

2020-2021							
SL No.	Authors	DOI	Title of the paper	Month	Year	Source Title	Source
Journal List							
1	Rojalina Priyadarshini, R.K.Barik, H.Dubey	https://doi.org/10.4018/IJACI.2021040104	A Survey of Fog Computing-Based Healthcare Big Data Analytics and Its Security	April	2021	International Journal of Ambient Computing and Intelligence (IJACI)	Scopus
2	Lopamudra Hota , Prasant Kumar Dash	doi.org/10.36647/CIML/02.01.A001	Comparative Analysis of Stock Price Prediction by ANN and RF Model	April	2021	Computational Intelligence and Machine Learning	Scopus
3	Prabin Kumar Panigrahi, Sukant Kishoro Bisoy	https://doi.org/10.1016/j.jksuci.2021.02.015	Localization strategies for autonomous mobile robots: A review	March	2021	Journal of King Saud University-Computer and Information Sciences	SCIE
4	Rakesh Ranjan Kumar, Mohammad Shameem, Chiranjeev Kumar	https://doi.org/10.1080/17517575.2021.1889037	A computational framework for ranking prediction of cloud services under fuzzy environment	February	2021	Enterprise Information Systems Taylor and Francis	SCIE
5	Arabinda Pradhan, Sukant Kishoro Bisoy, Amardeep Das	https://doi.org/10.1016/j.jksuci.2021.01.003	A survey on PSO based meta-heuristic scheduling mechanism in cloud computing environment	January	2021	Journal Of King Saud University - Computer And Information Sciences (Elsevier)	SCIE
6	Sukant K. Bisoy, Prasant K. Pattnaik	https://doi.org/10.1504/IJRIS.2020.111774	A Neuron-Based Active Queue Management Scheme For Internet Congestion Control	December	2020	International Journal of Reasoning-based Intelligent Systems (Inderscience)	Scopus
7	Ezaldeen H., Misra R, R. Alatrash, Rojalina Priyadarshini	https://doi.org/10.1504/IJEB.2020.111095	Semantically enhanced machine learning approach to recommend e-learning content	November	2020	International Journal of Electronic Business	Scopus
8	Arabinda Pradhan Sukant Kishoro Bisoy	https://doi.org/10.1016/j.jksuci.2020.10.016	A novel load balancing technique for cloud computing platform based on PSO	October	2020	Journal of King Saud University - Computer and Information Sciences, Elsevier	SCIE
9	A K Gorai, S Raval, A K Patel, S Chatterjee, T Gautam	https://doi.org/10.1007/s40789-020-00370-9	Design and development of a machine vision system using artificial neural network-based algorithm for automated coal characterization	October	2020	International Journal of Coal Science and Technology	ESCI

10	R. K. Barik, Rojalina Priyadarshini, Rakesh Lenka, H. Dubey	https://doi.org/10.4018/IJAGR.2020010101	Fog Computing Architecture for Scalable Processing of Geospatial Big Data	January	2020	International Journal of Applied Geospatial Research (IJAGR)	ESCI
Conference List							
1	S. Divakar, A. Bhattacharjee, R. Priyadarshini	https://doi.org/10.1109/I2CT51068.2021.9417920	Smote-DL: A Deep Learning Based Plant Disease Detection Method	April	2021	6th International Conference for Convergence in Technology (I2CT)	Scopus
2	Sudhansu R. Lenka, Sukant Kishoro Bisoy, Rojalina Priyadarshini, Jhalak Hota	https://doi.org/10.1109/ESCI50559.2021.9396911	An Effective Credit Scoring Model Implementation by Optimal Feature Selection Scheme	March	2021	2021 International Conference on Emerging Smart Computing and Informatics (ESCI)	Scopus
3	S. Divakar, A. Bhattacharjee, V. Soni, Rojalina Priyadarshini	https://doi.org/10.1007/978-981-16-5078-9_9	An IoT-Enabled Smart Waste Segregation System.	February	2021	Lecture Notes in Electrical Engineering	Scopus
4	S. Divakar, R. Priyadarshini, R. K. Barik, Diptendu Sinha Roy	https://doi.org/10.1109/Confluence51648.2021.9377076	An Intelligent Intrusion Detection Scheme Powered by Boosting Algorithm	January	2021	2021 11th International Conference on Cloud Computing, Data Science & Engineering (Confluence)	Scopus
5	S.Mishra, S.K Mohapatra, B.K Mishra, S.Sahoo	https://doi.org/10.4018/978-1-7998-5339-8.ch001	Analysis of Mobile Cloud Computing: Architecture, Applications, Challenges, and Future Perspectives	January	2021	Cognitive Big Data Intelligence with a Metaheuristic Approach	Scopus
6	Showmik Setta, Shreyashee Sinha, Monalisa Mishra, Prasenjit Choudhury	https://doi.org/10.1007/978-981-16-2937-2_32	Real Time Facial Recognition Using SURF-FAST	January	2021	International Conference on Data Management, Analytics and Innovation	Scopus
7	S. Divakar, R. Priyadarshini, B. K. Mishra	https://doi.org/10.1109/WIECON-ECE52138.2020.9397969	A Robust Intrusion Detection System using Ensemble Machine Learning	December	2020	2020 IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering (WIECON-ECE)	Scopus

8	Debendra Muduli, Ratnakar Dash & Banshidhar Majhi	https://doi.org/10.1007/978-981-16-1086-8_17	Enhancement of Deep Learning in Image Classification Performance Using VGG16 with Swish Activation Function for Breast Cancer Detection	December	2020	2020 International Conference on Computer Vision and Image Processing	Scopus
9	R. R. Khansama, R. Priyadarshini, S. K. Bisoyi, Pradeep Kumar Mallick & R. K. Barik	https://doi.org/10.1007/978-981-16-1056-1_1	A Hybrid Face Recognition Scheme in a Heterogenous and Cluttered Environment	December	2020	Advances in Intelligent Systems and Computing	Scopus
10	Mhamad Bakro, Sukant Kishoro Bisoy, Ashok K. Patel	https://doi.org/10.1007/978-981-16-0695-3_35	Performance Analysis of Cloud Computing Encryption Algorithms	November	2020	3rd International Conference on Intelligent Computing and Advances in Communication (ICAC 2020)	Scopus
11	Arabinda Pradhan, Sukant Kishoro Bisoy	https://doi.org/10.1007/978-981-16-0695-3_18	A Novel Modified PSO Algorithm with Inertia Weight Parameter	November	2020	3rd International Conference on Intelligent Computing and Advances in Communication (ICAC 2020)	Scopus
12	Tannu Kumari, Anjana Mishra	https://doi.org/10.1201/9780367854737	Deep Networks and Deep Learning Algorithms	October	2020	Artificial Intelligence Trends for Data Analytics Using Machine Learning and Deep Learning Approaches	Scopus
13	Rawaa Alatrash, H. Ezaldeen, R. Misra, Rojalina Priyadarshini	https://doi.org/10.1007/978-981-33-4299-6_10	Sentiment Analysis Using Deep Learning for Recommendation in E-Learning Domain.	June	2020	Progress in Advanced Computing and Intelligent Engineering	Scopus
14	Soumya Sahoo, Mamatarani Das, Sushruta Mishra, Saurabh Suman	https://doi.org/10.1007/978-981-15-8752-8_16	A Hybrid DTNB Model for Heart Disorders Prediction	March	2020	Lecture Notes in Electrical Engineering	Scopus
15	S. Mishra, S. Sahoo, P. Ranjan, A.R Panda	https://doi.org/10.1007/978-981-15-8685-9_24	Machine Learning Approach in Crime Records Evaluation	March	2020	Lecture Notes in Electrical Engineering	Scopus

16	Ritwik Raj, Anjana Mishra		Machine Learning for Big Data Analytics, Interactive, and Reinforcement		2020	Artificial Intelligence Trends for Data Analytics Using Machine Learning and Deep Learning Approaches	Scopus
17	Rojalina Priyadarshini, R.K.Barik, B.K.Mishra, H.Dubey	DOI: 10.4018/978-1-7998-1082-7.ch010	Meta-Heuristic and Non-Meta-Heuristic Energy-Efficient Load Balancing Algorithms in Cloud Computing		2020	Modern Principles, Practices, and Algorithms for Cloud Security(IGI-Global)	Scopus (Chapter)
18	R. Priyadarshini, M. R. Panda, P. K. Mallik, R. K. Barik	https://doi.org/10.1007/978-981-15-1451-7_45	An Improved Machine Learning Model for Stress Categorization.	April	2019	2nd International Conference on Cognitive Informatics & Soft Computing	Scopus
19	Arabinda Pradhan, Sukant Kishoro Bisoy & Pradeep Kumar Mallick	https://doi.org/10.1007/978-981-15-2305-2_8	Load Balancing in Cloud Computing: Survey	December	2019	Lecture Notes in Electrical Engineering	Scopus
20	M. R. Panda, S. Panda, R. Priyadarshini, P. Das	https://doi.org/10.1007/978-981-15-2774-6_18	Mobile Robot Path-Planning Using Oppositional-Based Improved Firefly Algorithm Under Cluttered Environment.	December	2019	Lecture Notes in Networks and Systems	Scopus
21	Sonali Pradhan, Mitrabinda Ray	https://doi.org/10.1007/978-981-15-5971-6_39	Asynchronous Testing in Web Applications	December	2019	Smart Innovation, Systems and Technologies book series	Scopus
22	Apurv Prakash, Nikita Agrawalla, Rojalina Priyadarshini, R. Misra	https://doi.org/10.1109/ICICRS46726.2019.9555893	A Novel Approach Towards Industrial Waste Management Using Q-Learning	July	2019	International Conference on Intelligent Computing and Remote Sensing (ICICRS)	Scopus
23	S. Divakar, A. Prateek, Rojalina Priyadarshini	https://doi.org/10.1109/ICICRS46726.2019.9555897	A Multi facet Deep Neural Network Model for Various Plant Disease Detection	July	2019	International Conference on Intelligent Computing and Remote Sensing (ICICRS)	Scopus
24	V. Verma, Swati Priya, Somya Mishra, Rojalina Priyadarshini	https://doi.org/10.1109/ICICRS46726.2019.9555856	Property Fraud Detection and Prevention Using Blockchain	July	2019	International Conference on Intelligent Computing and Remote Sensing (ICICRS)	Scopus

25	A. Bhattacharjee, V. Soni, Rojalina Priyadarshini	https://doi.org/10.1109/ICICRS46726.2019.9555879	Localization and Estimation of Plant Disease Intensity for Aerial Image	July	2019	International Conference on Intelligent Computing and Remote Sensing (ICICRS)	Scopus
26	Soumya Ranjan Jena, Sukant Kishoro Bisoy, Bhushan Dewan		Performance Evaluation of Energy Efficient Power Models for Different Scheduling Algorithms in Cloud using Cloud Reports		2019	International Conference on Computing, Power and Communication Technologies (GUCON)	Scopus
27	Anjana Mishra, Bighnaraj Naik, Suresh Kumar Srichandan	https://doi.org/10.4018/IJAIE.2018070104	Missing Value Imputation Using ANN Optimized by Genetic Algorithm		2018	Research Anthology on Multi-Industry Uses of Genetic Programming and Algorithms	Scopus