Publications in SCOPUS Indexed Journals
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SDG-3 Good Health and Well-Being

1.	Syed S.A.; Gowthami S.; Shanmukhi M.; Mohammad G.B.; Potluri S.; Chandragandhi S.; Srihari K.	Registration based fully optimized melanoma detection using deep forest technique	2024	Biomedical Signal Processing and Control	93		10.1016/j.bspc.2024.106116	https://www.scopus.com/pages/publications/85186372579?origin=resultslist
2.	Rao K.S.; Terlapu P.V.; Jayaram D.; Raju K.K.; Kiran Kumar G.; Pemula R.; Venu Gopalachari M.; Rakesh S.	Intelligent Ultrasound Imaging for Enhanced Breast Cancer Diagnosis: Ensemble Transfer Learning Strategies	2024	IEEE Access	12		10.1109/ACCESS.2024.3358448	https://www.scopus.com/pages/publications/85183954033?origin=resultslist
3.	Kumar A.A.; Suryadevara R.; Sowmyya T.; Chanal G.B.	Exploring the Intersection of AI, Healthcare, and Environmental Sustainability: Future Trends and Challenges	2024	Approaches to Global Sustainability, Markets, and Governance	Part F4088		10.1007/978-981-97-9555-0_2	https://www.scopus.com/pages/publications/85218741533?origin=resultslist
4.	Majji S.; Panigrahy A.K.; Rani D.S.; Bhukya M.N.; Dash C.S.	Design and Performance Analysis of ISFET Using Various Oxide Materials for Biosensing Applications	2024	IEEE Open Journal of Nanotechnology	5		10.1109/OJNANO.2024.3408845	https://www.scopus.com/pages/publications/85195384587?origin=resultslist
5.	Saravanan D.; Subramanian V.; Babu D.R.; Sundararajan R.; Kirubhashankar C.K.; Krishnan V.K.	Mathematical modelling in the analysis of viral diseases and communicable diseases	2024	Revolutionizing the Healthcare Sector with AI			10.4018/979-8-3693-3731-8.ch014	https://www.scopus.com/pages/publications/85202780231?origin=resultslist
6.	Memdani L.; Memdani A.; Memdani A.	Farmers' Suicides in India: A Qualitative Study of Andhra Pradesh (AP) and Telangana States of India	2024	Indian Journal of Community Medicine	49	4	10.4103/ijcm.ijcm_206_22	https://www.scopus.com/pages/publications/85198358068?origin=resultslist
7.	Dutta S.	Identifying The Determinants Of	2024	Applied Econometrics and International Development	24	2		https://www.scopus.com/pages/publications/85206826477?origin=resultslist

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		Indebtedness In Rural Telangana: A Quantile Regression Approach						
8.	Ghosh H.; Pavan Kumar P.; Rahat I.S.; Nipu M.D.M.H.; Krishna G.R.; Ravindra J.V.R.	From Pixels to Pathology: The Power of CNNs in Detecting Tuberculosis	2024	EAI Endorsed Transactions on Pervasive Health and Technology	10		10.4108/eetpht.10.5543	https://www.scopus.com/pages/publications/85191747164?origin=resultslist
9.	Kaliappan S.; Maranan R.; Malladi A.; Yamsani N.	Optimizing Resource Allocation in Healthcare Systems for Efficient Pandemic Management using Machine Learning and Artificial Neural Networks	2024	Proceedings of 2nd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2024			10.1109/ASSIC60049.2024.10507961	https://www.scopus.com/pages/publications/85192978733?origin=resultslist
10.	Sethi B.K.; Singh D.; Rout S.K.; Panda S.K.	Long Short-Term Memory-Deep Belief Network-Based Gene Expression Data Analysis for Prostate Cancer Detection and Classification	2024	IEEE Access	12		10.1109/ACCESS.2023.3346925	https://www.scopus.com/pages/publications/85181555526?origin=resultslist
11.	Budati T.S.B.; Saheb S.H.; Khang A.	Detection of drowsiness in drivers using TensorFlow framework	2024	Medical Robotics and AI-Assisted Diagnostics for a High-Tech Healthcare Industry			10.4018/979-8-3693-2105-8.ch009	https://www.scopus.com/pages/publications/85189580911?origin=resultslist
12.	Raghavendra S.; Subramani A.K.; Jan N.A.; Chenji K.	Uncovering the keys to well-being: calling, mindfulness, and compassion among healthcare professionals in India amidst the post-COVID crisis	2024	International Journal of Work Innovation	5	4	10.1504/IJWI.2024.142027	https://www.scopus.com/pages/publications/85206557654?origin=resultslist
13.	Kongara S.R.; Prakasha S.; Brindha A.; Pathak S.K.; Miya J.; Taqui S.N.; Almoallim H.S.; Alharbi S.A.; Raghavan S.S.	Performance evaluation of optimized convolutional neural network mechanism in the detection and	2024	Multimedia Tools and Applications	83	28	10.1007/s11042-024-18115-0	https://www.scopus.com/pages/publications/85184190311?origin=resultslist

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		classification of ovarian cancer						
14.	Kumar P.J.; Mamatha P.; Kumari P.M.; Sriya G.S.	Performance Investigation of Principal Component Analysis for Diabetic Detection Using SVM with Kernel Functions	2024	Lecture Notes in Networks and Systems	1010 LNNS		10.1007/978-981-97-5412-0_28	https://www.scopus.com/pages/publications/85205355320?origin=resultslist
15.	Police K.; Gautam V.; Chandakavate S.; Dwesar R.	Modeling determinants of farmers' purchase behavior: A case of chemical pesticides	2024	Environment, Development and Sustainability	26	4	10.1007/s10668-023-03090-7	https://www.scopus.com/pages/publications/85150192380?origin=resultslist
16.	Fuloria S.; Srivastava A.; Anand U.	A bibliometric analysis of knowledge management research during COVID-19	2024	International Journal of Knowledge and Learning	17	2	10.1504/IJKL.2024.137137	https://www.scopus.com/pages/publications/85187178551?origin=resultslist
17.	Vinu W.; Vyas S.; Chandrashekhar A.; Anil Kumar T.C.; Raghu T.; Tiwari M.	Developing Robot-Based Neurorehabilitation Exercises Using a Teaching–Training Process	2024	Human Cancer Diagnosis and Detection Using Exascale Computing				https://www.scopus.com/pages/publications/85196459852?origin=resultslist
18.	Satpathy S.; Mohanty S.N.; Potluri S.	Reconnoitering the landscape of edge intelligence in healthcare	2024	Reconnoitering the Landscape of Edge Intelligence in Healthcare				https://www.scopus.com/pages/publications/85185106875?origin=resultslist
19.	Muralidhara G.V.; Dhanwantri H.; Rao R.	Use of AI in Point-of-care Devices in Healthcare: Identifying the Critical Factors for Successful Applications	2024	PICMET 2024 - 2024 Portland International Conference on Management of Engineering and Technology: Technology Management in the Artificial Intelligence Era, Proceedings			10.23919/PICMET64035.2024.10653172	https://www.scopus.com/pages/publications/85204357701?origin=resultslist
20.	Sekaran K.; Priyadharshini M.; Sahay R.	AirTFT: A Novel Transformer-Based	2024	International Symposium on Advanced Networks and			10.1109/ANTS63515.2024.10898497	https://www.scopus.com/pages/publications/105000226508?origin=resultslist

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		Approach for Air Quality Prediction		Telecommunication Systems, ANTS				
21.	Tiwari A.K.; Adewuyi A.O.; Effiong E.L.; Shylajan C.S.	Infant Mortality, Education and Financial Development: Evidence from World Level Data Using Heterogeneous Panel Granger Causality Analysis	2024	Indian Economic Journal			10.1177/0019466224126555 4	https://www.scopus.com/pages/publications/1 05003852213?origin=resultslist
22.	Potluri S.; Sahoo B.C.; Satapathy S.K.; Mishra S.; Ramesh J.V.N.; Mohanty S.N.	A Deep Learning Framework for Prediction of Cardiopulmonary Arrest	2024	EAI Endorsed Transactions on Pervasive Health and Technology	10		10.4108/eetpht.10.5420	https://www.scopus.com/pages/publications/8 5187807186?origin=resultslist
23.	Krishna Madhuri D.; Vasavi G.; Ravali P.; Anupama V.	Novel Internet of Things Based Disease Diagnosis Framework for Smart Healthcare Schemes using Combined Optimized Artificial Intelligence Approach	2024	International Journal of Intelligent Systems and Applications in Engineering	12	1s		https://www.scopus.com/pages/publications/8 5173772669?origin=resultslist
24.	Chand P.; Tarei P.K.; Gangadhari R.K.; Mikalef P.	IoT Capabilities in Regaining Travelers' Confidence Through Touchless Travel: An Empirical Study for the Revival of the Airline Sector	2024	IEEE Transactions on Engineering Management	71		10.1109/TEM.2023.3276779	https://www.scopus.com/pages/publications/8 5161481774?origin=resultslist
25.	Halgatti A.; Chethana G.; Shivaprasad G.; Gayathri R.; Babu S.R.; Girish G.P.	Recent Advances in Pedestrian Identification Using LiDAR and Deep Learning Methods in Autonomous Vehicles	2024	Lecture Notes in Networks and Systems	1168 LNNS		10.1007/978-3-031-73321-5_20	https://www.scopus.com/pages/publications/8 5213328499?origin=resultslist
26.	Chauhan V.; Yadav J.	Bibliometric review of telematics-based automobile insurance: Mapping the landscape	2024	Accident Analysis and Prevention	196		10.1016/j.aap.2023.107428	https://www.scopus.com/pages/publications/8 5181039181?origin=resultslist

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		of research and knowledge						
27.	Panda S.K.; Naga Ramesh J.V.; Ghosh H.; Rahat I.S.; Sobur A.; Bijoy M.H.; Yesubabu M.	Deep Learning in Medical Imaging: A Case Study on Lung Tissue Classification	2024	EAI Endorsed Transactions on Pervasive Health and Technology	10		10.4108/eetpht.10.5549	https://www.scopus.com/pages/publications/85191657610?origin=resultslist
28.	Priyadharshini M.; Murugesh V.; Samkumar G.V.; Chowdhury S.; Panigrahi A.; Pati A.; Sahu B.	A population based optimization of convolutional neural networks for chronic kidney disease prediction	2025	Scientific Reports	15	1	10.1038/s41598-025-99270-8	https://www.scopus.com/pages/publications/105003664570?origin=resultslist
29.	Anitha V.; Santhoshkumar S.P.; Kanagalakshmi C.; DhanaLaxmi P.; Karthika R.; Gajalakshmi S.	Deep Learning-Driven Predictive Modeling for Melanoma Detection Incorporating Dermoscopic and Clinical Imaging Data	2025	2nd Asian Conference on Intelligent Technologies, ACOIT 2025			10.1109/ACOIT66109.2025.11437361	https://www.scopus.com/pages/publications/105035990310?origin=resultslist
30.	Srinivasulu B.; Dhanikonda S.R.; Ravi Kumar D.V.; Gandhi R.V.; Yadav B.P.	Federated learning-enabled CNN for predicting and detecting brain tumors in healthcare 6.0	2025	Federated Learning for Neural Disorders in Healthcare 6.0			10.1201/9781003591085-14	https://www.scopus.com/pages/publications/105002975336?origin=resultslist
31.	Priyadharshini M.; Murugesh V.; Mahesh T.R.; Albalawi E.; Saidani O.; Algarni A.	QBrainNet: harnessing enhanced quantum intelligence for advanced brain stroke prediction from medical imaging	2025	Frontiers in Medicine	12		10.3389/fmed.2025.1677234	https://www.scopus.com/pages/publications/105021053735?origin=resultslist
32.	Jyothsna K.; Boggarapu S.; Namilakonda S.; Potukanuma A.K.; Prasad K.S.; Dhanikonda S.R.	Acceleration of the process of recognition and health management for Covid-19 detection by AI based platforms	2025	AIP Conference Proceedings	3342	1	10.1063/5.0296700	https://www.scopus.com/pages/publications/105020068605?origin=resultslist
33.	Lateef S.R.; Saleh S.A.; Vikas B.; Bolla V.R.; Potluri S.; Subbarayudu	Utilizing Transfer Learning Approach for Epidemiological Study of	2025	Journal of Visualized Experiments	2025-September	223	10.3791/68805	https://www.scopus.com/pages/publications/105018312832?origin=resultslist

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	Y.; Kumar P.P.; Sucharitha G.	Region-Specific Post-Acute Sequelae of SARS-COV-2						
34.	Kolandaisamy R.; Thirupathaiah M.; Dixit R.S.; Choudhary S.L.; Sreeram A.; Raj N.; Neelamegam D.	Smart Environmental Engineering for Sustainable Aquatic Resource Management Using IoT Sensors, Satellite Data Fusion, and Machine Learning Analytics	2025	Natural and Engineering Sciences	10	3	10.28978/nesciences.1811172	https://www.scopus.com/pages/publications/105029857675?origin=resultslist
35.	Guru S.; Shah B.; Agrawal N.; Shah M.	Enhancing food quality, organizational sustainability, and societal welfare by analyzing barriers to online pharmacy services	2025	TQM Journal			10.1108/TQM-01-2025-0007	https://www.scopus.com/pages/publications/105023171464?origin=resultslist
36.	Chandrasekhar A.; Dodhiawala Z.; Panda S.K.	An Investigation into Chronic Kidney Disease Based-on Classification Model	2025	Lecture Notes in Electrical Engineering	1281 LNEE		10.1007/978-981-97-8422-6_19	https://www.scopus.com/pages/publications/85213387081?origin=resultslist
37.	Maturi S.M.; Dhanikonda S.R.; Bharathi K.; Srikanth R.; Srinivasulu B.; Joshna K.	An efficient classification model to predict cardiovascular disease using ECG images with machine and deep learning techniques	2025	AIP Conference Proceedings	3342	1	10.1063/5.0296139	https://www.scopus.com/pages/publications/105020092020?origin=resultslist
38.	Shiva Kumar K.V.S.K.R.; Rasheed S.M.; Manikanta S.; Rao N.M.; Prasad Goura V.M.K.	Enhanced feature selection using quantum-inspired cuckoo search and machine learning for heart disease prediction	2025	Synergizing Data Envelopment Analysis and Machine Learning for Performance Optimization in Healthcare			10.4018/979-8-3373-0081-8.ch014	https://www.scopus.com/pages/publications/105010466275?origin=resultslist
39.	Taranum F.; Sayeedunnisa S.F.; Patil	Deep Learning Framework With Optimizations For	2025	Journal of Theoretical and Applied Information Technology	103	7		https://www.scopus.com/pages/publications/105002773841?origin=resultslist

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	G.R.; Hijab M.; Sridevi K.; Ahmad S.S.	Automatic Detection Of Arrhythmia From Ecg Data						
40.	Narayana M.V.; Parthasaradhy P.; Kumar P.J.; Chebrolu S.K.; Shrivastava S.; Babu S.D.; Dey N.S.	A Novel Integrated Framework For Secure Iot-Based Smart Vehicle Management Using Machine Learning And Blockchain For Path Planning And Collision Avoidance	2025	Journal of Theoretical and Applied Information Technology	103	21		https://www.scopus.com/pages/publications/105024842057?origin=resultslist
41.	Behera D.K.; Jena A.K.; Swetanisha S.; Panda S.K.; Sahoo S.K.	Enhancing Malaria Diagnosis Using CNN-Based Feature Extraction and XGBoost Classification	2025	Lecture Notes in Networks and Systems	1537 LNNS		10.1007/978-981-96-9242-2_42	https://www.scopus.com/pages/publications/105023303491?origin=resultslist
42.	Sakhamuri C.S.; Sathya A.R.	Breast Cancer Prediction: A Focus on Convolutional Neural Networks	2025	Lecture Notes in Networks and Systems	1262		10.1007/978-981-96-1981-8_32	https://www.scopus.com/pages/publications/105005257030?origin=resultslist
43.	Anumalla K.; Sunil Kumar G.; Sree Vani M.; Rao K.S.	BCDNN: Enhancing CNN Model for Automatic Detection of Breast Cancer Using Histopathology Images	2025	Indonesian Journal of Electrical Engineering and Informatics	13	2	10.52549/ijeei.v13i2.5854	https://www.scopus.com/pages/publications/105010593385?origin=resultslist
44.	Pinapatruni R.; Bhuvaneshwari T.	Deep Learning Innovations for Predictive Healthcare Systems	2025	Lecture Notes in Networks and Systems	1241		10.1007/978-981-96-1267-3_18	https://www.scopus.com/pages/publications/105002367005?origin=resultslist
45.	Dehury R.K.; Panda P.K.; Ahmad I.; Dehury P.; Behera M.R.; Samal J.; Sripathi N.; Dondapati A.	The Influence Of Social And Behavioral Determinants For Promoting Health In Odisha, India	2025	Asia Pacific Journal of Health Management	20	3	10.24083/apjhm.v20i3.5349	https://www.scopus.com/pages/publications/105026678563?origin=resultslist
46.	Majji S.; Dash C.S.; Panigrahy A.K.	Design and Comparative Analysis of Biosensing Devices with Different	2025	SSRG International Journal of Electronics and	12	5	10.14445/23488549/IJECE-V12I5P120	https://www.scopus.com/pages/publications/105007459955?origin=resultslist

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		Dielectric Materials for Blood Cancer Detection		Communication Engineering				
47.	Prasanthi L.; Prakash M.D.; Tammireddy S.S.P.; Satyanarayana V.; Panigrahy A.K.; Patta S.; Dwivedi A.K.	Advanced hybrid dielectric OTFT biosensor for early breast cancer diagnosis with enhanced sensitivity	2025	Results in Engineering	27		10.1016/j.rineng.2025.107037	https://www.scopus.com/pages/publications/105014913237?origin=resultslist
48.	Sreejith S.; Panigrahy A.K.; Ajayan J.; Radhika J.M.; Reddy N.V.R.; Reddy N.V.U.; Umamaheswaran S.	IoT sensor-based systems in real-time monitoring of health and environment: a review	2025	Journal of the Korean Physical Society	87	1	10.1007/s40042-025-01378-7	https://www.scopus.com/pages/publications/105005789012?origin=resultslist
49.	Tejaswini N.K.; Kulkarni R.; Rao R.	Impact Of Eating Habits On Adolescent Obesity-A Case Control Study	2025	Journal of Ayurveda and Holistic Medicine	13	5	10.70066/jahm.v13i5.1971	https://www.scopus.com/pages/publications/105009067330?origin=resultslist
50.	Raju A.; Sur A.; Kumar N.N.; Shekar P.R.; Ramesh K.; Basha H.	Dynamic magneto-thermo transport features of blood based couple stress nanofluid flow over a sensor surface	2025	Multiscale and Multidisciplinary Modeling, Experiments and Design	8	5	10.1007/s41939-025-00827-x	https://www.scopus.com/pages/publications/105001645589?origin=resultslist
51.	Thavasimuthu R.; Hanumanthakari S.; Sekar S.; Kirubakaran S.	Enhancing multi-class lung disease classification in chest x-ray images: A hybrid manta-ray foraging volcano eruption algorithm boosted multilayer perceptron neural network approach	2025	Network: Computation in Neural Systems	36	3	10.1080/0954898X.2024.2350579	https://www.scopus.com/pages/publications/85193350510?origin=resultslist