

2022-2023							
SL No.	Authors	DOI	Title of the paper	Month	Year	Source Title	Source
Journal List							
1	Ram Chandra Barik, Lavin A Kanuga, Lopamudra Mishra, Ankit Kumar Panda, Samarendra Nath Panda	https://doi.org/10.53555/sfs.v10i2.1030	Spot Disease Identification using unsupervised Machine Learning based Image Segmentation with its Remedial Solution in Aquatic Fauna	June	2023	Journal of Survey in Fisheries Sciences	Scopus
2	Mhamad Bakro Rakesh Ranjan Kumar	https://doi.org/10.1109/ACCESS.2023.3289405	An Improved Design for a Cloud Intrusion Detection System Using Hybrid Features Selection Approach With ML Classifier	June	2023	IEEE Access	SCIE
3	Anu Verma, Khyati Kiyawat, Bishnu Prasad Das, Pramod Kumar Meher	https://doi.org/10.1109/TVLSI.2023.3281078	An Efficient Scaling-Free Folded Hyperbolic CORDIC Design Using a Novel Low-Complexity Power-of-2 Taylor Series Approximation	June	2023	IEEE Transactions on Very Large Scale Integration (VLSI) Systems	SCIE
4	Mhamad Bakro Rakesh Ranjan Kumar	https://doi.org/10.3390/electronics12112427	Efficient Intrusion Detection System in the Cloud Using Fusion Feature Selection Approaches and an Ensemble Classifier	May	2023	Electronics, MDPI	SCIE
5	Pragya Jha, Madhusmita Sahu, Takanori Isobe	https://doi.org/10.3390/app13095379	A UML Activity Flow Graph-Based Regression Testing Approach	April	2023	Applied Sciences	SCIE
6	A Mishra SK Bisoy MR Das	https://doi.org/10.17605/OSF.IO/PVDNT	Public perception of covid-19 vaccination on twitter using machine learning models	April	2023	Journal of Biomechanical Science and Engineering	Scopus
7	Santosh kumar sharma, Debendra muduli abu taha zamani ahmed abdel salam	https://doi.org/10.1109/ACCESS.2023.3258549	A Diabetes Monitoring System and Health-Medical Service Composition Model in Cloud Environment	March	2023	IEEE Access	SCIE
8	Sanjib Kr. Mishra, Sasmita Mishra, Rojalina Priyadarshini	https://dx.doi.org/10.2139/ssrn.4395313	An Enhanced Way to Track the Intercompany Check Payment: A Case Study	March	2023		Scopus

9	Mohammed Yusuf Ansari Yin Yang , Pramod Kumar Meher Sarada Prasad Dakua	https://doi.org/10.1016/j.combiomed.2022.106478	Dense-PSP-UNet: A neural network for fast inference liver ultrasound segmentation	February	2023	Computers in Biology and Medicine	SCIE
10	Seli Mohapatra Prafulla Kumar Behera Prabodh Kumar Sahoo Sukant Kishoro Bisoy	https://doi.org/10.1109/ACCESS.2022.3228576	Mobility Induced Multi-hop LEACH Protocol in Heterogeneous Mobile Network	December	2022	IEEE Access	SCIE
11	Rojalina Priyadarshini, Hillol Jordar, Sukant Kishore Bisoy	https://doi.org/10.1016/j.ssc.2022.115062	Crystal structural prediction of perovskite materials using machine learning: A comparative study	December	2022	Solid State Communication	Scopus
12	A. Nanda Ram Chandra Barik S. Bakshi	https://doi.org/10.1016/j.bspc.2022.104356	SSO-RBNN driven brain tumor classification with Saliency-K-means segmentation technique	November	2022	Biomedical Signal Processing and Control, Elsevier	SCIE
13	Pradyumna Kumar Mohapatra Saroja Kumar Rout Sukant Kishoro Bisoy	https://doi.org/10.3390/sym14102078	Application of Bat Algorithm and Its Modified Form Trained with ANN in Channel Equalization	October	2022	MDPI, Symmetry	SCIE
14	Abhinav Tomar Rakesh Ranjan Kumar Indrajeet Gupta	https://doi.org/10.1007/s10586-022-03793-y	Decision making for cloud service selection: A novel and hybrid MCDM approach	October	2022	Cluster Computing, Springer	SCIE
15	Soumya Snigdha Mohapatra Rakesh Ranjan Kumar Mamdouh Alenezi Abu Taha Zamani Nikhat Parveen	https://doi.org/10.3390/electronics11213469	QoS-Aware Cloud Service Recommendation Using Metaheuristic Approach	October	2022	Electronics, MDPI	SCIE
16	Soumya Snigdha Mohapatra Rakesh Ranjan Kumar	https://doi.org/10.1080/02522667.2022.2094543	Hybrid eagle strategy for QOS-based cloud service composition	October	2022	Journal of Information and Optimization Sciences, Tylor Francis	SCIE/ES CI
17	Surendra Kumar Nanda Suneeta Mohanty Prasant Kumar Pattnaik M. Sain	https://doi.org/10.3390/electronics11193190	Throughput Optimized Reversible Cellular Automata Based Security Algorithm	October	2022	MDPI, Electronics	SCIE

18	Surendra Kumar Nanda Suneeta Mohanty Prasant Kumar Pattnaik	http://doi.org/10.11591/ijece.v13i2.pp1858-1866	An optimized 128-bit cellular automata-based hash function for authentication of data at rest and in transit	October	2022	Journal of Theoretical and Applied Information Technology	Scopus
19	Suneel Kumar Rath Madhusmita Sahu Shom Prasad Das Sukant Kishoro Bisoy	https://doi.org/10.3390/electronics11172707	A Comparative Analysis of SVM and ELM Classification on Software Reliability Prediction Model	August	2022	MDPI, Electronics	SCIE
20	Ansari, M.Y., Yang, Y., Balakrishnan, P K Mehar	https://doi.org/10.1038/s41598-022-16828-6	A lightweight neural network with multiscale feature enhancement for liver CT segmentation	August	2022	Scientific Reports	SCIE
21	Arabinda Pradhan Sukant Kishoro Bisoy Sandeep Kautish	https://doi.org/10.1109/ACCESS.2022.3192628	Intelligent Decision-Making of Load Balancing using Deep Reinforcement Learning and Parallel PSO in Cloud Environment	July	2022	IEEE Access	SCIE
22	Rawaa Alatrash Rojalina Priyadarshini Hadi Ezaldeen	https://doi.org/10.1016/j.cogsys.2022.07.002	Augmented Language Model with Deep Learning Adaptation on Sentiment Analysis for E-Learning Recommendation	July	2022	Cognitive Systems Research, Elsevier	SCIE
Conference List							
1	Debendra MuduliSantosh Kumar SharmaDinesh Kumar	https://doi.org/10.1109/IC2E357697.2023.10262664	Maithi-Net: A Customized Convolution Approach for Fake News Detection using Maithili Language	June	2023	2023 International Conference on Computer, Electronics & Electrical Engineering & their Applications (IC2E3)	Scopus
2	Ankit Kumar SahaAbhishek Kumar SharmaSoumya Sahoo	https://doi.org/10.1007/978-3-031-44084-7_37	Machine Learning Based Prediction of Student's Performance Based on Psychological and Behavioral Data	June	2023	International Conference on Mining Intelligence and Knowledge Exploration 2023	Scopus
3	Raj KumarUjjwal SinghSoumya Sahoo	https://doi.org/10.1007/978-3-031-44084-7_23	Disease Detection and Risk Prediction System Based Web Application Using Machine Learning	June	2023	International Conference on Mining Intelligence and Knowledge Exploration 2023	Scopus

4	Abhinav Sharma Amrit mohapatra Soumya Sahoo	https://doi.org/10.1007/978-3-031-44084-7_35	Predictive Intelligence Based Semiconductor Substrate Fault Detection Model with User Interface	June	2023	International Conference on Mining Intelligence and Knowledge Exploration 2023	Scopus
5	Abhisek Panigrahi Bibhudatta Nayak Soumya Sahoo	https://doi.org/10.1007/978-3-031-44084-7_4	Performance Analysis of Different Classifiers Using HOG and LBP for Traffic Sign Detection	June	2023	International Conference on Mining Intelligence and Knowledge Exploration 2023	Scopus
6	Adyasha Rath Ganapati Panda Debendra Muduli Ram Chandra Barik	https://doi.org/10.1109/ICMOCE57812.2023.10165962	Comparative Performance Analysis of Heart Sound based Heart Disease Classifiers Using Machine Learning Models from Balanced Datasets	May	2023	IEEE 2023 International Conference on Microwave, Optical, and Communication Engineering (ICMOCE)	Scopus
7	Satyabrat Sahoo Satya Prakash Sahoo Ram Chandra Barik Manas Ranjan Kabat	https://doi.org/10.1109/ESDC56251.2023.10149880	A novel Optimization technique in 5G based IoVs using hybrid Fuzzy Weight-NSGA Scheme	May	2023	IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS)	Scopus
8	Amisha Kirti, Samar Chandra Ram Chandra Barik Biswateeta Biswal	https://doi.org/10.1109/ICOEI56765.2023.10126034	Forecasting and Visualizing Stock Market Indices: A Machine Learning Dashboard	April	2023	IEEE 7th International Conference on Trends in Electronics and Informatics (ICOEI)	Scopus
9	Bhabani Sankar Gouda, Ruchika Padhi, Sudhakar Das, Debendra Muduli	https://doi.org/10.4018/978-1-6684-7343-6.ch006	Enhanced Belief Function-Based Decision Blending for Detecting Fault in Wireless Sensor Networks	April	2023	IGI Global Constraint Decision-Making Systems in Engineering -IGI Global	Scopus
10	Alagbe Adeyinka Solomon Monalisha Mishra Sukant Kishoro Bisoy	https://doi.org/10.1007/978-981-99-0369-6_9	A Concise Review On Developmental And Evaluation Methods Of Artificial Intelligence On Covid 19 Detection	April	2023	Springer Medical Virology: From Pathogenesis to Disease Control book series (MVPDC)	Scopus
11	D Muduli, R Priyadarshini, RC Barik, SK Nanda, RK Barik, DS Roy	https://doi.org/10.1109/ISCON57294.2023.1012126	Automated Diagnosis of Breast Cancer using Combined Features and Random Forest Classifier	March	2023	IEEE 2023 6th International Conference on Information Systems and Computer Networks (ISCON)	Scopus

12	Ram Chandra Barik, Ganapati Panda, Adyasha Ratha, Saroj Pradhan, Suvamoy Changder	https://doi.org/10.1109/ICORT56052.2023.10249071	Cyber Secure Remote Sensing Image Encryption Scheme using Blockchain and Dual Chaotic Map	February	2023	3rd IEEE INTERNATIONAL CONFERENCE ON RANGE TECHNOLOGY (ICORT 2023)	Scopus
13	Surendra panda, Ram Chandra Barik	https://doi.org/10.1109/SCEECS57921.2023.10063064	MR Brain 2D image Tumor and Cyst Classification Approach: an Empirical Analogy	February	2023	IEEE Lecture Notes in Networks and Systems (ISMS -2022)	Scopus
14	Biswaranjan DebataRojalina Priyadarshini	https://doi.org/10.1007/978-981-19-2358-6_48	A Systematic Literature Review on Pulmonary Disease Detection Using Machine Learning	January	2023	International Conference on Cognitive and Intelligent Computing(2023)	Scopus
15	Milan Samantary Ram Chandra Barik	NA	Intrusion Detection in IoT-23 using Machine Learning: A State-of-Art Analysis	January	2023	First International Conference on Intelligent Solutions for Emergency Response and Disaster Management	Scopus
16	Abhipsa Mahala Suvendra Kumar Jayasingh Manas Ranjan Kabat	https://doi.org/10.1007/978-981-99-3485-0_40	Weather Monitoring and Prediction System: A Case Study on Odisha	January	2023	Springer : Proceedings of International Conference on Communication and Computational Technologies	Scopus
17	P. K. Sahoo, S. K. Bisoy, S. Sahu, M. S. Nidhya		Current Scenario in Internet of Things	NA	2023	Jayalaxmi Publications	Scopus
18	Jayanti Rout Swatisipra Das Minati Mishra	https://doi.org/10.1109/iSSSC56467.2022.10051562	An Empirical Analysis of Digital Image Color Quantization using Partition Based Clustering Techniques	December	2022	IEEE 2nd International Symposium on Sustainable Energy, Signal Processing and Cyber Security (iSSSC)	Scopus
19	Isha Padhy Priyadarshi Kanungo Sampa Sahoo	https://doi.org/10.1109/OCIT56763.2022.00112	A YCbCr Model Based Shadow Detection and Removal Approach On Camouflaged Images	December	2022	IEEE International Conference on Information Technology (OCIT)	Scopus

20	Shtabdi Raut, Samikhya Moharana, Soumya Sahoo, Roopal Jena, Payal Patra	https://doi.org/10.1007/978-3-031-18034-7_6	Design and Usage of a Digital E-Pharmacy Application Framework	December	2022	Predictive Analytics in Cloud, Fog, and Edge Computing, Springer	Scopus
21	S Kumar, A Mishra, A Dutta, A Raj	https://doi.org/10.1007/978-3-031-18034-7_1	Collaboration of IoT and Cloud Computing Towards Healthcare Security	December	2022	Predictive Analytics in Cloud, Fog, and Edge Computing, Springer	Scopus
22	Lopamudra Hota, Prasant Kumar Dash	https://doi.org/10.1201/9781003213871	Towards Cloud-Edge-of-Things	December	2022	Taylor & Francis SDN-Supported Edge-Cloud Interplay for Next Generation Internet of Things	Scopus
23	Smruti R Sahoo Sudipta Mall Soumya Sahoo Soumya Smrutimala	https://doi.org/10.1109/ASSIC55218.2022.10088397	Cancer Detection using Boosting Algorithms	November	2022	IEEE International Conference on Advancements in Smart, Secure and Intelligent Computing (ASSIC)	Scopus
24	Debaish Chakraborty Anjana Mishra Vikash Kumar Saloni Singh Harshita Hani	https://doi.org/10.1109/ASSIC55218.2022.10088400	VOID-An Assistant (Chatbot) to Education Queries System	November	2022	IEEE International Conference on Advancements in Smart, Secure and Intelligent Computing (ASSIC)	Scopus
25	Subham Divakar Rojalina Priyadarshini Surendra Kumar Nanda Debendra Muduli Ramchandra Barik	https://doi.org/10.1007/978-3-031-31164-2_50	COLEN-An Improved Deep Learning Model for Plant Disease Detection Using Varying Color Space	November	2022	2022 International Conference on Intelligent Vision and Computing (ICIVC 2022)	Scopus
26	Mhamad Bakro, Rakesh Ranjan Kumar, Sukant K Bisoy, Mohammad Osama Addas	https://doi.org/10.1007/978-3-031-21750-0_2	Developing a Cloud Intrusion Detection System with Filter-Based Features Selection Techniques and SVM Classifier	October	2022	International Conference on Computing, Communication and Learning- CoCoLe 2022 Springer	Scopus

27	Mhamad Bakro, Rakesh Ranjan Kumar, Sukant K. Bisoy, Mohammad Osama Addas & Dania Khamis	https://doi.org/10.1007/978-3-031-21750-0_2	Developing a Cloud Intrusion Detection System with Filter-Based Features Selection Techniques and SVM Classifier	October	2022	2022 International Conference on Computing, Communication and Learning (CoCoLe 2022)	Scopus
----	---	---	---	----------------	------	--	--------