

S. No	Title of the Paper	Name of the Author(s)	Name of the Journal	SCI /Scopus	Year of Publication
1	Development of trust-based authorization and authentication framework for secure electronic health payment in cloud environment	A. Saranya Dr.R.Naresh Santhi Karuppiyah M.Jenifer	Soft Computing - Springer	Scopus	2024
2	An Enhanced BERT Model for Depression Detection on Social Media Posts	R. Nareshkumar Nimala.K	Lecture notes in Networks and Systems	Scopus	2024
3	Hand Gesture and Audio Recognition System Using Neural Networks	Tanmay Jain Pratyush Bisht Saranya G	2023 14th International Conference on Computing Communication and Networking Technologies,	Scopus	2024
4	A Novel Framework for Potato Leaf Disease Detection Using Deep Learning Model	Aniket Paul Bhaktram Jain Saranya G	2023 14th International Conference on Computing Communication and Networking Technologies,	Scopus	2024
5	Robust Object Detection and Tracking Model for Visually Impaired People Using Deep Convolution Neural Network Model	Dr. Priyanka R Dr.K.Vivekrabinson A.kathijanasreen W T Chembian Atharvaa Veerasundar Srimathi S	2023 International Conference on Sustainable Communication Networks and Application (ICSCNA)	Scopus	2024
6	Brain Tumor Segmentation Using Modified ResUNET Architecture	Aditya Pathak Mahek Kamani Dr. Priyanka R	2023 International Conference on Sustainable Communication Networks and Application (ICSCNA)	Scopus	2024
7	Cyber Threat Monitoring and Incident Response with IntelliWatch SIEM	Fredrick, Sam Singh, Priyanshu Kumar Rajaram V	2023 International Conference on Sustainable Communication Networks and Application (ICSCNA)	Scopus	2024
8	COMPUTATIONAL FRAMEWORK FOR HUMAN DETECTION THROUGH IMPROVED ULTRA-WIDE BAND RADAR SYSTEM	R. Prasanna Dr Banu Priya P M. Jenath Subash Rajendran M. Ashokkumar	International Journal for Multiscale Computational Engineering	Scopus	2024

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9	Exploring the developments in brain MRI classification-Review study,challenges and future directio	Pushparaj.E Dr. Arun.A	IEEE Xplore	Scopus	2024
10	Optimizing Real-Time Path Planning for NPC Navigation: Leveraging CentA* Algorithm to Enhance Efficiency and Adaptability	Akshya J Vinit Mehra Dr. Sundarrajan. M Pattapu Teja Sri Sathish R	IEEE - First International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI)	Scopus	2024
11	Optoelectronic-aided machine learning-based stable routing protocol for MANET and beyond massive MIMO systems in 5G networks	P. Gnanasekaran Dr. Varun Kumar K A N. Rajendran R. Priyadarshini Sivudu Macherla	Optical and Quantum Electronics	Scopus	2024
12	Analysis of Various Learning Approaches in Occluded Face Recognition	S. Anusha Nimala.K	2023 First International Conference on Advances in Electrical, Electronics and Computational Intelligence	Scopus	2024
13	Enhancing Idiom Classification on Text-based Conversational Data: Evaluating Transformer Model Performance through k-fold Cross-Validation	Sujatha R Nimala.K	2023 First International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI)	Scopus	2024
14	Comparative Analysis of Time Series Models for Maternal Mortality Ratio Forecasting	Shivendra Bharuka Antara Gupta Dr.T.Preethiya	IEEE Explore	Scopus	2024
15	Recent developments, application cases, and lingering issues on the path to a 6G IoT	Anitha C Balakiruthiga B Angayarkanni S A Pandi Selvi P Sathish Kumar L	IEEE Explore	Scopus	2024
16	Contextual Transaction Verification System	Ashu Sharm Rakshita R Dr. B YAMINI	IEEE Xplore - 2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering	Scopus	2024

S. No	Title of the Paper	Name of the Author(s)	Name of the Journal	SCI /Scopus	Year of Publication
17	A Flexible and Verifiable Keyword PIR Scheme for Cloud-Edge-Terminal Collaboration in AIoT	Huijie Yang Wenying Zheng Tao Zhang Pandi Vijayakumar Brij B.Gupta Varsha Arya Dr.Mary Subaja Christo	IEEE Internet of Things Journal	Scopus	2024
18	Hybrid machine learning approach for trust evaluation to secure MANET from routing attacks	Meenakshi K Revathi, M Harsha, Sanda Sri Tamilarasi, K Shanthi, T.S Sugumar D Suriyakrishnaan, K Uma Maheswari, B Rajaram A	Journal of Intelligent & Fuzzy Systems	Scopus	2024
19	Privacy-preserving dual interactive wasserstein generative adversarial network for cloud-based road condition monitoring in VANETs	K. Lakshmi Narayanan Dr.R.Naresh	Applied Soft Computing	Scopus	2024
20	An Enhancement of Identity Based Conditional Privacy-preserving Authentication Process in Vehicular Ad Hoc Networks	K. Lakshmi Narayanan Dr.R.Naresh	International Journal of Computer Network and Information Security	Scopus	2024
21	Artificial intelligence-based data wrangling issues and data analytics process for various domains	Dr.V.Pandimurugan Rajaram V S. Srividhya Saranya G Paul Rodrigues	River Publishers Book Chapter	Scopus	2024
22	Deep Learning Approaches for Intrusion Detection with Emerging Cybersecurity Challenges	Hemalatha S. Dr.M.Mahalakshmi V. Vignesh M. Geethalakshmi D. Balasubramanian Jose Anand A	IEEE Xplore conference	Scopus	2024

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23	GIEnsemformerCADx: A hybrid ensemble learning approach for enhanced gastrointestinal cancer recognition	Akella S. Narasimha Raju K. Venkatesh B. Padmaja G. Sucharitha Reddy	Multimedia Tools and Applications, 2024 - (Media Technology - Q1 Journal)	Scopus	2024
24	Any Bluetooth device can be hacked. Know how?	Prathibha Muraleedhara Mary Subaja Christo Jaya J Yuvasini D	Cyber Security and Applications	Scopus	2024
25	CKD Prediction using Mixed Dataset Concept and Deep Learning: A Combined Approach for Accurate Diagnosis	Subashini. N. J Venkatesh. K	IEEE Xplore - 2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering	Scopus	2024
26	Performance Analysis for Chronic Kidney Disease Prediction by Applying Preprocessing and Feature Selection Methods Based on Machine Learning Techniques	Subashini. N. J Venkatesh. K	IEEE Xplore -2023 First International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI)	Scopus	2024
27	Enabling an On-demand Access to Community Sentiments using LSTM RNNs Web Service Architecture	N Prabakaran A. Anbarasi N. Deepa P Pandiaraja	Procedia Computer Science	Scopus	2024
28	Automatic Classification of Railway Complaints using Machine Learning	Tulasi Sathivika Roy G. Vasukidevi TYJ Naga Malleswari Ushasukhanya Nayani Namratha	E3S Web of Conferences	Scopus	2024
29	Enhanced Password Security through Multi-Split Encryption and Recovery	Medhavi Mehta Sri Krishna Siddhardha Varma K Dr. B YAMINI	IEEE Xplore - 2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering	Scopus	2024

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30	Milk Grade Detection and Analysis of Quality Factors for Dairy Farm Management	Anish Gogna Abhishek Rajpal Dr. B YAMINI	IEEE Xplore - 2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering	Scopus	2024
31	Deep Learning Methods for Segmenting and Classifying Diabetic Retinopathy	Nagasudha Dr. Senthamarai N	1st International Conference on Advances in Electrical, Electronics and Computational Intelligence	Scopus	2024
32	Revolutionizing University Graduate Employability: Leveraging Advanced Machine Learning Models to Optimize Campus Recruitment and Placement Strategies	K Deepa Thilak K Lalitha Devi K Kalaiselvi Jeelakarra Teja	2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication	Scopus	2024
33	Multiple plant leaf disease detection using efficient Machine learning classification techniques	K Kalaiselvi K Deepa Thilak Dr.K.Lalitha Devi Dr.K. Kumaresan	2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication	Scopus	2024
34	Farmer Assistant System: An Integrated Crop Disease Detection and Remedial Approach	Rohith Suram K Kalaiselvi K.Jaswanth Reddy	2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication	Scopus	2024
35	EEMS - Examining the Environment of the Job Metaverse Scheduling for Data Security	Bandaru VNR Dr. P. Visalakshi	International conference on cognitive computing and cyber physical system	Scopus	2024

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36	Fluid Segmentation in Retinal OCT images with Pigment Epithelial Detachment	T. M. Sheeba S. Albert Antony Raj Dr. M. ANAND	IEEE Xplore	Scopus	2024
37	Smart Waste Collecting Robot Integration With IoT and Machine Learning	Dr. S. Srinivasan Dr. Umamagewaran Jambulingam Dr. K. E. Purushothaman J Jegan Amarnath	IEEE Xplore	Scopus	2024
38	IoT-Based Car Safety System With Airbag Notification for Emergency Assistance	Dr. L. Ramalingam Dr. S. Muthumarilakshmi M. Venkatesh Dr. Umamagewaran Jambulingam N. Malathi	IEEE Xplore	Scopus	2024
39	Feature Based Training for Crime Detection using Deep Learning Techniques	Dr. Mahalakshmi P S.Thenmalar	IEEE Explore - 2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2023	Scopus	2024
40	Developing Advanced Software Keylogger using Python and Creating Awareness of their Functionalities	Jerin Joy Rajaram V Aditya A R V. Pandimurugan	Second International Conference on Automation, Computing and Renewable Systems (ICACRS-2023)	Scopus	2024
41	Decentralized Cloud Disaster Recovery using Consensus Algorithm	Sai Haree Ram S Uppala Durga Samrith S Dr.V.Pandimurugan	IEEE Xplore conference	Scopus	2024
42	IoT-Enabled Intelligent Irrigation System with Machine Learning-Based Monitoring, for Effective Rice Cultivation	Mujawar, Riyajuddin Yakub Lakshminarayanan R Jyothi A.P. Shanmuga Prabha P. Patnaik, Sumagna Dhayalini K	International Journal of Intelligent Systems and Applications in Engineering	Scopus	2024

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43	An Optimized Learning Model for Image Denoising using Modern Deep Learning Approaches	Karthikram, A Saravanan M	IEEE Xplore	Scopus	2024
44	Synergistic Agro-Cybernetics -An Eco Intelligent Network for Resilient Agroecology	Rajya Vardhan Rohan Kumar Supraja P	IEEE Xplore - Proceedings of the Second International Conference on Automation, Computing and Renewable Systems (ICACRS-2023),pudukottai	Scopus	2024
45	Hybrid total variance void-based noise removal in infrared images	Kamaleswari Pandurangan Dr.N.Krishnaraj	Indonesian Journal of Electrical Engineering and Computer Science	Scopus	2024
46	Enhanced symbiotic organism search optimization algorithm for plant disease classification	Subbiah, Priyanga Dr.N.Krishnaraj	Journal of Intelligent &Fuzzy Systems	Scopus	2024
47	Detection and Prevention of Black Hole Attack using Tree Hierarchical Deep Convolutional Neural Network and Enhanced Identity-based Encryption in Vehicular Ad Hoc Network	K. Lakshmi Narayanan Dr.R.Naresh	IEIE Transactions on Smart Processing and Computing	Scopus	2024
48	Unravelling Emotional Tones: A Hybrid Optimized Model for Sentiment Analysis in Tamil Regional Languages	Sangeetha M Nimala.K	Journal of Machine and Computing	Scopus	2024
49	Air quality index prediction using seasonal autoregressive integrated moving average transductive long short-term memory	S.Deepan Saravanan M	ETRI Journal Wiley	Scopus	2024
50	Improving patient centric data retrieval and cyber security in healthcare: privacy preserving solutions for a secure future	S.Arunprasath Dr. Suresh. A	Multimedia Tools and Applications	Scopus	2024
51	VULNERABILITY DETECTION IN CYBER-PHYSICAL SYSTEM USING MACHINE LEARNING	V.Bharathi VINOTH KUMAR C N S	Scalable Computing	Scopus	2024
52	An adaptive network model-based weighted similarity measure for CT image denoising	A. Karthikram Saravanan M	Soft Computing	Scopus	2024

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53	An efficient multimodal sentiment analysis in social media using hybrid optimal multi-scale residual attention network	Bairavel Subbaiah Kanipriya Murugesan Dr. S. Prabakeran Krishnamurthy Marudhamuthu	Artificial Intelligence Review	Scopus	2024
54	Improvised Multi-Factor Authentication for End-User Security in Cyber Physical System	M.Maranco R.Logeshwari Dr.Sivakumar M. V.Manikandan	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	Scopus	2024
55	Smart System for Vechicle Number Plate Recognition Using Convolutional Neural Network(CNN)	R Nidhya R Kalpana R Sudhakar M Maranco Smilarubavathy	IEEE Xplore	Scopus	2024
56	Calorie estimation of real time south Indian food data using Convolutional Neural Network	Vishal Aravinth A Aakash G Dr.T.Preethiya	IEEE Xplore	Scopus	2024
57	LungVision in Humans-An Ensemble Method of Classification of Cancer in Lungs	Shivakumar. R Sandeep Babu. S Dr.T.Preethiya	IEEE Xplore	Scopus	2024
58	Automated Make and Model Identification of Reverse Shoulder Implants Using Deep Learning Methodology	Ved Prakash Dubey A. Ramanathan Senthilvelan Rajagopalan C.Malathy M.Gayathri Vineet Batta Srinath Kamineni	Communications in Computer and Information Science	Scopus	2024
59	Improved Elman Deep Learning Model for Intrusion Detection System in Internet of Things	G. Parimala Dr. Kayalvizhi R	Journal of Internet Services and Information Security	Scopus	2024
60	Live Tracking of Metro Rail using Internet of Things	Arnav Aggarwal Ronit Kumar Navdeep Singh Jakhar Dr. Gouthaman. P	IEEE Xplore	Scopus	2024

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61	Multimodal Sensor Data Fusion Based Cyberattack Detection in Industrial Internet of Things Environment	Dr R.Nithya J.Jerlin Adaikala Sundar Dr. B. Rajesh kanna Mr.M. S Balamurugan R.Sindhuja Aviral Srivastava	2023 7th International Conference on Electronics, Communication and Aerospace Technology (ICECA)	Scopus	2024
62	Human crowd behaviour analysis based on video segmentation and classification using expectation–maximization with deep learning architectures	Shruti Garg Sudhir Sharma Sumit Dhariwal W. Deva Priya Mangal Singh Dr S Ramesh	Multimedia Tools and Applications	Scopus	2024
63	Spectral energy balancing system with massive MIMO based hybrid beam forming for wireless 6G communication using dual deep learning model	Ramesh Sundar Mohammad Amir Ranjith Subramanian D. Prabakar Jayant Giri G. Balachandran Furkan Ahmad	Heliyon	Scopus	2024
64	Enhanced Windows Fuzzy Firewall for DOS Attack Prevention	Himanshu Manubhav Sharma Dr.G.Sujatha	IEEE explorer	Scopus	2024
65	Speech to Lip Sync generation using Deep learning Algorithm	P Hirishikesh MVS Yaswanth Helen Victoria A	2023 6th International Conference on Information Technology (OCIT), Raipur, India	Scopus	2024
66	Hybrid total variance void-based noise removal in infrared images	Kamaleswari Pandurangan Dr.N.Krishnaraj	Indonesian Journal of Electrical Engineering and Computer Science	Scopus	2024
67	A Systematic Study and Detailed Performance Assessment of SDN Controllers Across a Wide Range of Network Architectures	V.Sujatha Dr. S. Prabakeran	International Conference on Soft Computing and Signal Processing ICSCSP 2023: Soft Computing and Signal	Scopus	2024
68	Sensors Based Optimized Closed Loop Control Algorithm to Minimize Hypoglycemia/Hyperglycemia using 4-Variate Time Series Data	Geetha G Arun Mozhi Selvi Sundarapandi Hemlathadhevi A Surendran Rajendran	Journal of New Materials for Electrochemical Systems	Scopus	2024

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69	Generalized Dombi-based probabilistic hesitant fuzzy consensus reaching model for supplier selection under healthcare supply chain framework	Abhijit Saha Bijoy Krishna Debnath Prasenjit Chatterjee Annapurani K. Panaiyappan Surajit Das Gogineni Anusha	Engineering Applications of Artificial Intelligence	Scopus	2024
70	A Study on Brain Tumor in Various Fields using Machine Learning	Pushparaj.E Dr. Arun.A	IEEE Xplore	Scopus	2024
71	IoT-Based Smart Irrigation System in Aquaponics Using Ensemble Machine Learning	Aishani Singh Dhruv Bajaj Safa.M A. Arulmurugan A. John	Lecture Notes in Networks and Systems ((LNNS,volume 840))	Scopus	2024
72	Comparative Performance Analysis of Machine Learning Classifiers on Weather Data	J.Dhanalakshmi N.Ayyanathan Dr.A.Prabhu Chakkaravarthy	IEEE XPLORE	Scopus	2024
73	Using Real-Time Data and AI for Thrust Manufacturing	Siva Kumar A G.Indra Umamageswaran Jambulingam Ramyadevi K Praveen Kumar B Kalpana AV	3D Localization in the Era of IIoT by Integrating Machine Learning With 3D Adaptive Stochastic Control Algorithm	Scopus	2024
74	Industry Applications of Thrust Manufacturing: Convergence with Real-Time Data and AI	Indumathi Ganesan N.P.Ponnuviji A.Sival Kumar M.Nithya Umamageswaran Jambulingam S.D.Lalitha	Real-Time Event Detection and Predictive Analytics Using IoT and Deep Learning	Scopus	2024
75	Identification of Ankle Implants Using Anterior Posterior View	Shaik Mushkin All Sahithi Nara C.Malathy R.Athilakshmi M.Gayathri Vineet Batta A.Ramanathan	IEEE Explore	Scopus	2024

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76	Markov enhanced I-LSTM approach for effective anomaly detection for time series sensor data	V. Shanmuganathan Dr. Suresh. A	International Journal of Intelligent Networks	Scopus	2024
77	Neuro-facial Fusion for Emotion AI: Improved Federated Learning GAN for Collaborative Multimodal Emotion Recognition	Saisanthiya D P. Supraja	IEIE Transactions on Smart Processing and Computing	Scopus	2024
78	AN ELIXIR FOR BLOCKCHAIN SCALABILITY WITH CHANNEL BASED CLUSTERED SHARDING	V. Vinoth Kumar U. Padmavathi C. Prasanna Ranjith J Balaji C.N.S. Vinoth Kumar	Scalable Computing: Practice and Experience	Scopus	2024
79	One-click medicine discovery in real time	Manas Tuteja Naivedya Tiwari Vasim Babu Abirami VINOTH KUMAR C N S	AIP Conference Proceedings, AIP Conf. Proc. 2512, 020020 (2024) https://doi.org/10.1063/5.0150156	Scopus	2024
80	Forecasting Cyber Intrusions Using Machine Learning	Ashish Varma A Tharun Kumar Dr. B YAMINI	2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)	Scopus	2024
81	Classification of Conversational Sentences Using an Ensemble Pre-Trained Language Model with the Fine-Tuned Paramete	Sujatha R Nimala.K	Computers, Materials and Continua	Scopus	2024
82	Detecting the symptoms of COVID-19 during pandemic environment using smart spectacle thermal images and deep capsule networks	B, Dwarakanath Dr.V.Pandimurugan R, Mohandas M, Sambath B.V, Baiju A, Chinnasamy	Multimedia Tools and Applications	Scopus	2024
83	Convergence of AI and self-sustainability: Technology integration in the healthcare ecosystem	R. Anitha M. Rajkumar B. Jothi Aancy, H. Mickle Sujatha G Sam B	Book chapter- Advanced Applications in Osmotic Computing	Scopus	2024

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84	Harnessing Attention-Based Graph Recurrent Neural Networks for Enhanced Conversational Flow Prediction via Conversational Graph Construction	Sujatha R Nimala.K	Journal of Information & Knowledge Management	Scopus	2024
85	Correlation between Vaccination and Child Mortality Rate Using Multivariate Linear Regression Model	Revathi A Kaladevi R Vimaladevi M Hariharan S Cherukuri A.K Sujatha R	Journal of Information & Knowledge Management	Scopus	2024
86	Optimizing Prediction Accuracy in High-Dimensional Data: Comparative Analysis of Feature Selection Methods with Naive Bayes Algorithm	T. Rajendran C. Balakrishnan B. Yamini CH. Srilakshmi B. Maheswari M. Nalini R. Siva Subramanian	SSRG International Journal of Electronics and Communication Engineering	Scopus	2024
87	Security of Images Using Pascal's Triangle Chaotic Encryption Scheme and with Biometric Authentication in Cloud Storage	Raghav Gupta Manasa Gullapalli Dr G Suseela	IEEE EXPLORE	Scopus	2024
88	Blockchain-Enhanced Feedback Management System for Educational Institutions	Medhavi Mehta Sri Krishna Siddhardha Varma K Dr. B YAMINI	2024 2nd International Conference on Computer, Communication and Control (IC4)	Scopus	2024
89	Survey on Machine Learning Techniques Used for Central Serous Retinopathy Detection	M. Suba S. Nirmala Sugirtha Rajini Dr. M. ANAND	IEEE Xplore	Scopus	2024
90	Digital Twin-Based Smart Healthcare Services for the Next Generation Society V. Hemamalini, Firas Armosh, Amit Kumar Tyagi	Hemamalini V Armosh, Firas Tyagi, Amit Kumar	Future of AI in Medical Imaging	Scopus	2024
91	Blockchain-based intelligent, interactive healthcare systems	Hemamalini V Tyagi, Amit Kumar Rajivkannan A	Future of AI in Medical Imaging	Scopus	2024

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92	DDoS Attack Detection System for IoT Enabled Smart City Applications with Correlation Analysis	Veeramachaneni Nirosha, Hemamalini Venkatesan	2024 4th International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2024	Scopus	2024
93	Fuzzy-GEC an Energy-Aware Hybrid Task Scheduling on the Cloud	K. Lalitha Devi Deepa Thilak K C. Shanmuganathan K. Kalaiselvi	Lecture Notes in Networks and Systems	Scopus	2024
94	Revolutionizing Face Detection_ VisionaryNet’s Breakthrough in Unraveling Facial Complexity	V. Nallarasan Dr. N. Arivazhagan Dr. R. Lakshminarayanan Dr D Sharmila Dr. Nagaveni B Sangolg Anand M	IEEE xplore	Scopus	2024
95	Prediction of Kidney Disease Utilizing a Hybrid Deep Learning Methodology	V. Nallarasan Vijayakumar Ponnusamy Dr. R. Lakshminarayanan Sona k S.Vigneshwari Dr. R. Vinoth	IEEE xplore	Scopus	2024
96	Enhancing Cloud Computing Resource Allocation with LSTM-Based Predictive Modeling	M Jananee Nimala.K R. Nareshkumar	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES	Scopus	2024
97	Sentiment Analysis for Depression using Human Expression	Somya Sarathi Samal Kussagra Pathak Nimala.K R. Nareshkumar	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES	Scopus	2024
98	Optimizing Mobile Ad Hoc Network cluster based routing: Energy prediction via improved deep learning techniqu	V. Senthil Murugan Bhuvan Unhelkar	International Journal of Communication Systems	Scopus	2024

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99	Implementation of wearable device for upper limb rehabilitation using embedded IoT	M. Veeresh Babu V. Ramya Dr.Senthil Murugan.V	International Journal of Engineering Systems Modelling and Simulation	Scopus	2024
100	A Contemporary approach for emotion recognition using deep learning techniques from IEMOCAP multimodal emotion dataset	Saisanthiya D P. Supraja	AIP Conference Proceedings	Scopus	2024
101	Machine learning algorithms for predicting of chronic kidney disease and its significance in healthcare	B. Yamini T. Saraswathi P. Radhakrishnan M. Nalini M. Shanmuganathan Siva Subramanian.R	International Journal of Advanced Technology and Engineering Exploration	Scopus	2024
102	IoT Assisted Fisherman Aid to Detect Borders and Alert System by using Intelligent GPS Technology	AP. Ramesh R.NithyaParanthaman M. Porkodi V. Aruna S.Rohini	2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	Scopus	2024
103	Elevating Security in Wireless Sensor Networks using ECC and AES Cryptographic Techniques	D.S.Dayana R.Pandian A.Ramesh Babu S.Nirmalraj S.D.Sundarsingh Jebaseelan Mohan V	3rd International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)2023	Scopus	2024
104	Semantic segmentation of urban environments: Leveraging U-Net deep learning model for cityscape image analysis	T. S. Arulananth P. G. Kuppusamy Ramesh Kumar Ayyasamy Saadat M. Alhashmi M. Mahalakshmi K. Vasanth P. Chinnasamy	PLOS ONE	Scopus	2024
105	Medical image security by crypto watermarking using enhanced chaos and fruit fly optimization algorithm with SWT and SVD	Abirami R C. Malathy	Multimedia Tools and Applications	Scopus	2024

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106	Deep neural network with fuzzy algorithm to improve power and traffic-aware reliable reactive routing	Radhakrishnan Murugesan Satish Kanapala Subash Rajendran Prathaban Banu Priya Rathinasabapathy Ramadevi Natarajan Duraichi Rengaraj Hema	Indonesian Journal of Electrical Engineering and Computer Science	Scopus	2024
107	An Early Warning System for Driver Fatigue Detection Using Viola-Jones Over Hog Algorithm	Banu Priya Prathaban Subash Rajendran D. Ferlin Deva Shahila Jenath. M R. Prasanna	IEEE Xplore	Scopus	2024
108	Novel Biometric ATM User Authentication and Real-Time Secure Clickbait for Multi-Bank Transactions	D. Ferlin Deva Shahila Banu Priya Prathaban Valantina Stephen P Aruna Jeyanthi D. Lilly Evangelin	IEEE Xplore	Scopus	2024
109	Automated Driving Licensing System Based on Wireless Sensor Networks and IoT	Prasanna R Jenath. M Banu Priya Prathaban M.H.Masood H Umma Habiba Rajesh kanna R	IEEE Xplore	Scopus	2024
110	Grouping based Wrong Way Vehicle Detection	Lakshmi G Brindha S Banu Priya Prathaban Rashmi A	IEEE Xplore	Scopus	2024
111	Single Image Dehazing for Efficient Search Exploration Using Machine Learning Technique	Dr. Ashwini A M Angel Merlin Suji Banu Priya Prathaban Shamini G I Gadde Mukesh Narayana	IEEE Xplore	Scopus	2024
112	A Fuzzy logic Clustering Classification of Satellite Images Using K-Means Clustering	D.Abdus Subhahan VINOTH KUMAR C N S	2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	Scopus	2024

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113	An Adaptive Defensive Mechanism for DQN Storage Resources Allocation from Advanced Persistent Threats	U. Sakthivelu VINOTH KUMAR C N S	2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSSES)	Scopus	2024
114	Personality Prediction System for Twitter Stream Using Machine Learning Models	Dr. S. Prabakeran Prateek chandrasekhat patnaik M. Abinaya	International Conference on Soft Computing and Signal Processing ICSCSP 2023: Soft Computing and Signal Processing	Scopus	2024
115	A Fuzzy logic Clustering Classification of Satellite Images Using K-Means Clustering	D.Abdus Subhahan VINOTH KUMAR C N S	IEEE 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSSES)	Scopus	2024
116	An Adaptive Defensive Mechanism for DQN Storage Resources Allocation from Advanced Persistent Threats	U. Sakthivelu VINOTH KUMAR C N S	IEEE 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSSES)	Scopus	2024
117	Fractional chebyshev based optimization algorithm trained deep learning for cardiovascular risk prediction using retinal fundus images	T. Rajesh Kumar Vamsidhar Enireddy Dr .Kalaiselvi k. Mohammad Shahid Vijendra Babu D Sudha I	Biomedical Signal Processing and Control	Scopus	2024
118	A Systematic Procedure to Identify Human Blood Groups by using Image Processing Assisted Learning Principle	Anita Titus K.Mekala Devi G. Divya Padmaja Nimmagadda S. Vijay Shankar	IEEE Xplore	Scopus	2024
119	A Novel Evaluation of Cryptocurrency Future Price Prediction to Manage Fluctuations in Market by using Hybrid Learning Methodology	D. Pradeep G. Divya R Rajeshwari R.Deepa T. V. V. Satyanarayana	IEEE Xplore	Scopus	2024

S. No	Title of the Paper	Name of the Author(s)	Name of the Journal	SCI /Scopus	Year of Publication
120	ARITM: A Perceptual Quality Magnification of Noise Suppressed Digital Images using Adaptive Recursion and Image Transformation Model	K.Kannan Divya G L.Chithra V.Aruna V. Mohanavel	IEEE Xplore	Scopus	2024
121	A Unique Strengthening Mango Farming Model Combining Disease Surveillance, Quality Control and Production Management	Anish Gogna Abhishek Rajpal Dr. B YAMINI	2024 IEEE International Conference on Computing, Power and Communication Technologies (IC2PCT)	Scopus	2024
122	A Contemporary Approach for Emotion Recognition using Deep Learning Techniques from IEMOCAP Multimodal Emotion Dataset	D. Sai Sandhya Supraja P	AIP Conference Proceedings	Scopus	2024
123	Neuro-Facial Fusion for Emotional AI: Improved Federated Learning GAN for Collaborative Multimodal Emotion Recognition	D. Sai Sandhya Supraja P	IEIE Transactions on Smart Processing and Computing	Scopus	2024
124	Elevating thermal comfort with eco-friendly concrete roof tiles crafted from municipal solid waste	Mukilan Poyyamozi Balasubramanian Murugesan Supraja P Velan Chidambaranathan Ramalingam Senthil	Journal of Building Engineering	Scopus	2024
125	Security Clouds to Improve Privacy and Conduct Continuous Audits in 6G Networked Environments Smart Cities	M. Mageshwari Dr. R. Naresh	Wireless Personal Communications - Springer	Scopus	2024
126	BlockFund – Leveraging Escrow and Milestone Algorithm for Secure Crowdfunding	Aditya Pandiarajan Chunduru Venkata Lakshmi Parimala G	IEEE Xplore	Scopus	2024
127	Implementation of Power Meter System Security in Smart Grids with QRNG Method	Aum Patel Simran Shrivastava Sujatha G	IEEE Xplore	Scopus	2024

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128	An intelligent water drop algorithm with deep learning driven vehicle detection and classification	Thavavel Vaiyapuri Dr.Sivakumar M Shridevi S3 Velmurugan Subbiah Parvathy Venkata Naga Ramesh Khasim Syed Sachi Nandan Mohanty	AIMS Mathematics	Scopus	2024
129	Energy Efficiency in Heterogenous Cloud Data Centers by inculcating a combination of Q-Learning and Deep Q-networks	V.Pandimurugan Balakiruthiga B Rajaram V Umamageswaran J Angayarkanni S A Rajasoundaran	IEEE Xplore	Scopus	2024
130	Modelling of healthcare data analytics using optimal machine learning model in big data environment	Fancy C Nagappan Krishnaraj K. Ishwarya G. Raja Shyamala Chandrasekaran	Expert Systems	Scopus	2024
131	Hybrid Crow Search and Particle Swarm Algorithmic optimization based CH Selection method to extend Wireless Sensor Network operation	Vinoth Kumar P Venkatesh. K	Journal of Machine and Computing	Scopus	2024
132	Hybrid Seagull and Whale optimization algorithm-based dynamic clustering protocol for improving network longevity in wireless sensor networks	Vinoth Kumar P Venkatesh. K	China Communications	Scopus	2024
133	Predictive Modeling for Restaurant Menu Customization: An FP-Growth Algorithm-Based Solution	Anil Kumar Sah Venkatesh. K	IEEE Xplore	Scopus	2024

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134	Experimental Evaluation of Internet of Things Assisted Industrial Automation System with Smart Emergency Alert Mechanism	Dr. B YAMINI Sreeraj S K.Supriya Vinithra Banu.T Ragini P Y Phaneendra Kurada	IEEE Xplore	Scopus	2024
135	COMPARISON OF IMAGE ENCRYPTION TECHNIQUES USING CHAOTIC MAPS AND CONVENTIONAL CRYPTOGRAPHIC TECHNIQUES	Aanchal Varshney Pratyusha Routh Sujatha G	IEEE Xplore	Scopus	2024
136	Reduction of Frequent Link Disconnection Problem for Reliable Connection in Internet of Vehicles (IoV)	J Mani Dr A Vijay Vasanth	IEEE Xplore	Scopus	2024
137	DevSecOps in Finance: Strengthening the Security Model of Applications	Priyanshi David Mohit Kumar Kushwaha Dr G Suseela	IEEE Xplore	Scopus	2024
138	Security and Privacy Protection of Medical Images Using Pascal's Triangle Chaotic Scheme in Cloud Storage	Raghav Gupta Dr G Suseela Chunduru Venkata Lakshmi Vaasavi	Lecture Notes in Networks and Systems Publisher: Springer Nature Source type: Book Series	Scopus	2024
139	Creation of Continuous Integration Continuous Deployment Pipeline Using Cloud	Ayush Ankit Nimala.K Madhuri Jadhav	Proceedings - 2024 5th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2024	Scopus	2024
140	Deforestation rate estimation using crossbreed multilayer convolutional neural networks	D. Abdus Subhahan VINOTH KUMAR C N S	Multimedia Tools and Applications	Scopus	2024
141	Ensemble-based deep learning techniques for customer churn prediction model	Subramanian, R.S Yamini, B Sudha, K Sivakumar, S.	Kybernetes	Scopus	2024

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143	Hybrid Machine Learning Approaches for Predicting and Diagnosing Major Depressive Disorder	Mr. N. Balakrishna Dr. M. B. Mukesh Krishnan Dr. D. Ganesh	International Journal of Advanced Computer Science and Applications	Scopus	2024
144	A hybrid stacking classifier with feature selection for handling imbalanced data	Asha Abraham Kayalvizhi, R Mohideen, Habeeb Shaik	Journal of Intelligent & Fuzzy Systems	Scopus	2024
145	Demystifying Deep Learning Techniques in Knee Implant Identification	Shaswat Srivastava A. Ramanathan Puthur R. Damodaran Dr.C.Malathy M. Gayathri Vineet Batta	Lecture Notes in Networks and Systems	Scopus	2024
146	Urban Slum Mapping Using Homogeneous Urban Patches	R Prabhu M Sangeetha Priya R Dayana M Suresh	IEEE Xplore	Scopus	2024
147	Novel Algorithmic Recommendation Engine for Diverse Content Discovery	Ashu Sharma Rakshita Raj Dr. B YAMINI	IEEE Xplore	Scopus	2024
148	DL-TBAM: Deep Learning Transformer based Architecture Model for Sentiment Analysis on Tamil-English Dataset	Sangeetha, M. Nimala.K	Journal of Intelligent & Fuzzy Systems	Scopus	2024
149	Transforming Lung Carcinoma Analysis: Deep Learning's Efficient Segmentation and Classification	D.Divya D.Saveetha V.C.Bharathi P.Shanmugam	IEEE Xplore	Scopus	2024

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151	Critical Approaches to Data Engineering Systems and Analysis	K.Sudha C.Balakrishnan T.P. Anish T.Nithya B.Yamini R.Siva Subramanian M.Nalini	Data Insight Unveiled: Navigating Critical Approaches and Challenges in Diverse Domains Through Advanced Data Analysis	Scopus	2024
152	PYTHON PROGRAMMING Beginners Guide	Dr.Sundarrajan M Mr.Mani Deepak Choudhry Mr.S.Jeevanandham Dr.Akshya Jothi	Notion Press	Scopus	2024
153	Data Science and IoT	S. Metilda Florence Fancy Vetrithangam Ravidra Bharadwaj	Scientific International Publishing House	Scopus	2024
154	The role of digital twin technology in engagement detection of learners in online learning platforms/IGI Publisher	T.Y.J Naga Malleswari S.Ushasukhanya	Digital Twin Technology and AI Implementations in Future-Focused Businesses, IGI Global	Scopus	2024
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156	Image Processing using Cloud for Surveillance	Shivam Tiwari Aarhee Phukan T.R.Vedhavathy	ACM International Conference Proceeding Series	Scopus	2024

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157	Modelling the mechanical properties of concrete produced with polycarbonate waste ash by machine learning	S. Sathvik Rakesh Kumar Nestor Ulloa Pshtiwan Shakor M. S. Ujwal Kennedy Onyelowo G. Shiva Kumar Mary Subaja Christo	Scientific Reports (Nature Journal)	Scopus	2024
158	Predicting the fire-induced structural performance of steel tube columns filled with SFRC-enhanced concrete: using artificial neural networks approach	Christo George Edwin Zumba Maria Alexandra Procel Silva S. Senthil Selvan Mary Subaja Christo Rakesh Kumar Atul Kumar Singh Sathvik S Kennedy Onyelowo	Frontiers in Built Environment	Scopus	2024
159	Precision in Pixel Prediction: Video Interpolation through Polynomial Fitting	Dr. Geetha G Anisha Sahay Anjanay Khare	IEEE Xplore	Scopus	2024
160	Cloud based Effective Environmental Monitoring of Temperature, Humidity and Air Quality using IoT Sensors	Ms. J. Dharshani Dr. Suresh. A	ACM International Conference Proceeding Series	Scopus	2024
161	Quantum Teleportation and Entanglement Based Quantum Blind Signature Protocol for Quantum Secure Communication in Security Service Bases	Sumathy G Dr. Suresh. A Udendhran R Maheshwari A Arunprasath S	ACM International Conference Proceeding Series	Scopus	2024
162	Contextual transcription and Summarization of audio using AI	Karan Pandita Purab Kulranjan Singh Thakur Dr. Suresh. A	ACM International Conference Proceeding Series	Scopus	2024
163	Unified Voyage: Enhancing collaborative group travel planning and coordination	Rushishwar Reddy Manthena Sahithi Krishna Pavuluri Dr. Suresh. A	ACM International Conference Proceeding Series	Scopus	2024

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166	Industrial automation in drug discovery: The emerging of smart manufacturing in Industry 5.0	Hemamalini Venkatesan Amit Kumar Tyagi, P Vasuki Shabnam Kumari	IGI Global	Scopus	2024
167	Emerging technologies in drug discovery for providing efficient services to patients: Future opportunities and challenges	Hemamalini Venkatesan M. Jeyaselvi S.Savitha Amit Kumar Tyagi,	IGI Global	Scopus	2024
168	Revolutionizing drug Discovery With Cutting-Edge Technologies: Issue and Challenges for the Next Decade	Hemamalini Venkatesan Amit Kumar Tyagi, Vennila V. Shabnam Kumari	IGI Global	Scopus	2024
169	Revolutionizing Global IT Supply Chains: A Decentralized Framework for Cost-Effective and Streamlined Operations in Critical Events	Sai Haree Ram S Uppala Durga Samirth S Dr.V.Pandimurugan	IEEE 2024 International Conference on Cognitive Robotics and Intelligent Systems (ICC - ROBINS)	Scopus	2024
170	Genetically Optimized Cyber- Physical System (CPS) for Breast Cancer Identification using an LS-SVM Classifier	Dr.N.Deepa B. Arunsundar Lilly Raamesh Jhansi Rani Challapalli4	wireless Personal Communications	Scopus	2024
171	Lightweight DDoS Attack Detection and Mitigation in Software-Defined Networks Using Deep Learning	V. Sujatha Dr. S. Prabakeran	2023 International Conference on New Frontiers in Communication, Automation, Management and Security (ICCAMS)	Scopus	2024

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173	Underwater Photography Noise Cancellation	Devjyoti Mohanty Vaibhav Jain Dr. Nithya Paranthaman R	ICIMMI '23: Proceedings of the 5th International Conference on Information Management & Machine Intelligence	Scopus	2024
174	Enhancing Road Safety with Real-Time Helmet Detection and E-Challan Issuance using YOLO and OCR	Deepa S VINOTH KUMAR C N S Dr. Vivek Duraivelu Dr Balamurugan Easwaran Suguna R Aparna H	Proceedings of 2024 International Conference on Cognitive Robotics and Intelligent Systems (ICC - ROBINS 2024)	Scopus	2024
175	Two Factor Authentication using secure algorithm for Cloud Container	Vinit M. Onmalwar VINOTH KUMAR C N S	2024 3rd International Conference for Innovation in Technology (INOCON)	Scopus	2024
176	Efficient data routing for agricultural landscapes: ensemble fuzzy crossover based golden jackal approach	S. Sivakumar Dr. B YAMINI Subhashini Palaniswamy N. Vadivelan	Signal, Image and Video Processing	Scopus	2024

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178	Wild Life Detection Providing Security to Villages - YOLO v8	Shayan Hore Deepa Thilak K SILPI KARTHEEK ACHARI	2023 3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	Scopus	2024
179	Detection of Phishing Link and QR Code of UPI Transaction using Machine Learning	Gangisetty Raj Charan Deepa Thilak K	2023 3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	Scopus	2024
180	Maximizing the Revolutionary Potential of Quantum Computing: Challenges, Opportunities, and Future Directions	Dr. B YAMINI R. Nithyanandhan Dr.K.Sudha Dr.Nithya T Vijayakumar K Siva Subramanian R	2024 10th International Conference on Communication and Signal Processing (ICCSP)	Scopus	2024
181	Feature Extraction of the Human Ear Based on Enhanced Active Contour Method	Hemamalini Venkatesan Annapurani K Pinaki Saha Kushal Batra Jaydeep Chatterjee	Procedia Computer Science, ScienceDirect, Elsevier	Scopus	2024
182	Enhanced Whale Optimization and Ensemble Learning Algorithm for Autism Spectrum Disorder Classification	S. Saravana Kumar K. Selvakumar Dr.Senthil Murugan.V	Nanotechnology Perceptions	Scopus	2024
183	E-waste prediction and optimal route selection using adaptive deep Markov random field and block chain	P. Santhuja Dr V Anbarasu	kybernetes	Scopus	2024
184	Credit Card Fraud Detector	Vani Kumar Vanshaj Bhardwaj Dr V Anbarasu	ACM DIGITAL LIBRARY	Scopus	2024
185	Enhancing Movie Recommendations through MultiModal Analysis and Contextual Dynamics	Priyansh Jaiswal Kaustubh Nandlal Mowade Dr V Anbarasu	ACM DIGITAL LIBRARY	Scopus	2024

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188	Enhancing Authentication Security: Emoji based Graphical Passwords in Universal Three-Factor Authentication Systems	Kaarthik Sai Charan Ayineni Pasumarthi Madhava Venkata Pranav Dr A Vijay Vasanth	IEEE Xplore	Scopus	2024
189	Multiband Plasmonic MIMO Antenna Array for 6G Communications	Pandiselvi Thiruppathi Dr.B.Lakshmi Dhevi Karthik Govindan Aarthi Alias Ananthakirupa	Optical and Quantum Electronics	Scopus	2024
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192	Satellite Image Segmentation via Image Quality Enhancement and Modified Unet Architecture	Aditya Pathak Mahek Kamani Dr. Priyanka R	2024 2nd International Conference on Advancement in Computation & Computer Technologies (ICACCT)	Scopus	2024
193	Noninvasive Blood Glucose Level Monitoring for Predicting Insulin Infusion Rate Using Multivariate Data	Geetha G J. Godwin Ponsam K. Nimala	Computer Assisted Methods in Engineering and Science	Scopus	2024
194	Racist and Abusive Memes Classification Using Deep Learning Techniques	K. Deepa Thilak Dr .Kalaiselvi k. K. Lalitha Devi	Lecture Notes in Networks and Systems	Scopus	2024

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196	Enhancing Low-Light Surveillance Images with MirNet: A Keras-Based Approach/Springer	Dr.Vaishnavi Moorthy T. B. Srinivas	Smart Trends in Computing and Communications	Scopus	2024
197	Advancements in Horticulture Development Using Machine Learning Techniques	Atul Kirti Ankita Das R. Priyanka	2024 2nd International Conference on Networking and Communications (ICNWC)	Scopus	2024
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199	Krishi-Konect: Enhancing Agriculture with Crop Care Solutions	Prashant Tarushi Garg Shaji. K.A. Theodore Sivakumar M	IEEE Explore	Scopus	2024
200	An Enhanced Weapon Detection System using Deep Learning	M. Sivakumar Marla Sai Ruthwik GattaVenkata Amruth Kiranmai Bellam	2024 2nd International Conference on Networking and Communications (ICNWC)	Scopus	2024
201	Intense Triad Defender for End-User Security in Cyber Physical System	Sheryl Sharon G; Maranco M; Nidhya R; Sivakumar M	2024 2nd International Conference on Networking and Communications (ICNWC)	Scopus	2024
202	AI Based Gym Management System with Body Performance Index measurement and Tips	Aman Srivastava Diya Ajith K Suresh Annamalai	IEEE Xplore - International Conference on Networking and Communications	Scopus	2024

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204	Contagion Classification using Deep Learning Approach	Sai Prajwal Kacham Angayarkanni S A Rohithshan S Arpan Mishra Vignesh. K	2024 2nd International Conference on Networking and Communications (ICNWC) - IEEE Xplore	Scopus	2024
205	Navigating the Interest Rate Forecasting Landscape: Unveiling ARIMA's Power and Pitfalls in Comparison to Advanced Machine Learning Models	Raunak Ahmed Meenakshi K	2024 2nd International Conference on Networking and Communications (ICNWC) - IEEE Xplore	Scopus	2024
206	Smart Wildlife Security: Fog-Powered Video Compression for Cloud Efficiency	Shayan Hore Silpi Kartheek Achari Chinta Pradeep Deepa Thilak K	2nd IEEE International Conference on Networking and Communications 2024, ICNWC 2024	Scopus	2024
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210	An Efficient Dilated DTCN with Residual LSTM-based Allergenicity Prediction for Chemical Compounds using Optimal Weighted Feature Selection and Improved Optimization Mechanism	T. Padmavathy M. Thenmozhi Thirumurthy Madhavan	IEEE Xplore	Scopus	2024

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212	Optimizing Agricultural Irrigation through Real-Time Data Prediction	Thenmozhi M Priyanga Subbiah Justina Michael J Rango Theobard	Proceedings of the 2nd IEEE International Conference on Networking and Communications 2024, ICNWC	Scopus	2024
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214	Predicting the callback time using Reinforcement Learning model by analyzing the queue status	Dhanalakshmi. P Thenmozhi. M	Proceedings of the 2nd IEEE International Conference on Networking and Communications 2024, ICNWC	Scopus	2024
215	Smart GPS Based Vehicle Speed Limit Controller on zone identification using Geo-Fencing Algorithm	Modem Upendra Varun Reddy Safa.M	IEEE Conference	Scopus	2024
216	Deep Learning Approach to predict Emotional Effect in Conversations	Karthikeyan Jagadeesan Annapurani K Rahul Pant	2nd International Conference on Networking and Communications (ICNWC)	Scopus	2024
217	A new perspective exploration of machine learning algorithms for defending Side-Channel attacks	Vedhavathy Thoguluva Ramakrishnan Murugaanandam Seethapathy Ramesh Sundar Saveetha D Sundarrajan Munusamy Lakshmi Dhevi Balasubrahmaniam	Multimedia Tools and Applications	Scopus	2024
218	Enriched energy optimized LEACH protocol for efficient data transmission in wireless sensor network	V. Rajaram V. Pandimurugan S. Rajasoundaran Paul Rodrigues S. V. N. Santhosh Kumar M. Selvi V. Loganathan	Wireless Networks	Scopus	2024

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220	A ML Approach for Predicting The Winner of IPL-24 Using Novel-Hybrid Classifier	Naga Mallikharjunarao.Billa Praveena Akki S.Kaliappan Dr.Marepalli.Radha G.Gnana Priya Siva Kumar Pathuri	2024 IEEE 9th International Conference for Convergence in Technology, I2CT 2024	Scopus	2024
221	Graph-Based Rumor Detection on Social Media Using Posts and Reactions	R. Nareshkumar K. Nimala R. Sujatha Shakila Banu S P Sasikumar P Balamurugan	International Journal of Computing and Digital Systems	Scopus	2024
222	Block chain-based trusted smart contract for secure mobile user payment gateway in e-health systems	A. Saranya Dr.R.Naresh	Soft Computing - Springer	Scopus	2024
223	Efficient data routing for agricultural landscapes: ensemble fuzzy crossover based golden jackal approach	S. Sivakumar Dr. B YAMINI Subhashini Palaniswamy N. Vadivelan	Signal, Image and Video Processing	Scopus	2024
224	Integrative Breast Cancer Detection: A Deep Learning Approach with Multi-Modal Data Fusion of Mammograms, Prescription, and Blood Reports	M.Mahalakshmi Gangisetty Raj Charan Geetanaj Sharma	IEEE Xplore conference	Scopus	2024
225	Advancing IoT security: a comprehensive AI-based trust framework for intrusion detection	Chandra Prabha Kaliappan Kanmani Palaniappan Devipriya Ananthavadivel Ushasukhanya	Peer-to-Peer Networking and Applications	Scopus	2024

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226	A data-driven approach utilizing a raw material database and machine learning tools to predict the disintegration time of orally fast-disintegrating tablet formulations	Navyaja Kota Raju Kamaraj S. Murugaanandam Mohan Bharathi, T. Sudheer Kumar	Pharmacia 71: 1–12	Scopus	2024

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228	Enhancing Insect Species Identification in Agriculture using Fusion BiLSTM Network and VGG-16 CNN Architecture	Dharani Devi Sterlin Rani Devakadacham; D. Saveetha J Manikandan	IEEE Explore	Scopus	2024
229	Performance analysis of various classification algorithms for providing competency training to workplace risk prevention	Shruti Garg Prabhu Murugan A. Manimaran Dr S Ramesh Prabakar Dakshinamoorthy Gnanajeyaraman Rajaram	Multimedia Tools and Applications	Scopus	2024
230	Decentralizing Voting: Block Chain based E-Voting System Using Ethereum Smart Contracts	M. Mahalakshmi Vedant Bhatnagar Kumar Adarsh Pandita	IEEE Xplore conference International Conference on Intelligent Systems for Cybersecurity, ISCS 2024,	Scopus	2024
231	Cloud-Powered Patient Interaction: Humanoid Robots in Hospital Reception using NLP	N. Naveenkumar S. Priyadarshini R. Swathy Nilamadhab Mishra P. Thirumaraiselvan S. Renukadevi	IEEE Xplore conference 10th International Conference on Communication and Signal Processing (ICCSP)	Scopus	2024
232	Advancement of Artificial Intelligent and Its Impact on Medicinal Treatment and Pharmaceutical Industries	Jenifer. A Syed Imran Ahmed Sangeetha G A. Prabhu Chakkaravarthy Ashok Kumar Ruhi Bakhare	IEEE Xplore conference 2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	Scopus	2024

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234	Neural Network-Based Automated Soil Salinity Mapping and Remediation Using Wireless Sensor and Cloud Computing	B. Shadaksharappa S. Sriram R. Swathy Nilamadhab Mishra R. Meenakshi J Suganya	IEEE Xplore conference	Scopus	2024
235	Data-Driven Recycling Transformation for Enhancing Paper and Cardboard Bin Efficiency through IoT and Random Forest	S. Srinivasan R. Swathy V. Srividhya S. Murugan C. Srinivasan M. Muthulekshmi	IEEE Xplore conference 2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)	Scopus	2024
236	Cardiac Pulse Monitoring Through Multi-Scale Spectrum	P Yadav M Choubisa A Shukla R Radhika	IEEE Xplore conference 2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)	Scopus	2024
237	Federated Learning-Based Energy Forecasting and Trading Platform for Decentralized Renewable Energy Markets	Ramakrishna S S Nuvvula Polamarasetty P Kumar Praveena Akki Syed Riyaz Ahammed Sudheer Reddy	International Conference on Smart Grid, icSmartGrid	Scopus	2024
238	Smart Agriculture: IOT-Based Smart Application for Agriculture	Khushi Bhansali Praveena Akki Atturu Venkat Heeneth Sai Naga Deepak Bodepudi Arthi Krishnan	Proceedings of the 2nd IEEE International Conference on Networking and Communications 2024, ICNWC 2024	Scopus	2024

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240	Autonomous System and AI/IGI Global	Dr.T.Preethiya Priyanga Subbiah T. Pandiarajan Karthikeyan Subramanian Prince Chelladurai C. Selvalakshmi	Modeling, Simulation, and Control of AI Robotics and Autonomous System	Scopus	2024
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247	Deep Learning ResNet-50 Framework for Automatic Early Breast Cancer Diagnosis	Ashwini A M Angel Merlin Suji Dr Banu Priya P D Ferlin Deva Shahila Jency Rubia J Narla Vinod Kumar	IEEE Xplore	Scopus	2024
248	Design and Development of IoT enabled Canny Cart	D Ferlin Deva Shahila Valantina Stephen Dr Banu Priya P Ashwini A Ezhil E. Nithila D. Vedheep	IEEE Xplore	Scopus	2024
249	Design of Multi-Band Hybrid Fractal Antenna For Wireless Application	Dr.M. Jenath Dr.R.Prasanna Dr Banu Priya P Mr.S.Hariganesan	IEEE Xplore	Scopus	2024
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259	Triangular Region Cut-Mix Augmentation Algorithm-Based Speech Emotion Recognition System With Transfer Learning Approach	Mrs. Preethi V V. Elizabeth Jesi	IEEE Access	Scopus	2024
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327	THE IOT SENSOR HANDBOOK: FROM FUNDAMENTALS TO DATA ANALYTICS	Dr. N. PRASATH Dr. S. MAHABOOB BASHA Dr. ARUN. A Mrs. V. BHUVANESWARI	Alpha International Publication	Scopus	2024
328	Data Analytics and Visualization in Smart Manufacturing Using AI-Based Digital Twins	M. Sivakumar M. Maranco N. Krishnaraj U. Srinivasulu Reddy	Artificial Intelligence-Enabled Digital Twin for Smart Manufacturing	Scopus	2024
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