers for Heart Diseases Discovery. <i>Lecture Notes in Business Information Processing</i> , 2022, , 441-452.	0.8	1
81	Strengthening Bioinformatics and Genomics Analyses Skills in Africa for Attainment of the Sustainable Development Goals: Report of the 2nd Conference of the Nigerian Bioinformatics and Genomics Network. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, , .	0.6	1
82	PCA-Based Feature Extraction for Classification of Heart Disease. <i>Lecture Notes in Electrical Engineering</i> , 2022, , 173-183.	0.3	1
83	Automated android-based book order system. <i>Journal of Physics: Conference Series</i> , 2021, 1767, 012037.	0.3	0
84	Cloning data with unchanged estimates of estimable non-linear functions of parameters. <i>F1000Research</i> , 0, 10, 106.	0.8	0
85	A Survey on Forensic Accounting. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2021, , 35-44.	0.3	0
86	Naïve Bayes Based Classifier for Credit Card Fraud Discovery. <i>Lecture Notes in Business Information Processing</i> , 2022, , 515-526.	0.8	0
87	Cloning data with unchanged estimates of estimable non-linear functions of parameters. <i>F1000Research</i> , 0, 10, 106.	0.8	0