Blockchain vehicles for efficient Medical Record manag

Citation Report

#	Article	IF	Citations
1	A blockchain-based scheme for privacy-preserving and secure sharing of medical data. Computers and Security, 2020, 99, 102010.	6.0	87
2	Position paper on COVID-19 imaging and AI: From the clinical needs and technological challenges to initial AI solutions at the lab and national level towards a new era for AI in healthcare. Medical Image Analysis, 2020, 66, 101800.	11.6	44
3	<scp>Data‑driven</scp> discovery of probable Alzheimer's disease and related dementia subphenotypes using electronic health records. Learning Health Systems, 2020, 4, e10246.	2.0	12
4	Future of blockchain in healthcare: potential to improve the accessibility, security and interoperability of electronic health records. BMJ Health and Care Informatics, 2020, 27, e100217.	3.0	15
5	The Digital Health Landscape in Addiction and Substance Use Research: Will Digital Health Exacerbate or Mitigate Health Inequities in Vulnerable Populations?. Current Addiction Reports, 2020, 7, 317-332.	3.4	12
6	Identifying key quality features for wearable technology embedded products using the Kano model. International Journal of Clothing Science and Technology, 2020, 33, 93-105.	1.1	8
7	Characteristics and challenges of the clinical pipeline of digital therapeutics. Npj Digital Medicine, 2020, 3, 159.	10.9	81
8	E-Health in Hypertension Management: an Insight into the Current and Future Role of Blood Pressure Telemonitoring. Current Hypertension Reports, 2020, 22, 42.	3.5	39
9	Vital Block and Vital Sign Server for ECG and Vital Sign Monitoring in a Portable u-Vital System. Sensors, 2020, 20, 1089.	3.8	9
10	Computational Social Science and the Study of Political Communication. Political Communication, 2021, 38, 1-22.	3.9	28
11	Changes to the Psychiatric Chatbot Landscape: A Systematic Review of Conversational Agents in Serious Mental Illness: Changements du paysage psychiatrique des chatbots: une revue systématique des agents conversationnels dans la maladie mentale sérieuse. Canadian Journal of Psychiatry, 2021, 66, 339-348.	1.9	29
12	A Brain Capital Grand Strategy: toward economic reimagination. Molecular Psychiatry, 2021, 26, 3-22.	7.9	41
13	The digital biomarker discovery pipeline: An open-source software platform for the development of digital biomarkers using mHealth and wearables data. Journal of Clinical and Translational Science, 2021, 5, e19.	0.6	44
14	Virtual primary care in high-income countries during the COVID-19 pandemic: Policy responses and lessons for the future. European Journal of General Practice, 2021, 27, 241-247.	2.0	28
15	Deep Learning Models for Gastric Signet Ring Cell Carcinoma Classification in Whole Slide Images. Technology in Cancer Research and Treatment, 2021, 20, 153303382110279.	1.9	25
16	Data Vaults for Blockchain-Empowered Accounting Information Systems. IEEE Access, 2021, 9, 117306-117324.	4.2	22
17	High-resolution bone microstructure imaging based on ultrasonic frequency-domain full-waveform inversion*. Chinese Physics B, 2021, 30, 014302.	1.4	13
19	Effect of physician prescribed information on hospital readmission and death after discharge among patients with health failure: A randomized controlled trial. Health Informatics Journal, 2021, 27, 146045822219640.	2.1	4

#	Article	IF	Citations
20	Recruiting patients to a digital self-management study whilst in hospital for a chronic obstructive pulmonary disease exacerbation: A feasibility analysis. Digital Health, 2021, 7, 205520762110208.	1.8	1
22	Blockchain for Healthcare and Medical Systems. Advances in Information Security, Privacy, and Ethics Book Series, 2021, , 249-270.	0.5	3
23	COVID-19 Risk Assessment Using the C4.5 Algorithm. EAI/Springer Innovations in Communication and Computing, 2021, , 61-74.	1.1	1
25	Translational safety medicine. , 2021, , 281-303.		0
26	Clinical Decision Support for Primary Health Centers to Combat COVID-19 Pandemic. Algorithms for Intelligent Systems, 2021, , 481-490.	0.6	0
27	Simulating Cataracts in Virtual Reality. Human-computer Interaction Series, 2021, , 257-283.	0.6	0
28	Internet of Things (IoT) Enable Designs for Identify and Control the COVID-19 Pandemic. Studies in Systems, Decision and Control, 2021, , 423-436.	1.0	7
29	Investigating Protected Health Information Leakage from Android Medical Applications. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 311-322.	0.3	3
30	Blockchanging Politics. Advances in Data Mining and Database Management Book Series, 2021, , 118-159.	0.5	0
31	GKD: Semi-supervised Graph Knowledge Distillation for Graph-Independent Inference. Lecture Notes in Computer Science, 2021, , 709-718.	1.3	4
33	A Predictive Model on the Intention to Accept Taekwondo Electronic Protection Devices. Applied Sciences (Switzerland), 2021, 11, 1845.	2.5	4
34	Coronavirus Disease Diagnosis, Care and Prevention (COVID-19) Based on Decision Support System. Baghdad Science Journal, 2021, 18, 0593.	0.6	3
36	Population subgroup differences in the use of a COVID-19 chatbot. Npj Digital Medicine, 2021, 4, 30.	10.9	8
37	Daily, weekly, seasonal and menstrual cycles in women's mood, behaviour and vital signs. Nature Human Behaviour, 2021, 5, 716-725.	12.0	21
41	Evaluation, Acceptance, and Qualification of Digital Measures: From Proof of Concept to Endpoint. Digital Biomarkers, 2021, 5, 53-64.	4.4	33
44	App-based symptom tracking to optimize SARS-CoV-2 testing strategy using machine learning. PLoS ONE, 2021, 16, e0248920.	2.5	15
45	Clinical translation of computational brain models: understanding the salience of trust in clinician–researcher relationships. Interdisciplinary Science Reviews, 2021, 46, 138-157.	1.4	9
47	A predictive internet-based model for COVID-19 hospitalization census. Scientific Reports, 2021, 11, 5106.	3.3	14

#	Article	IF	Citations
48	Building Resilient Health Systems: Patient Safety during COVID-19 and Lessons for the Future. Journal of Health Management, 2021, 23, 166-181.	1.1	10
49	Addressing Fairness, Bias, and Appropriate Use of Artificial Intelligence and Machine Learning in Global Health. Frontiers in Artificial Intelligence, 2020, 3, 561802.	3.4	70
50	Studies of Depression and Anxiety Using Reddit as a Data Source: Scoping Review. JMIR Mental Health, 2021, 8, e29487.	3.3	16
51	Use of Patient-Reported Outcome Measures and Patient-Reported Experience Measures Within Evaluation Studies of Telemedicine Applications: Systematic Review. Journal of Medical Internet Research, 2021, 23, e30042.	4.3	27
52	A calibrated deep learning ensemble for abnormality detection in musculoskeletal radiographs. Scientific Reports, 2021, 11, 9097.	3.3	10
53	Psychometric assessment of EQ-5D-5L and ReQoL measures in patients with anxiety and depression: construct validity and responsiveness. Quality of Life Research, 2021, 30, 2633-2647.	3.1	20
54	Test, Trace, and Put on the Blockchain?: A Viewpoint Evaluating the Use of Decentralized Systems for Algorithmic Contact Tracing to Combat a Global Pandemic. JMIR Public Health and Surveillance, 2021, 7, e26460.	2.6	10
55	Quantity and type of peer-reviewed evidence for popular free medical apps: Cross-sectional review. International Journal of Medical Informatics, 2021, 148, 104416.	3.3	4
56	A new approach to predict ulcerative colitis activity through standard clinical–biological parameters using a robust neural network model. Neural Computing and Applications, 2021, 33, 14133-14146.	5.6	3
57	Characterization of time-variant and time-invariant assessment of suicidality on Reddit using C-SSRS. PLoS ONE, 2021, 16, e0250448.	2.5	12
60	Blockchain-assisted secured data management framework for health information analysis based on Internet of Medical Things. Personal and Ubiquitous Computing, 2024, 28, 59-72.	2.8	36
62	Digital Technologies for Emotion-Regulation Assessment and Intervention: A Conceptual Review. Clinical Psychological Science, 2022, 10, 3-26.	4.0	28
63	Patient-specific COVID-19 resource utilization prediction using fusion AI model. Npj Digital Medicine, 2021, 4, 94.	10.9	19
64	Blockchain Implementation for Privacy preserving and securing the Healthcare data. , 2021, , .		19
65	Privacy concerns can explain unwillingness to download and use contact tracing apps when COVID-19 concerns are high. Computers in Human Behavior, 2021, 119, 106718.	8.5	121
66	Realizing privacy aspects in blockchain networks. Annales Des Telecommunications/Annals of Telecommunications, 2022, 77, 3-12.	2.5	3
67	The Age of Artificial Intelligence: Use of Digital Technology in Clinical Nutrition. Current Surgery Reports, 2021, 9, 20.	0.9	35
68	Dementia risks identified by vocal features via telephone conversations: A novel machine learning prediction model. PLoS ONE, 2021, 16, e0253988.	2.5	24

#	Article	IF	Citations
69	Fusion of AI techniques to tackle COVID-19 pandemic: models, incidence rates, and future trends. Multimedia Systems, 2022, 28, 1189-1222.	4.7	10
72	A data-driven performance dashboard for surgical dissection. Scientific Reports, 2021, 11, 15013.	3.3	12
73	Efficient Maintenance of Hospital Records by Entrusted Proof of Venture Algorithm In Block Chain Technology. , 2021, , .		0
74	Automated tumor proportion score analysis for PD-L1 (22C3) expression in lung squamous cell carcinoma. Scientific Reports, 2021, 11, 15907.	3.3	14
75	Blockchain Technology in Healthcare Big Data Management: Benefits, Applications and Challenges. , 2021, , .		13
76	The social licence for data-intensive health research: towards co-creation, public value and trust. BMC Medical Ethics, 2021, 22, 110.	2.4	27
78	Fossil Energy in the Framework of Sustainable Development: Analysis of Prospects and Development of Forecast Scenarios. Energies, 2021, 14, 5268.	3.1	52
79	AI musculoskeletal clinical applications: how can AI increase my day-to-day efficiency?. Skeletal Radiology, 2022, 51, 293-304.	2.0	19
80	Automated evaluation of psychotherapy skills using speech and language technologies. Behavior Research Methods, 2022, 54, 690-711.	4.0	28
81	Imaging and artificial intelligence for progression of age-related macular degeneration. Experimental Biology and Medicine, 2021, 246, 2159-2169.	2.4	20
82	Augmented reality visualization tool for the future of tactical combat casualty care. Journal of Trauma and Acute Care Surgery, 2021, 91, S40-S45.	2.1	10
83	Blockchain for record-keeping and data verifying: proof of concept. Multimedia Tools and Applications, 0, , 1.	3.9	6
84	Smartphone-based DNA diagnostics for malaria detection using deep learning for local decision support and blockchain technology for security. Nature Electronics, 2021, 4, 615-624.	26.0	50
86	Automation in nursing decision support systems: A systematic review of effects on decision making, care delivery, and patient outcomes. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 2502-2513.	4.4	14
87	Non-invasive diagnosis of deep vein thrombosis from ultrasound imaging with machine learning. Npj Digital Medicine, 2021, 4, 137.	10.9	32
88	Lung Opacity Pneumonia Detection with Improved Residual Networks. Journal of Medical and Biological Engineering, 2021, 41, 581.	1.8	8
89	The potential and challenges of Health 4.0 to face COVID-19 pandemic: a rapid review. Health and Technology, 2021, 11, 1321-1330.	3.6	11
91	Blockchain and artificial intelligence enabled privacyâ€preserving medical data transmission in Internet of Things. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4360.	3.9	35

#	Article	IF	Citations
92	Non-small-cell lung cancer classification via RNA-Seq and histology imaging probability fusion. BMC Bioinformatics, 2021, 22, 454.	2.6	13
93	Benchmarking blockchain-based gene-drug interaction data sharing methods: A case study from the iDASH 2019 secure genome analysis competition blockchain track. International Journal of Medical Informatics, 2021, 154, 104559.	3.3	19
94	Pareto optimization of deep networks for COVID-19 diagnosis from chest X-rays. Pattern Recognition, 2022, 121, 108242.	8.1	14
95	Digital opportunities in the healthcare enterprises during COVID-19: An empirical analysis of the developing country. Corporate Governance and Organizational Behavior Review, 2021, 5, 44-55.	1.2	4
96	Multi-frame Attention Network for Left Ventricle Segmentation in 3D Echocardiography. Lecture Notes in Computer Science, 2021, 12901, 348-357.	1.3	7
97	Information and Communication Technology Application in Healthcare with Computer-Aided Design of Immediate Partial Dentures. Lecture Notes in Networks and Systems, 2021, , 203-210.	0.7	2
98	Attention Based CNN-LSTM Network for Pulmonary Embolism Prediction on Chest Computed Tomography Pulmonary Angiograms. Lecture Notes in Computer Science, 2021, , 356-366.	1.3	6
99	Advances in point-of-care testing for cardiovascular diseases. Advances in Clinical Chemistry, 2021, 104, 1-70.	3.7	2
100	Pedagogy and innovative care tenets in COVID-19 pandemic: An enhancive way through Dentistry 4.0. Sensors International, 2021, 2, 100118.	8.4	3
101	Blockchain for healthcare data management: opportunities, challenges, and future recommendations. Neural Computing and Applications, 2022, 34, 11475-11490.	5.6	165
102	Multimodal fusion with deep neural networks for leveraging CT imaging and electronic health record: a case-study in pulmonary embolism detection. Scientific Reports, 2020, 10, 22147.	3.3	83
108	Precompetitive Consensus Building to Facilitate the Use of Digital Health Technologies to Support Parkinson Disease Drug Development through Regulatory Science. Digital Biomarkers, 2021, 4, 28-49.	4.4	43
109	Digital health developments and drawbacks: a review and analysis of top-returned apps for bipolar disorder. International Journal of Bipolar Disorders, 2020, 8, 39.	2.2	36
110	Developing a Blockchain-Based Supply Chain System for Advanced Therapies: Protocol for a Feasibility Study. JMIR Research Protocols, 2020, 9, e17005.	1.0	3
111	Data Validation and Verification Using Blockchain in a Clinical Trial for Breast Cancer: Regulatory Sandbox. Journal of Medical Internet Research, 2020, 22, e18938.	4.3	28
112	Comparison of Fusion Methodologies Using CNV and RNA-Seq for Cancer Classification: A Case Study on Non-Small-Cell Lung Cancer. Lecture Notes in Computer Science, 2021, , 339-349.	1.3	1
113	Walking on common ground: a cross-disciplinary scoping review on the clinical utility of digital mobility outcomes. Npj Digital Medicine, 2021, 4, 149.	10.9	54
114	The Lancet Commission on diagnostics: transforming access to diagnostics. Lancet, The, 2021, 398, 1997-2050.	13.7	149

#	ARTICLE	IF	CITATIONS
115	Prediction of Heart Conditions by Consensus K-nearest neighbor algorithm and Convolution Neural Network. International Journal of Modeling, Simulation, and Scientific Computing, 0, , .	1.4	1
116	Feasibility of a continuous, multi-sensor remote health monitoring approach in persons living with neurodegenerative disease. Journal of Neurology, 2022, 269, 2673-2686.	3.6	17
117	Efficacy of COVID-19 screening system and customer satisfaction in banks: moderating role of the perceived threat and health risk. Journal of Financial Services Marketing, 2021, 26, 295.	3.4	3
119	Challenges of evaluating and modelling vaccination in emerging infectious diseases. Epidemics, 2021, 37, 100506.	3.0	14
125	Secure and Decentralized Management of Health Records. Studies in Big Data, 2021, , 115-139.	1.1	3
126	Index Design of Electronic Medical Record Database Using Blockchain. , 2020, , .		2
127	Smart Decentralization of Personal Health Records with Physician Apps and Helper Agents on Blockchain: Platform Design and Implementation Study. JMIR Medical Informatics, 2021, 9, e26230.	2.6	6
130	Rewards in Mental Health Applications for Aiding with Depression: A Meta-analysis. Communications in Computer and Information Science, 2021, , 197-206.	0.5	0
131	Differentially Private Medical Texts Generation Using Generative Neural Networks. ACM Transactions on Computing for Healthcare, 2022, 3, 1-27.	5.0	2
132	A process for reviewing mental health apps: Using the One Mind PsyberGuide Credibility Rating System. Digital Health, 2021, 7, 205520762110536.	1.8	11
133	Offline Versus Online Triplet Mining Based on Extreme Distances of Histopathology Patches. Lecture Notes in Computer Science, 2020, , 333-345.	1.3	9
134	Privacy Dilemma in Healthcare: A Review on Privacy Preserving Medical Internet of Things. , 2021, , .		4
136	Use of Blockchain Technology for Electronic Prescriptions. Blockchain in Healthcare Today, 0, , .	3.4	1
137	Digital Health and Healthcare Quality: A Primer on the Evolving 4th Industrial Revolution. , 0, , .		3
139	The Smoking Cessation Program Using Information and Communication Technology~In Order to Disseminate of Smoking Cessation Support Triggered by Health Checkups~. Health Evaluation and Promotion, 2021, 48, 427-430.	0.0	0
140	Application of Data Science Approaches to Investigate Autoimmune Thyroid Disease in Precision Medicine. , 0, , .		0
141	Surgical data science â€" from concepts toward clinical translation. Medical Image Analysis, 2022, 76, 102306.	11.6	107
142	Blockchain for federated learning toward secure distributed machine learning systems: a systemic survey. Soft Computing, 2022, 26, 4423-4440.	3.6	80

#	Article	IF	Citations
143	Tracking the evolution of crisis processes and mental health on social media during the COVID-19 pandemic. Behaviour and Information Technology, 2022, 41, 3450-3469.	4.0	1
145	Data science approaches to confronting the COVID-19 pandemic: a narrative review. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, 20210127.	3.4	28
146	Towards nationally curated data archives for clinical radiology image analysis at scale: Learnings from national data collection in response to a pandemic. Digital Health, 2021, 7, 205520762110486.	1.8	7
149	Scale-up of Digital Innovations in Health Care: Expert Commentary on Enablers and Barriers. Journal of Medical Internet Research, 2022, 24, e24582.	4.3	31
150	Identification of Digital Health Priorities for Palliative Care Research: Modified Delphi Study. JMIR Aging, 2022, 5, e32075.	3.0	16
151	Detection of COVID-19 Using Heart Rate and Blood Pressure: Lessons Learned from Patients with ARDS. , 2021, 2021, 2140-2143.		7
152	Estimating Cost-Effectiveness Using Alternative Preference-Based Scores and Within-Trial Methods: Exploring the Dynamics of the Quality-Adjusted Life-Year Using the EQ-5D 5-Level Version and Recovering Quality of Life Utility Index. Value in Health, 2022, 25, 1018-1029.	0.3	8
153	Data Integration Challenges for Machine Learning in Precision Medicine. Frontiers in Medicine, 2021, 8, 784455.	2.6	18
155	Mobile phone-based interventions for mental health: A systematic meta-review of 14 meta-analyses of randomized controlled trials. , 2022, 1, e0000002.		96
156	An explainable artificial intelligence approach for predicting cardiovascular outcomes using electronic health records. , 2022, 1, e0000004.		13
157	Chatbot use cases in the Covid-19 public health response. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 1000-1010.	4.4	66
158	From Sharing to Selling. Blockchain in Healthcare Today, 0, , .	3.4	4
159	Provider and Manager Perspectives on the Use of an Integrated Clinical Pathway for Community-Dwelling Older Adults: A Qualitative Case Study. International Journal of Integrated Care, 2022, 22, 1.	0.2	2
160	The Future of Virtual Reality and Deep Learning in Visual Field Testing. Advances in Medical Technologies and Clinical Practice Book Series, 2022, , 233-248.	0.3	0
161	Machine learning in vascular surgery: a systematic review and critical appraisal. Npj Digital Medicine, 2022, 5, 7.	10.9	44
162	Quality assessment standards in artificial intelligence diagnostic accuracy systematic reviews: a meta-research study. Npj Digital Medicine, 2022, 5, 11.	10.9	27
163	An Interpretable Machine Learning Approach for Predicting Hospital Length of Stay and Readmission. Lecture Notes in Computer Science, 2022, , 73-85.	1.3	0
164	Digital Phenotyping in Clinical Neurology. Seminars in Neurology, 2022, 42, 048-059.	1.4	11

#	Article	IF	Citations
165	AI-Based Mobile Edge Computing for IoT: Applications, Challenges, and Future Scope. Arabian Journal for Science and Engineering, 2022, 47, 9801-9831.	3.0	42
166	Digital health tools for the passive monitoring of depression: a systematic review of methods. Npj Digital Medicine, 2022, 5, 3.	10.9	66
167	Deploying digital health tools within large, complex health systems: key considerations for adoption and implementation. Npj Digital Medicine, 2022, 5, 13.	10.9	79
169	A Comparative Study of Deep Learning Models for Detecting Pulmonary Embolism. Communications in Computer and Information Science, 2022, , 82-98.	0.5	0
170	SASC: A simple approach to synthetic cohorts for generating longitudinal observational patient cohorts from COVID-19 clinical data. Patterns, 2022, 3, 100453.	5.9	4
172	Deep Learning Classification of Breast Cancer Tissue from Terahertz Imaging Through Wavelet Synchro-Squeezed Transformation and Transfer Learning. Journal of Infrared, Millimeter, and Terahertz Waves, 2022, 43, 48-70.	2.2	19
173	Implementation Experience with a 30-Day Hospital Readmission Risk Score in a Large, Integrated Health System: A Retrospective Study. Journal of General Internal Medicine, 2022, 37, 3054-3061.	2.6	1
174	Blockchain-Based Deep Learning to Process IoT Data Acquisition in Cognitive Data. BioMed Research International, 2022, 2022, 1-7.	1.9	34
175	The dawn of digital public health in Europe: Implications for public health policy and practice. Lancet Regional Health - Europe, The, 2022, 14, 100316.	5.6	61
177	Acceptance Evaluation of a COVID-19 Home Health Service Delivery Relational Agent. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 40-52.	0.3	2
178	Analysis of Celiac Disease with Multimodal Deep Learning. Informatik Aktuell, 2022, , 115-120.	0.6	1
179	Health-focused conversational agents in person-centered care: a review of apps. Npj Digital Medicine, 2022, 5, 21.	10.9	43
180	Machine Learning Methods for Diagnosis of Eye-Related Diseases: A Systematic Review Study Based on Ophthalmic Imaging Modalities. Archives of Computational Methods in Engineering, 2022, 29, 3861-3918.	10.2	13
181	Design of Optimal Scheduling Model for Emergency Medical Supplies by Blockchain Technology. Journal of Healthcare Engineering, 2022, 2022, 1-10.	1.9	2
182	A Data-Driven Model with Feedback Calibration Embedded Blood Pressure Estimator Using Reflective Photoplethysmography. Sensors, 2022, 22, 1873.	3.8	8
183	Using language in social media posts to study the network dynamics of depression longitudinally. Nature Communications, 2022, 13, 870.	12.8	11
185	Machine-Learning-Based Disease Diagnosis: A Comprehensive Review. Healthcare (Switzerland), 2022, 10, 541.	2.0	103
186	Detection of COVID-19 using multimodal data from a wearable device: results from the first TemPredict Study. Scientific Reports, 2022, 12, 3463.	3.3	31

#	ARTICLE	IF	CITATIONS
188	Co-evolution of machine learning and digital technologies to improve monitoring of Parkinson's disease motor symptoms. Npj Digital Medicine, 2022, 5, 32.	10.9	43
189	Challenges in translational machine learning. Human Genetics, 2022, 141, 1451-1466.	3.8	10
190	Medication Safety in the Emergency Department: A Study of Serious Medication Errors Reported by 101 Hospitals From 2011 to 2020. Patient Safety, 2022, , 49-59.	0.2	1
191	Deep learning-based image reconstruction and post-processing methods in positron emission tomography for low-dose imaging and resolution enhancement. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 3098-3118.	6.4	22
194	Inclusion of environmentally themed search terms improves Elastic net regression nowcasts of regional Lyme disease rates. PLoS ONE, 2022, 17, e0251165.	2.5	0
196	Real-time infection prediction with wearable physiological monitoring and AI to aid military workforce readiness during COVID-19. Scientific Reports, 2022, 12, 3797.	3.3	27
197	Programmable Multiwavelength Radio Frequency Spectrometry of Chemophysical Environments through an Adaptable Network of Flexible and Environmentally Responsive, Passive Wireless Elements. Small Science, 2022, 2, .	9.9	4
198	Paroxysmal Atrial Fibrillation in Horses: Pathophysiology, Diagnostics and Clinical Aspects. Animals, 2022, 12, 698.	2.3	4
200	ISPE-Endorsed Guidance in Using Electronic Health Records for Comparative Effectiveness Research in COVID-19: Opportunities and Trade-Offs. Clinical Pharmacology and Therapeutics, 2022, 112, 990-999.	4.7	8
201	WaSP-ECG: A Wave Segmentation Pretraining Toolkit for Electrocardiogram Analysis. Frontiers in Physiology, 2022, 13, 760000.	2.8	1
202	Hand Measurement System Based on Haptic and Vision Devices towards Post-Stroke Patients. Sensors, 2022, 22, 2060.	3.8	3
203	Dementia classification using MR imaging and clinical data with voting based machine learning models. Multimedia Tools and Applications, 2022, 81, 25971-25992.	3.9	13
204	A Systematic Review on Healthcare Artificial Intelligent Conversational Agents for Chronic Conditions. Sensors, 2022, 22, 2625.	3.8	28
206	Multiclass Arrhythmia Detection and Classification From Photoplethysmography Signals Using a Deep Convolutional Neural Network. Journal of the American Heart Association, 2022, 11, e023555.	3.7	11
207	The Current State of Optical Sensors in Medical Wearables. Biosensors, 2022, 12, 217.	4.7	35
208	Discrimination, trust, and withholding information from providers: Implications for missing data and inequity. SSM - Population Health, 2022, 18, 101092.	2.7	14
209	Natural language processing applied to mental illness detection: a narrative review. Npj Digital Medicine, 2022, 5, 46.	10.9	78
210	Developing a mental health index using a machine learning approach: Assessing the impact of mobility and lockdown during the COVID-19 pandemic. Technological Forecasting and Social Change, 2022, 178, 121560.	11.6	22

#	Article	IF	Citations
211	Un chatbot para asistir a las necesidades de informaciÃ³n en tiempos de COVID-19. Ingenieria Y Competitividad, 2021, 24, .	0.1	1
212	Medical Surgical Video Recognition and Retrieval Based on Novel Unified Approximation. Journal of Medical Imaging and Health Informatics, 2021, 11, 2733-2746.	0.3	3
213	Utilizing Blockchain to Enhance the Privacy and Block Validity in Healthcare Systems. , 2021, , .		0
215	ACCU3RATE: A mobile health application rating scale based on user reviews. PLoS ONE, 2021, 16, e0258050.	2.5	46
216	A Machine Learning Driven Pipeline for Automated Photoplethysmogram Signal Artifact Detection. , 2021, 2021, 149-154.		0
217	Extracting Disease-Relevant Features with Adversarial Regularization. , 2021, 2021, 3464-3471.		0
218	A systematic review of artificial intelligence chatbots for promoting physical activity, healthy diet, and weight loss. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 160.	4.6	75
220	Detection of Clenbuterol-Induced Changes in Heart Rate Using At-Home Recorded Smartwatch Data: Randomized Controlled Trial. JMIR Formative Research, 2021, 5, e31890.	1.4	3
221	Ethical, Legal and Social Issues of Digital Phenotyping as a Future Solution for Present-Day Challenges: A Scoping Review. Science and Engineering Ethics, 2022, 28, 1.	2.9	14
222	Characteristics of smartphone-based dietary assessment tools: a systematic review. Health Psychology Review, 2022, 16, 526-550.	8.6	14
223	The Acceptability and Initial Effectiveness of â€œSpace From Money Worriesâ€ An Online Cognitive Behavioral Therapy Intervention to Tackle the Link Between Financial Difficulties and Poor Mental Health. Frontiers in Public Health, 2022, 10, 739381.	2.7	2
224	Development, evaluation and implementation of a digital behavioural health treatment for chronic pain: study protocol of the multiphase DAHLIA project. BMJ Open, 2022, 12, e059152.	1.9	7
225	Applications and Techniques for Fast Machine Learning in Science. Frontiers in Big Data, 2022, 5, 787421.	2.9	20
226	Evaluation of the Wateen App in the Blood-Donation Process in Saudi Arabia. Journal of Blood Medicine, 2022, Volume 13, 181-190.	1.7	1
227	A two step workflow for pulmonary embolism detection using deep learning and feature extraction. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2023, 11, 341-350.	1.9	3
228	Durability of treatment effects following internetâ€delivered cognitive behavioural therapy for depression and anxiety delivered within a routine care setting. Clinical Psychology and Psychotherapy, 2022, 29, 1768-1777.	2.7	6
231	Reimagined PHC: What Will It Look Like?. , 2022, , 48-79.		0
233	Making It Happen. , 2022, , 80-183.		0

#	ARTICLE	IF	CITATIONS
234	Policy Recommendations. , 2022, , 184-198.		0
235	Primary Health Care: Time to Deliver. , 2022, , 10-22.		0
236	Challenges for Health Systems: COVID-19 and Beyond. , 2022, , 24-46.		1
238	Multi-modal Medical Data Fusion using Deep Learning. , 2022, , .		1
241	Detection and Recognition of Driver Distraction Using Multimodal Signals. ACM Transactions on Interactive Intelligent Systems, 2022, 12, 1-28.	3.7	5
242	Artificial Intelligence in Perioperative Medicine: A Proposed Common Language With Applications to FDA-Approved Devices. Frontiers in Digital Health, 2022, 4, 872675.	2.8	2
243	Detecting sleep outside the clinic using wearable heart rate devices. Scientific Reports, 2022, 12, 7956.	3.3	11
244	Realizing the promise of big data: how Taiwan can help the world reduce medical errors and advance precision medicine. Applied Computing and Informatics, 2022, ahead-of-print, .	5.9	9
245	Putting explainable AI in context: institutional explanations for medical AI. Ethics and Information Technology, 2022, 24, 23.	3.8	8
246	A Review of Blockchain Technology Applications in Ambient Assisted Living. Future Internet, 2022, 14, 150.	3.8	11
247	Machine learning-based optimization of pre-symptomatic COVID-19 detection through smartwatch. Scientific Reports, 2022, 12, 7886.	3.3	4
248	Secure Model for IoT Healthcare System under Encrypted Blockchain Framework. Security and Communication Networks, 2022, 2022, 1-11.	1.5	8
249	Assessing the Generalizability of a Clinical Machine Learning Model Across Multiple Emergency Departments. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2022, 6, 193-199.	2.4	5
250	Applying Machine Learning in Distributed Data Networks for Pharmacoepidemiologic and Pharmacovigilance Studies: Opportunities, Challenges, and Considerations. Drug Safety, 2022, 45, 493-510.	3.2	5
251	Posttraumatic stress disorder hyperarousal event detection using smartwatch physiological and activity data. PLoS ONE, 2022, 17, e0267749.	2.5	8
252	Biases in digital health measures. , 2022, , 95-112.		1
254	Cloud-Based Glaucoma Diagnosis in Medical Imaging Using Machine Learning. , 2022, , 61-78.		2
255	MONITORING PHYSIOLOGICAL AND BIOCHEMICAL INDICES IN THE SYSTEMATIC TRAINING OF SPRINTERS. Revista Brasileira De Medicina Do Esporte, 2022, 28, 775-777.	0.2	0

#	Article	IF	Citations
257	Zoom-based GROW coaching intervention for improving subjective well-being in a sample of school administrators: A randomized control trial. Internet Interventions, 2022, 29, 100549.	2.7	2
259	â€œI donâ€™t know what you mean by `I am anxious'â€• A New Method for Evaluating Conversational Agent Responses to Standardized Mental Health Inputs for Anxiety and Depression. ACM Transactions on Interactive Intelligent Systems, 2022, 12, 1-23.	3.7	2
260	The Answer Bot Effect (ABE): A powerful new form of influence made possible by intelligent personal assistants and search engines. PLoS ONE, 2022, 17, e0268081.	2.5	5
263	Federated Learning for Smart Healthcare: A Survey. ACM Computing Surveys, 2023, 55, 1-37.	23.0	147
264	Security andÂPrivacy Concerns forÂHealthcare Wearable Devices andÂEmerging Alternative Approaches. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 19-38.	0.3	5
265	Defining Requirements forÂtheÂDevelopment ofÂUseful andÂUsable Chatbots: An Analysis ofÂQuality Attributes fromÂAcademy andÂIndustry. Lecture Notes in Computer Science, 2022, , 479-493.	1.3	2
267	The Role of AI Chatbots in Mental Health Related Public Services in a (Post)Pandemic World: A Review and Future Research Agenda. , 2022, , .		7
269	Pathways to suicide or collections of vicious cycles? Understanding the complexity of suicide through causal mapping. Social Network Analysis and Mining, 2022, 12, .	2.8	12
270	Distributed learning for heterogeneous clinical data with application to integrating COVID-19 data across 230 sites. Npj Digital Medicine, 2022, 5, .	10.9	8
271	Preparing for the next pandemic via transfer learning from existing diseases with hierarchical multi-modal BERT: a study on COVID-19 outcome prediction. Scientific Reports, 2022, 12, .	3.3	8
273	Multimodal Classification: Current Landscape, Taxonomy and Future Directions. ACM Computing Surveys, 2023, 55, 1-31.	23.0	19
274	Multi-center federated learning: clients clustering for better personalization. World Wide Web, 2023, 26, 481-500.	4.0	40
275	Federated Learning for Brain Tumor Segmentation Using MRI and Transformers. Lecture Notes in Computer Science, 2022, , 444-454.	1.3	3
276	Patient-Reported Outcomes in Lung Cancer. Medical Radiology, 2022, , .	0.1	0
278	DP-CTGAN: Differentially Private Medical Data Generation Using CTGANs. Lecture Notes in Computer Science, 2022, , 178-188.	1.3	8
280	A Survey on Data-driven COVID-19 and Future Pandemic Management. ACM Computing Surveys, 2023, 55, 1-36.	23.0	4
281	Major Challenges and Future Approaches in the Employment of Blockchain and Machine Learning Techniques in the Health and Medicine. Security and Communication Networks, 2022, 2022, 1-11.	1.5	11
282	The potential of digital molecular diagnostics for infectious diseases in sub-Saharan Africa. , 2022, 1, e0000064.		11

#	Article	IF	Citations
283	Authorization and privacy preservation in cloud-based distributed ehr system using blockchain technology and anonymous digital ring signature. Health Services and Outcomes Research Methodology, 2023, 23, 227-240.	1.8	2
284	Time-Series Prediction for the Epidemic Trends of COVID-19 Using Conditional Generative Adversarial Networks Regression on Country-Wise Case Studies. SN Computer Science, 2022, 3, .	3.6	1
285	Build-in sensors and analysis algorithms aided smartphone-based sensors for point-of-care tests. Biosensors and Bioelectronics: X, 2022, , 100195.	1.7	0
286	Promoting access to COVID-19 Information by underserved communities through the development of a mHealth app. , 2022, 9, .		3
287	Analysis of red blood cells from peripheral blood smear images for anemia detection: a methodological review. Medical and Biological Engineering and Computing, 2022, 60, 2445-2462.	2.8	11
289	Trustworthy AI: A Computational Perspective. ACM Transactions on Intelligent Systems and Technology, 2023, 14, 1-59.	4.5	26
290	Potential autonomic nervous system dysfunction in COVID-19 patients detected by heart rate variability is a sign of SARS-CoV-2 neurotropic features. Molecular Biology Reports, 2022, 49, 8131-8137.	2.3	4
291	Clinical trials of immunotherapy in triple-negative breast cancer. Breast Cancer Research and Treatment, 2022, 195, 1-15.	2.5	19
293	Resource Optimization and Device Scheduling for Flexible Federated Edge Learning with Tradeoff Between Energy Consumption and Model Performance. Mobile Networks and Applications, 0, , .	3.3	2
294	A large collection of real-world pediatric sleep studies. Scientific Data, 2022, 9, .	5.3	14
295	Machine learning for real-time aggregated prediction of hospital admission for emergency patients. Npj Digital Medicine, 2022, 5, .	10.9	14
296	A Scoping Review of Machine Learning Techniques and Their Utilisation in Predicting Heart Diseases. Ibn Al-Haitham Journal for Pure and Applied Sciences, 2022, 35, 175-189.	0.3	1
298	A Critical Review of Text Mining Applications for Suicide Research. Current Epidemiology Reports, 2022, 9, 126-134.	2.4	8
299	Electronic health records and blockchain interoperability requirements: a scoping review. JAMIA Open, 2022, 5, .	2.0	6
300	Blockchain for Healthcare and Medical Systems. , 2022, , 811-832.		0
301	Single-Shot Light-Field Microscopy: An Emerging Tool for 3D Biomedical Imaging. Biochip Journal, 2022, 16, 397-408.	4.9	10
302	A multitask deep learning approach for pulmonary embolism detection and identification. Scientific Reports, 2022, 12, .	3.3	12
303	Interpreting models interpreting brain dynamics. Scientific Reports, 2022, 12, .	3.3	11

#	Article	IF	Citations
304	MedMetrics: Biometrics Passports in Medical and Clinical Healthcare That Enable AI and Blockchain. , 0, , .		0
305	Personalized survival probabilities for SARS-CoV-2 positive patients by explainable machine learning. Scientific Reports, 2022, 12, .	3.3	0
306	Distributed Ledger Technologies and Their Applications: A Review. Applied Sciences (Switzerland), 2022, 12, 7898.	2.5	15
307	The Patient Matters in the End(point). Advances in Therapy, 2022, 39, 4847-4852.	2.9	1
308	Federated disentangled representation learning for unsupervised brain anomaly detection. Nature Machine Intelligence, 2022, 4, 685-695.	16.0	17
309	Appropriate controls for digital therapeutic clinical trials: A narrative review of control conditions in clinical trials of digital therapeutics (DTx) deploying psychosocial, cognitive, or behavioral content. Frontiers in Digital Health, 0, 4, .	2.8	23
310	Automated diagnosing primary open-angle glaucoma from fundus image by simulating human's grading with deep learning. Scientific Reports, 2022, 12, .	3.3	15
311	Biosensors and machine learning for enhanced detection, stratification, and classification of cells: a review. Biomedical Microdevices, 2022, 24, .	2.8	18
313	Federated learning-based AI approaches in smart healthcare: concepts, taxonomies, challenges and open issues. Cluster Computing, 2023, 26, 2271-2311.	5.0	49
315	A novel insurance claim blockchain scheme based on zero-knowledge proof technology. Computer Communications, 2022, 195, 207-216.	5.1	8
316	Prediction of juvenile crime in Bangladesh due to drug addiction using machine learning and explainable AI techniques. Journal of Computational Social Science, 2022, 5, 1467-1487.	2.4	2
318	A virtual reality platform to simulate orientation and mobility training for the visually impaired. Virtual Reality, 2023, 27, 797-814.	6.1	3
319	Microchip imaging cytometer: making healthcare available, accessible, and affordable. Opto-Electronic Advances, 2022, 5, 210130-210130.	13.3	2
320	World Heart Federation Roadmap for Digital Health in Cardiology. Global Heart, 2022, 17, .	2.3	24
321	Survival Prediction of Brain Cancer with Incomplete Radiology, Pathology, Genomic, and Demographic Data. Lecture Notes in Computer Science, 2022, , 626-635.	1.3	3
322	Few-Shot Learning Geometric Ensemble for Multi-label Classification of Chest X-Rays. Lecture Notes in Computer Science, 2022, , 112-122.	1.3	2
323	A Comprehensive Study of Modern Architectures and Regularization Approaches on CheXpert5000. Lecture Notes in Computer Science, 2022, , 654-663.	1.3	0
324	CheXRelNet: An Anatomy-Aware Model for Tracking Longitudinal Relationships Between Chest X-Rays. Lecture Notes in Computer Science, 2022, , 581-591.	1.3	4

#	Article	IF	Citations
325	Exploring SVM for Federated Machine Learning Applications. Lecture Notes in Networks and Systems, 2022, , 295-305.	0.7	2
326	Dynamic Bank Learning forÂSemi-supervised Federated Image Diagnosis withÂClass Imbalance. Lecture Notes in Computer Science, 2022, , 196-206.	1.3	13
327	Basics of Smart Healthcare Engineering ManagementÂand Risk Analytics. , 2022, , 1-19.		0
328	Optimizing Transformations forÂContrastive Learning inÂaÂDifferentiable Framework. Lecture Notes in Computer Science, 2022, , 96-105.	1.3	0
329	AANet: Artery-Aware Network for Pulmonary Embolism Detection in CTPA Images. Lecture Notes in Computer Science, 2022, , 473-483.	1.3	2
330	A Review ofÂMedical Federated Learning: Applications inÂOncology andÂCancer Research. Lecture Notes in Computer Science, 2022, , 3-24.	1.3	15
331	Learning Towards Synchronous Network Memorizability andÂGeneralizability forÂContinual Segmentation Across Multiple Sites. Lecture Notes in Computer Science, 2022, , 380-390.	1.3	1
332	Scent-delivery devices as a digital healthcare tool for olfactory training: A pilot focus group study in Parkinson's disease patients. Digital Health, 2022, 8, 205520762211290.	1.8	2
333	Combining Artificial Intelligence andÂEdge Computing toÂReshape Distance Education (Case Study: K-12) Tj ETQq0 0 0 rgBT /Overlock	1.3	1
334	Ensembled Prediction of Rheumatic Heart Disease from Ungated Doppler Echocardiography Acquired in Low-Resource Settings. Lecture Notes in Computer Science, 2022, , 602-612.	1.3	5
335	Backdoor Attack is aÂDevil inÂFederated GAN-Based Medical Image Synthesis. Lecture Notes in Computer Science, 2022, , 154-165.	1.3	3
336	Opportunities andÂChallenges forÂDeep Learning inÂBrain Lesions. Lecture Notes in Computer Science, 2022, , 25-36.	1.3	0
337	Digital Health Interventions to Empower People with Sickle Cell Disease: Toward Patient-Led Design. , 0, , .		0
338	Reliability and acceptance of dreaMS, a software application for people with multiple sclerosis: a feasibility study. Journal of Neurology, 2023, 270, 262-271.	3.6	10
339	Effectiveness of Federated Learning and CNN Ensemble Architectures for Identifying Brain Tumors Using MRI Images. Neural Processing Letters, 2023, 55, 3779-3809.	3.2	15
340	Integrated multimodal artificial intelligence framework for healthcare applications. Npj Digital Medicine, 2022, 5, .	10.9	44
341	Trustworthy Applications ofÂML Algorithms inÂMedicine - Discussion andÂPreliminary Results forÂaÂProblem ofÂSmall Vessels Disease Diagnosis. Lecture Notes in Networks and Systems, 2023, , 3-16.	0.7	0
342	Comparing two machine learning approaches in predicting lupus hospitalization using longitudinal data. Scientific Reports, 2022, 12, .	3.3	4

#	ARTICLE	IF	CITATIONS
343	Participant retention in a fully remote trial of digital psychotherapy: Comparison of incentive types. Frontiers in Digital Health, 0, 4, .	2.8	6
344	The mental health and well-being profile of young adults using social media. , 2022, 1, .		4
346	Soft Humanâ€"Machine Interface Sensing Displays: Materials and Devices. Advanced Materials, 2023, 35, .	21.0	12
347	COVID-19 Severity Forecast Based onÂMachine Learning andÂComplete Blood Count Data. Lecture Notes in Networks and Systems, 2023, , 52-62.	0.7	2
348	Random Weights Neural Network forÂLow-Cost Readout ofÂColorimetric Reactions: Accurate Detection ofÂAntioxidant Levels. Lecture Notes in Networks and Systems, 2023, , 95-104.	0.7	2
349	Japan Ocular Imaging Registry: a national ophthalmology real-world database. Japanese Journal of Ophthalmology, 2022, 66, 499-503.	1.9	3
350	Deep learning-based patient re-identification is able to exploit the biometric nature of medical chest X-ray data. Scientific Reports, 2022, 12, .	3.3	19
352	Global healthcare fairness: We should be sharing more, not less, data. , 2022, 1, e0000102.		28
353	Energy intake estimation using a novel wearable sensor and food images in a laboratory (pseudo-free-living) meal setting: quantification and contribution of sources of error. International Journal of Obesity, 0, , .	3.4	4
354	Ethical, legal, and social aspects of symptom checker applications: a scoping review. Medicine, Health Care and Philosophy, 2022, 25, 737-755.	1.8	7
355	Towards Sparsified Federated Neuroimaging Models viaÂWeight Pruning. Lecture Notes in Computer Science, 2022, , 141-151.	1.3	0
356	Personalizing Federated Medical Image Segmentation viaÂLocal Calibration. Lecture Notes in Computer Science, 2022, , 456-472.	1.3	6
357	Auto-FedRL: Federated Hyperparameter Optimization forÂMulti-institutional Medical Image Segmentation. Lecture Notes in Computer Science, 2022, , 437-455.	1.3	16
358	Cluster Based Secure Multi-party Computation inÂFederated Learning forÂHistopathology Images. Lecture Notes in Computer Science, 2022, , 110-118.	1.3	2
359	Natural Synthetic Anomalies forÂSelf-supervised Anomaly Detection andÂLocalization. Lecture Notes in Computer Science, 2022, , 474-489.	1.3	23
360	Vaxera: An Empathetic Chatbot forÂCOVID-19 Vaccination. Communications in Computer and Information Science, 2022, , 157-168.	0.5	1
361	Joint Multi Organ andÂTumor Segmentation fromÂPartial Labels Using Federated Learning. Lecture Notes in Computer Science, 2022, , 58-67.	1.3	1
362	Can Collaborative Learning Be Private, Robust andÂScalable?. Lecture Notes in Computer Science, 2022, , 37-46.	1.3	0

#	ARTICLE	IF	CITATIONS
363	Towards More Efficient Data Valuation in Healthcare Federated Learning Using Ensembling. Lecture Notes in Computer Science, 2022, , 119-129.	1.3	1
364	Sickly Apps: A Forensic Analysis of Medical Device Smartphone Applications on Android and iOS Devices. Mobile Networks and Applications, 0, , .	3.3	0
365	LifeSnaps, a 4-month multi-modal dataset capturing unobtrusive snapshots of our lives in the wild. Scientific Data, 2022, 9, .	5.3	3
366	Advances in Deep Learning for Tuberculosis Screening using Chest X-rays: The Last 5 Years Review. Journal of Medical Systems, 2022, 46, .	3.6	29
367	Survival analysis of localized prostate cancer with deep learning. Scientific Reports, 2022, 12, .	3.3	3
368	Collaboration, not Confrontation: Understanding General Practitioners' Attitudes Towards Natural Language and Text Automation in Clinical Practice. ACM Transactions on Computer-Human Interaction, 2023, 30, 1-34.	5.7	1
369	Personal Health Train Architecture with Dynamic Cloud Staging. SN Computer Science, 2023, 4, .	3.6	1
370	Artificial intelligence-based methods for fusion of electronic health records and imaging data. Scientific Reports, 2022, 12, .	3.3	28
371	Covid-19 vaccination and menstrual cycle length in the Apple Women's Health Study. Npj Digital Medicine, 2022, 5, .	10.9	23
372	Interpreting Medical Images. , 2022, , 343-371.		4
373	Reflections and Projections. , 2022, , 539-551.		0
374	Introducing AI in Medicine. , 2022, , 3-20.		0
375	Applications of deep learning methods in digital biomarker research using noninvasive sensing data. Digital Health, 2022, 8, 205520762211366.	1.8	4
376	Evaluating the difference in walk patterns among normal-weight and overweight/obese individuals in real-world surfaces using statistical analysis and deep learning methods with inertial measurement unit data. Physical and Engineering Sciences in Medicine, 2022, 45, 1289-1300.	2.4	2
377	E-Textiles: A Soft Touch Barometer for Female Students to Self-Manage Their Stress. Journal of Textile Design Research and Practice, 2022, 10, 243-273.	0.4	3
378	A deep learning approach for automated diagnosis of pulmonary embolism on computed tomographic pulmonary angiography. BMC Medical Imaging, 2022, 22, .	2.7	5
380	Improving the repeatability of deep learning models with Monte Carlo dropout. Npj Digital Medicine, 2022, 5, .	10.9	20
381	Answering Questions About COVID-19 Vaccines Using ChatBot Technologies. Lecture Notes in Computer Science, 2022, , 458-472.	1.3	0

#	Article	IF	Citations
382	Personalized Federated Learning withÂRobust Clustering Against Model Poisoning. Lecture Notes in Computer Science, 2022, , 238-252.	1.3	2
383	Machine Learning Techniques. Hot Topics in Acute Care Surgery and Trauma, 2022, , 147-164.	0.1	0
384	Ecosystem of Patient-Centered Research and Information System Design. , 2022, , 329-351.		0
385	Hey ASR System! Why Arenâ€™t You More Inclusive?. Lecture Notes in Computer Science, 2022, , 421-440.	1.3	2
386	MILSA: Model Interpretation Based Label Sniffing Attack inÂFederated Learning. Lecture Notes in Computer Science, 2022, , 139-154.	1.3	0
387	Federating Unlabeled Samples: A Semi-supervised Collaborative Framework forÂWhole Slide Image Analysis. Lecture Notes in Computer Science, 2022, , 64-72.	1.3	0
388	Separable vs. End-to-End Learning: A Critical Examination ofÂLearning Paradigms. Lecture Notes in Computer Science, 2022, , 26-37.	1.3	0
390	Smartphone video nystagmography using convolutional neural networks: ConVNG. Journal of Neurology, 2023, 270, 2518-2530.	3.6	2
391	Machine learning framework for atherosclerotic cardiovascular disease risk assessment. Journal of Diabetes and Metabolic Disorders, 2023, 22, 423-430.	1.9	2
393	Secure Federated Learning. , 2023, , 165-212.		0
394	Bias reduction in representation of histopathology images using deep feature selection. Scientific Reports, 2022, 12, .	3.3	7
395	Digital Technology Interventions for Preventing and Treating Youth Depression. Depression and Personality, 2023, , 55-74.	0.3	0
396	Selective electrical stimulation of low versus high diameter myelinated fibers and its application in pain relief: a modeling study. Journal of Mathematical Biology, 2023, 86, .	1.9	0
397	Sensitive deep learning application on sleep stage scoring by using all PSG data. Neural Computing and Applications, 2023, 35, 7495-7508.	5.6	4
398	Early Mental Health Uncovering withÂShort Scripted andÂUnscripted Voice Recordings. Advances in Intelligent Systems and Computing, 2023, , 79-110.	0.6	3
399	Transfer Learning forÂDepression Screening fromÂFollow-Up Clinical Interview Questions. Advances in Intelligent Systems and Computing, 2023, , 53-78.	0.6	5
401	Improving Clinical Practice with Person-Centered Outcome Measurement. Springer Series in Measurement Science and Technology, 2023, , 53-105.	0.8	0
404	A proof of concept for a deep learning system that can aid embryologists in predicting blastocyst survival after thaw. Scientific Reports, 2022, 12, .	3.3	5

#	Article	IF	Citations
406	Data quality evaluation in wearable monitoring. Scientific Reports, 2022, 12, .	3.3	21
407	B-SAHIC: A blockchain based secured and automated health insurance claim processing system. Journal of Intelligent and Fuzzy Systems, 2023, 44, 4869-4890.	1.4	2
408	Federated learning enables big data for rare cancer boundary detection. Nature Communications, 2022, 13, .	12.8	71
410	Future Directions in Understanding and Interpreting Discrepant Reports of Suicidal Thoughts and Behaviors Among Youth. Journal of Clinical Child and Adolescent Psychology, 2023, 52, 134-146.	3.4	5
411	â€˜Assessment of an artificial intelligence aid for the detection of appendicular skeletal fractures in children and young adults by senior and junior radiologistsâ€™: reply to Sammer et al.. Pediatric Radiology, 2023, 53, 341-342.	2.0	1
415	Balancing the safeguarding of privacy and data sharing: perceptions of genomic professionals on patient genomic data ownership in Australia. European Journal of Human Genetics, 0, , .	2.8	1
416	Chatbots in the Field of Mental Health: Challenges and Opportunities. , 2023, , 133-148.		0
417	Digital Biomarkers and Passive Digital Indicators of Generalized Anxiety Disorder. , 2023, , 13-34.		0
418	Machine learning for optimal test admission in the presence of resource constraints. Health Care Management Science, 2023, 26, 279-300.	2.6	2
419	Mental Health Analysis in Social Media Posts: A Survey. Archives of Computational Methods in Engineering, 2023, 30, 1819-1842.	10.2	17
420	The Precision in Psychiatry (PIP) study: Testing an internet-based methodology for accelerating research in treatment prediction and personalisation. BMC Psychiatry, 2023, 23, .	2.6	5
421	A review of research on eligibility criteria for clinical trials. Clinical and Experimental Medicine, 2023, 23, 1867-1879.	3.6	4
423	Revolutionary Dentistry through Blockchain Technology. Big Data and Cognitive Computing, 2023, 7, 9.	4.7	3
424	Artificial Intelligence Assisted Cardiac Signal Analysis for Heart Disease Prediction. EAI/Springer Innovations in Communication and Computing, 2023, , 337-372.	1.1	1
425	A Secure BlockChain Framework for IoT Healthcare. , 2022, , .		3
426	Blockchain in the Healthcare Industry. Advances in Finance, Accounting, and Economics, 2023, , 81-93.	0.3	1
427	A Correlational Investigation of Personal Medical Data Safety and Blockchains. , 2022, , .		0
428	Determining theÂSeverity ofÂDementia Using Ensemble Learning. Lecture Notes in Computer Science, 2022, , 117-135.	1.3	0

#	Article	IF	Citations
429	A privacy-preserving and computation-efficient federated algorithm for generalized linear mixed models to analyze correlated electronic health records data. PLoS ONE, 2023, 18, e0280192.	2.5	1
430	Digital Therapies (DTx) as New Tools within Physiciansâ€™ Therapeutic Arsenal: Key Observations to Support their Effective and Responsible Development and Use. Pharmaceutical Medicine, 2023, 37, 121-127.	1.9	3
432	An Immutable Framework for Smart Healthcare Using Blockchain Technology. Computer Systems Science and Engineering, 2023, 46, 165-179.	2.4	3
434	Representation Learning withÂInformation Theory toÂDetect COVID-19 andÂIts Severity. Lecture Notes in Computer Science, 2023, , 605-620.	1.3	0
435	Autonomous vehicles decision-making enhancement using self-determination theory and mixed-precision neural networks. Multimedia Tools and Applications, 0, , .	3.9	9
436	Evaluation of artificial intelligence techniques in disease diagnosis and prediction. Discover Artificial Intelligence, 2023, 3, .	3.1	32
437	Integrated Sensing Devices for Brain-Computer Interfaces. , 2023, , 241-258.		0
438	Associations between Participant Characteristics and Participant Feedback about an Unsupervised Online Cognitive Assessment in a Research Registry. journal of prevention of Alzheimer's disease, The, 0, , .	2.7	1
440	Application and Analysis of Decision Support System in the Development Trend of Coal Science and Technology. , 0, 6, 243-249.		0
441	Identifying developments over a decade in the digital health and telemedicine landscape in the UK using quantitative text mining. Frontiers in Digital Health, 0, 5, .	2.8	0
442	Blockchain Technologies in e-Government Services: A Literature Review. , 2022, , .		1
443	Deep learning model integrating positron emission tomography and clinical data for prognosis prediction in non-small cell lung cancer patients. BMC Bioinformatics, 2023, 24, .	2.6	3
445	Towards automatic text-based estimation of depression through symptom prediction. Brain Informatics, 2023, 10, .	3.0	1
446	Machine Learning for Decision Support Systems: Prediction of Clinical Deterioration. Computers in Health Care, 2023, , 85-99.	0.3	0
447	Introducing Computer Vision into Healthcare Workflows. Computers in Health Care, 2023, , 43-62.	0.3	1
448	Mental Health Studies: A Review. Springer Series in Reliability Engineering, 2023, , 289-302.	0.5	0
449	Blockchain-Powered Smart E-Healthcare System: Benefits, Use Cases, and Future Research Directions. , 2023, , 203-228.		3
450	A Secure Medical Record Sharing Scheme Based on Blockchain and Two-fold Encryption. , 2022, , .		7

#	Article	IF	Citations
451	Comparison of diagnostic performance of a deep learning algorithm, emergency physicians, junior radiologists and senior radiologists in the detection of appendicular fractures in children. Pediatric Radiology, 2023, 53, 1675-1684.	2.0	2
454	PsyProf: A Platform forÂAssisted Screening ofÂDepression inÂSocial Media. Lecture Notes in Computer Science, 2023, , 300-306.	1.3	1
455	Exploring Healthcare Workersâ€™ Perceptions of Digital Healthcare Support Platforms: The Case of NurseConnect. Communications in Computer and Information Science, 2023, , 172-184.	0.5	0
456	A survey of ASER members on artificial intelligence in emergency radiology: trends, perceptions, and expectations. Emergency Radiology, 2023, 30, 267-277.	1.8	9
457	Establishment of Production Standards for Web-based Metaverse Content: Focusing on Accessibility and HCI. Journal of Web Engineering, 0, , .	0.7	1
458	Learning to predict RNA sequence expressions from whole slide images with applications for search and classification. Communications Biology, 2023, 6, .	4.4	12
459	Flexible strain sensor with self-healing function for human motion monitoring. Functional Materials Letters, 0, , .	1.2	2
460	A scoping review of portable sensing for out-of-lab anterior cruciate ligament injury prevention and rehabilitation. Npj Digital Medicine, 2023, 6, .	10.9	6
461	Trustworthy artificial intelligence in Alzheimerâ€™s disease: state of the art, opportunities, and challenges. Artificial Intelligence Review, 2023, 56, 11149-11296.	15.7	8
462	Blockchain Meets Federated Learning in Healthcare: A Systematic Review With Challenges and Opportunities. IEEE Internet of Things Journal, 2023, 10, 14418-14437.	8.7	26
463	Artificial intelligence in healthcare: a mastery. Biotechnology and Genetic Engineering Reviews, 0, , 1-50.	6.2	3
464	Foundations, need, state-of-the-art blockchain technologies, its adaptions, and impact on healthcare industries. , 2023, , 1-28.		0
465	A Systematic Review on the Adoption of Blockchain Technology in the Healthcare Industry. EAI Endorsed Transactions on Pervasive Health and Technology, 0, 9, e4.	0.9	3
466	Artificial intelligence inspired framework for preventing sexual violence at public toilets of educational institutions with the improvisation of gender recognition from gait sequences. Soft Computing, 0, , .	3.6	0
467	MTFL: Multi-task Federated Learning forÂClassification ofÂHealthcare X-Ray Images. Communications in Computer and Information Science, 2023, , 572-585.	0.5	0
468	Speech timing and monosyllabic diadochokinesis measures in the assessmentÂof amyotrophic lateral sclerosis in Canadian French. International Journal of Speech-Language Pathology, 0, , 1-11.	1.2	0
469	Development of generalizable automatic sleep staging using heart rate and movement based on large databases. Biomedical Engineering Letters, 0, , .	4.1	0
470	Editorial: Artificial intelligence: applications in clinical medicine. Frontiers in Medical Technology, 0, 5, .	2.5	1

#	Article	IF	Citations
471	Enabling QALY estimation in mental health trials and care settings: mapping from the PHQ-9 and GAD-7 to the ReQoL-UI or EQ-5D-5L using mixture models. Quality of Life Research, 2023, 32, 2763-2778.	3.1	0
472	Do living arrangements and health behaviors associate with anxiety symptoms among Chinese older people? Differences between urban and rural areas. Psychology, Health and Medicine, 2023, 28, 3117-3130.	2.4	0
473	Interaction Design for Healthcare Technologies. , 2023, , 1-24.		0
474	Intelligence Amplification-Based Smart Health Record Chain for Enterprise Management System. Information (Switzerland), 2023, 14, 284.	2.9	0
475	Two Fish Encryption Based Blockchain Technology for Secured Data Storage. Journal of Machine and Computing, 2023, , 216-226.	0.8	1
476	Development and validation of the creatinine clearance predictor machine learning models in critically ill adults. Critical Care, 2023, 27, .	5.8	2
477	Secure federated learning architecture for fuzzy classifier in healthcare environment. Soft Computing, 0, , .	3.6	0
478	Blockchain-based electronic health record system with patient-centred data access control. , 2023, , .		0
479	Algorithm aversion to mobile clinical decision support among clinicians: a choice-based conjoint analysis. European Journal of Information Systems, 0, , 1-17.	9.2	0
480	Asynchronous online focus groups for research with people living with amyotrophic lateral sclerosis and family caregivers: usefulness, acceptability and lessons learned. BMC Medical Research Methodology, 2023, 23, .	3.1	1
481	Cryptographic evidence-based cybersecurity for smart healthcare systems. Information Sciences, 2023, 649, 119633.	6.9	0
482	Alternating Current Electroluminescence for Human–Interactive Sensing Displays. Advanced Materials, 2024, 36, .	21.0	4
483	Obscuring Transaction Information in Decentralized P2P Wireless Networks. IEEE Access, 2023, 11, 111053-111067.	4.2	0
484	Digital Health and Telemedicine for Hypertension. , 2024, , 350-362.		0
485	Large language models and their impact in ophthalmology. The Lancet Digital Health, 2023, 5, e917-e924.	12.3	4
486	Federated Learning for Medical Applications: A Taxonomy, Current Trends, Challenges, and Future Research Directions. IEEE Internet of Things Journal, 2024, 11, 7374-7398.	8.7	5
487	The Role of Artificial Intelligence in Automated Data Analysis of the Kidney. , 2023, , 419-436.		0
488	Study of challenges in agile software development practices in non-government organizations in India. AIP Conference Proceedings, 2023, , .	0.4	0

#	ARTICLE	IF	CITATIONS
489	Validation of automated pipeline for the assessment of a motor speech disorder in amyotrophic lateral sclerosis (ALS). Digital Health, 2023, 9, .	1.8	0
490	Controlled noninvasive modulation of deep brain regions in humans. , 2024, 3, .		1
491	Breast cancer recurrence prediction with deep neural network and feature optimization. Automatika, 2024, 65, 343-360.	2.0	0
492	Clinical Information Retrieval: A Literature Review. Journal of Healthcare Informatics Research, 2024, 8, 313-352.	7.6	0
493	Cloud-Based Secure Electronic Medical Data Sharing System Using Blockchain Technology (Simulation) Tj ETQq0 0 0 rgBT /Overlock 10 2024, , 415-431.	0.5	0
494	Characterising user engagement with mHealth for chronic disease self-management and impact on machine learning performance. Npj Digital Medicine, 2024, 7, .	10.9	0
495	Implementing internet-delivered cognitive behavioural therapy in integrated care systems. British Journal of Health Care Management, 2024, 30, 1-5.	0.2	0