## An Emerging Era in the Management of Parkinson's Dis Internet of Things

IEEE Journal of Biomedical and Health Informatics 19, 1873-1881 DOI: 10.1109/jbhi.2015.2461555

**Citation Report** 

#	Article	IF	CITATIONS
1	Disposable, Paper-Based, Inkjet-Printed Humidity and H2S Gas Sensor for Passive Sensing Applications. Sensors, 2016, 16, 2073.	2.1	53
2	Technology in Parkinson's disease: Challenges and opportunities. Movement Disorders, 2016, 31, 1272-1282.	2.2	464
3	A clinical view on the development of technology-based tools in managing Parkinson's disease. Movement Disorders, 2016, 31, 1263-1271.	2.2	131
4	Validation of a Smartphone Application Measuring Motor Function in Parkinson's Disease. Journal of Parkinson's Disease, 2016, 6, 371-382.	1.5	44
5	Convolutional Neural Networks Applied for Parkinson's Disease Identification. Lecture Notes in Computer Science, 2016, , 377-390.	1.0	38
6	Performance assessment for mountain bike based on WSN and cloud technologies. , 2016, , .		4
7	Inclusive Smart Cities and Digital Health. Lecture Notes in Computer Science, 2016, , .	1.0	6
8	Free-living gait characteristics in ageing and Parkinson's disease: impact of environment and ambulatory bout length. Journal of NeuroEngineering and Rehabilitation, 2016, 13, 46.	2.4	228
9	Free-living monitoring of Parkinson's disease: Lessons from the field. Movement Disorders, 2016, 31, 1293-1313.	2.2	252
10	Moving Parkinson care to the home. Movement Disorders, 2016, 31, 1258-1262.	2.2	94
10	Moving Parkinson care to the home. Movement Disorders, 2016, 31, 1258-1262. Special Issue on The Internet of Things (IoT): Informatics Methods for IoT-enabled Health Care. Journal of Biomedical Informatics, 2016, 63, 404-405.	2.2 2.5	94 9
	Special Issue on The Internet of Things (IoT): Informatics Methods for IoT-enabled Health Care. Journal		
11	Special Issue on The Internet of Things (IoT): Informatics Methods for IoT-enabled Health Care. Journal of Biomedical Informatics, 2016, 63, 404-405. New methods for the assessment of Parkinson's disease (2005 to 2015): A systematic review. Movement	2.5	9
11 12	Special Issue on The Internet of Things (IoT): Informatics Methods for IoT-enabled Health Care. Journal of Biomedical Informatics, 2016, 63, 404-405. New methods for the assessment of Parkinson's disease (2005 to 2015): A systematic review. Movement Disorders, 2016, 31, 1283-1292. Recent machine learning advancements in sensor-based mobility analysis: Deep learning for	2.5	9 119
11 12 13	Special Issue on The Internet of Things (IoT): Informatics Methods for IoT-enabled Health Care. Journal of Biomedical Informatics, 2016, 63, 404-405. New methods for the assessment of Parkinson's disease (2005 to 2015): A systematic review. Movement Disorders, 2016, 31, 1283-1292. Recent machine learning advancements in sensor-based mobility analysis: Deep learning for Parkinson's disease assessment. , 2016, 2016, 655-658. The prediagnostic phase of Parkinson's disease. Journal of Neurology, Neurosurgery and Psychiatry,	2.5	9 119 99
11 12 13 15	Special Issue on The Internet of Things (IoT): Informatics Methods for IoT-enabled Health Care. Journal of Biomedical Informatics, 2016, 63, 404-405.   New methods for the assessment of Parkinson's disease (2005 to 2015): A systematic review. Movement Disorders, 2016, 31, 1283-1292.   Recent machine learning advancements in sensor-based mobility analysis: Deep learning for Parkinson's disease assessment., 2016, 2016, 655-658.   The prediagnostic phase of Parkinson's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 871-878.   Is the data on your wearable device secure? An Android Wear smartwatch case study. Software -	2.5 2.2 0.9	9 119 99 122
11 12 13 15 16	Special Issue on The Internet of Things (IoT): Informatics Methods for IoT-enabled Health Care. Journal of Biomedical Informatics, 2016, 63, 404-405.   New methods for the assessment of Parkinson's disease (2005 to 2015): A systematic review. Movement Disorders, 2016, 31, 1283-1292.   Recent machine learning advancements in sensor-based mobility analysis: Deep learning for Parkinson's disease assessment. , 2016, 2016, 655-658.   The prediagnostic phase of Parkinson's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 871-878.   Is the data on your wearable device secure? An Android Wear smartwatch case study. Software - Practice and Experience, 2017, 47, 391-403.   Classification of advanced stages of Parkinson's disease: translation into stratified treatments.	2.5 2.2 0.9 2.5	9 119 99 122 55

#	Article	IF	CITATIONS
20	Ethics of the health-related internet of things: a narrative review. Ethics and Information Technology, 2017, 19, 157-175.	2.3	86
21	A Survey of IoT Key Enabling and Future Technologies: 5G, Mobile IoT, Sematic Web and Applications. Wireless Personal Communications, 2017, 97, 1645-1675.	1.8	99
22	Internet of Things for Smart Healthcare: Technologies, Challenges, and Opportunities. IEEE Access, 2017, 5, 26521-26544.	2.6	771
23	3D printing the future: scenarios for supply chains reviewed. International Journal of Physical Distribution and Logistics Management, 2017, 47, 992-1014.	4.4	88
24	Technologies Assessing Limb Bradykinesia in Parkinson's Disease. Journal of Parkinson's Disease, 2017, 7, 65-77.	1.5	50
25	Designing the Health-Related Internet of Things: Ethical Principles and Guidelines. SSRN Electronic Journal, O, , .	0.4	4
26	Designing the Health-related Internet of Things: Ethical Principles and Guidelines. Information (Switzerland), 2017, 8, 77.	1.7	40
27	Wearable sensors objectively measure gait parameters in Parkinson's disease. PLoS ONE, 2017, 12, e0183989.	1.1	235
28	Patient-driven N-of-1 in Parkinson's Disease. Methods of Information in Medicine, 2017, 56, e123-e128.	0.7	18
29	Towards Mobile Gait Analysis: Concurrent Validity and Test-Retest Reliability of an Inertial Measurement System for the Assessment of Spatio-Temporal Gait Parameters. Sensors, 2017, 17, 1522.	2.1	113
30	Ethics of the Health-Related Internet of Things: Mapping the Debate. SSRN Electronic Journal, 2017, , .	0.4	1
31	Quantitative assessment of parkinsonian tremor based on a linear acceleration extraction algorithm. Biomedical Signal Processing and Control, 2018, 42, 53-62.	3.5	15
32	Enabling Technologies for the Internet of Health Things. IEEE Access, 2018, 6, 13129-13141.	2.6	299
33	How Can Heterogeneous Internet of Things Build Our Future: A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 2011-2027.	24.8	314
34	Mobile Stride Length Estimation With Deep Convolutional Neural Networks. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 354-362.	3.9	94
35	Wearable sensor devices for early detection of Alzheimer disease using dynamic time warping algorithm. Cluster Computing, 2018, 21, 681-690.	3.5	188
36	Deep learning for freezing of gait detection in Parkinson's disease patients in their homes using a waist-worn inertial measurement unit. Knowledge-Based Systems, 2018, 139, 119-131.	4.0	151
37	A Survey on 5G Networks for the Internet of Things: Communication Technologies and Challenges. IEEE Access, 2018, 6, 3619-3647.	2.6	920

#	Article	IF	CITATIONS
38	Towards remote monitoring of Parkinson's disease tremor using wearable motion capture systems. Journal of the Neurological Sciences, 2018, 384, 38-45.	0.3	76
39	Non-invasive Methods in the Detection of Coronary Artery Disease. , 2018, , .		2
40	Development of a Generic Secure Framework for Universal Device Interactions in IoT of Fifth Generation Networks. , 2018, , .		0
41	Flexible and wearable optical pressure sensor using 3D polymer directional coupler. , 2018, , .		Ο
42	A Proposal for New Algorithm that Defines Gait-Induced Acceleration and Gait Cycle in Daily Parkinsonian Gait Disorders. , 0, , .		3
43	IoT based continuous monitoring of cardiac patients using Raspberry Pi. AIP Conference Proceedings, 2018, , .	0.3	5
44	Management of Parkinson's Disease 20 Years from Now: Towards Digital Health Pathways. Journal of Parkinson's Disease, 2018, 8, S85-S94.	1.5	46
45	Ambient Intelligence Based Vision to At-Home Laboratory for Personalized Monitoring and Assessment of Motion-Cognitive State in Elderly. , 2018, , .		1
46	Patient Monitoring System Using Cognitive Internet of Things. Journal of Medical Systems, 2018, 42, 229.	2.2	12
47	FPGA-Embedded Serial SVM Classifier for Neuromuscular Disorders Assessment. , 2018, , .		0
48	On Detecting Freezing-of-Gait Through Sensor Data Fusion Using Evidence Theory. , 2018, , .		0
49	Role of the Personal KinetiGraph in the routine clinical assessment of Parkinson's disease: recommendations from an expert panel. Expert Review of Neurotherapeutics, 2018, 18, 669-680.	1.4	42
50	Segmentation of Gait Sequences in Sensor-Based Movement Analysis: A Comparison of Methods in Parkinson's Disease. Sensors, 2018, 18, 145.	2.1	52
51	Robust Stride Segmentation of Inertial Signals Based on Local Cyclicity Estimation. Sensors, 2018, 18, 1091.	2.1	10
52	Sensorâ€based gait analysis in atypical parkinsonian disorders. Brain and Behavior, 2018, 8, e00977.	1.0	43
53	Is there a duty to participate in digital epidemiology?. Life Sciences, Society and Policy, 2018, 14, 9.	3.1	19
54	A Community-Based IoT Personalized Wireless Healthcare Solution Trial. IEEE Journal of Translational Engineering in Health and Medicine, 2018, 6, 1-13.	2.2	102
55	IMU-Based Classification of Parkinson's Disease From Gait: A Sensitivity Analysis on Sensor Location and Feature Selection. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1765-1774.	3.9	141

#	Article	IF	CITATIONS
56	Internet of Health Things: Toward intelligent vital signs monitoring in hospital wards. Artificial Intelligence in Medicine, 2018, 89, 61-69.	3.8	187
57	Automated Systems Based on Wearable Sensors for the Management of Parkinson's Disease at Home: A Systematic Review. Telemedicine Journal and E-Health, 2019, 25, 167-183.	1.6	31
58	Computer-Vision Based Diagnosis of Parkinson's Disease via Gait: A Survey. IEEE Access, 2019, 7, 156620-156645.	2.6	30
59	A multi-protocol system for configurable data streaming on IoT healthcare devices. , 2019, , .		6
60	Windows into human health through wearables data analytics. Current Opinion in Biomedical Engineering, 2019, 9, 28-46.	1.8	101
61	Innovation in surgery/operating room driven by Internet of Things on medical devices. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 3469-3477.	1.3	30
62	The Diagnostic Scope of Sensor-Based Gait Analysis in Atypical Parkinsonism: Further Observations. Frontiers in Neurology, 2019, 10, 5.	1.1	25
63	Application of Machine Learning in a Parkinson's Disease Digital Biomarker Dataset Using Neural Network Construction (NNC) Methodology Discriminates Patient Motor Status. Frontiers in ICT, 2019, 6, .	3.6	22
64	Internet of Things: An Opportunity for Advancing Universal Access. Human-computer Interaction Series, 2019, , 777-790.	0.4	5
65	Discovering and Visualizing Knowledge Evolution of Chronic Disease Research Driven by Emerging Technologies. IEEE Access, 2019, 7, 72994-73003.	2.6	10
66	An IoT System for Remote Health Monitoring in Elderly Adults through a Wearable Device and Mobile Application. Geriatrics (Switzerland), 2019, 4, 34.	0.6	68
67	Getting loT-ready. , 2019, , 29-57.		6
68	Real-Time Healthcare Data Transmission for Remote Patient Monitoring in Patch-Based Hybrid OCC/BLE Networks. Sensors, 2019, 19, 1208.	2.1	46
69	Wearable and Wireless Systems with Internet Connectivity for Quantification of Parkinson's Disease and Essential Tremor Characteristics. Smart Sensors, Measurement and Instrumentation, 2019, , 79-97.	0.4	7
70	IP mobility adoption in e-health services: a solution to modern healthcare monitoring system. International Journal of Healthcare Technology and Management, 2019, 17, 278.	0.1	0
71	Temporal Variables Disorder of The Gait Cycle in Parkinsonâ $\in$ Ms Disease. , 2019, , .		1
72	Gait Classification Using Mahalanobis–Taguchi System for Health Monitoring Systems Following Anterior Cruciate Ligament Reconstruction. Applied Sciences (Switzerland), 2019, 9, 3306.	1.3	10
73	Health Monitoring in Smart Homes Utilizing Internet of Things. , 2019, , .		9

#	Article	IF	CITATIONS
74	A survey on computer-assisted Parkinson's Disease diagnosis. Artificial Intelligence in Medicine, 2019, 95, 48-63.	3.8	98
75	The Internet of Things: A Review of Enabled Technologies and Future Challenges. IEEE Access, 2019, 7, 7606-7640.	2.6	152
76	Computer model for leg agility quantification and assessment for Parkinson's disease patients. Medical and Biological Engineering and Computing, 2019, 57, 463-476.	1.6	10
77	Internet of things in the assessment, diagnostics and treatment of Parkinson's disease. Health and Technology, 2019, 9, 87-91.	2.1	5
78	A typical IoT architecture-based regular monitoring of arthritis disease using time wrapping algorithm. International Journal of Computers and Applications, 2020, 42, 222-232.	0.8	42
79	An Overview of Internet of Dental Things: New Frontier in Advanced Dentistry. Wireless Personal Communications, 2020, 110, 1345-1371.	1.8	27
80	Multilevel Features for Sensor-Based Assessment of Motor Fluctuation in Parkinson's Disease Subjects. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1284-1295.	3.9	12
81	Metadata Concepts for Advancing the Use of Digital Health Technologies in Clinical Research. Digital Biomarkers, 2020, 3, 116-132.	2.2	30
82	The Effects of Music-Contingent Gait Training on Cognition and Mood in Parkinson Disease: A Feasibility Study. Neurorehabilitation and Neural Repair, 2020, 34, 82-92.	1.4	17
83	Block-healthnet: security based healthcare system using block-chain technology. Security Journal, 2022, 35, 19-37.	1.0	5
84	COVID-SAFE: An IoT-Based System for Automated Health Monitoring and Surveillance in Post-Pandemic Life. IEEE Access, 2020, 8, 188538-188551.	2.6	146
85	Information processing in Internet of Things using big data analytics. Computer Communications, 2020, 160, 718-729.	3.1	13
86	Data security for WBAN in e-health IoT applications. , 2020, , 205-218.		3
87	Toward Semantic IoT Load Inference Attention Management for Facilitating Healthcare and Public Health Collaboration: A Survey. Procedia Computer Science, 2020, 177, 371-378.	1.2	7
88	Wearable-sensors Based Activity Recognition for Smart Human Healthcare Using Internet of Things. , 2020, , .		10
89	Technological Features of Internet of Things in Medicine: A Systematic Mapping Study. Wireless Communications and Mobile Computing, 2020, 2020, 1-27.	0.8	11
90	Measurement of Tidal Tilt by a Micromechanical Inertial Sensor Employing Quasi-Zero- Stiffness Mechanism. Journal of Microelectromechanical Systems, 2020, 29, 1322-1331.	1.7	21
91	IoT and ICT for Healthcare Applications. EAI/Springer Innovations in Communication and Computing, 2020, , .	0.9	2

#	ARTICLE Clinical Relevance of Standardized Mobile Gait Tests. Reliability Analysis Between Gait Recordings at	IF	Citations
92	Hospital and Home in Parkinson's Disease: A Pilot Study. Journal of Parkinson's Disease, 2020, 10, 1763-1773.	1.5	18
93	Internet of Medical Things for Smart Healthcare. Studies in Big Data, 2020, , .	0.8	13
94	A Multi-Sensor Wearable System for the Quantitative Assessment of Parkinson's Disease. Sensors, 2020, 20, 6146.	2.1	11
95	Comprehensive Investigation on IoT based Smart HealthCare System. , 2020, , .		6
96	Wearable Solutions for Patients with Parkinson's Disease and Neurocognitive Disorder: A Systematic Review. Sensors, 2020, 20, 2713.	2.1	71
97	A Survey and Tutorial on "Connection Exploding Meets Efficient Communication―in the Internet of Things. IEEE Internet of Things Journal, 2020, 7, 10733-10744.	5.5	13
98	A Survey on Trend and Classification of Internet of Things Reviews. IEEE Access, 2020, 8, 111763-111782.	2.6	85
99	Heuristic Evaluation of an IoMT System for Remote Health Monitoring in Senior Care. International Journal of Environmental Research and Public Health, 2020, 17, 1586.	1.2	23
100	Artificial Intelligence Recommendation System of Cancer Rehabilitation Scheme Based on IoT Technology. IEEE Access, 2020, 8, 44924-44935.	2.6	25
101	Open ecosystem for future industrial Internet of things (IIoT): Architecture and application. CSEE Journal of Power and Energy Systems, 2020, , .	1.7	13
102	A Review on Human Healthcare Internet of Things: A Technical Perspective. SN Computer Science, 2020, 1, 1.	2.3	30
103	Internet of things in medicine: A systematic mapping study. Journal of Biomedical Informatics, 2020, 103, 103383.	2.5	87
105	Optimal feature extraction and classification-oriented medical insurance prediction model: machine learning integrated with the internet of things. International Journal of Computers and Applications, 2022, 44, 278-290.	0.8	57
106	Gait variability as digital biomarker of disease severity in Huntington's disease. Journal of Neurology, 2020, 267, 1594-1601.	1.8	34
107	Chiral Plasmonics and Their Potential for Point-of-Care Biosensing Applications. Sensors, 2020, 20, 944.	2.1	30
108	Emerging trends in IoT and big data analytics for biomedical and health care technologies. , 2020, , 121-152.		55
109	Wearables and the Internet of Things (IoT), Applications, Opportunities, and Challenges: A Survey. IEEE Access, 2020, 8, 69200-69211.	2.6	176
110	Microfluidic Point-of-Care Devices: New Trends and Future Prospects for eHealth Diagnostics. Sensors, 2020, 20, 1951.	2.1	119

#	Article	IF	CITATIONS
111	mHealth Technologies Towards Parkinson's Disease Detection and Monitoring in Daily Life: A Comprehensive Review. IEEE Reviews in Biomedical Engineering, 2021, 14, 71-81.	13.1	18
112	Internet of Things for Healthcare Technologies. Studies in Big Data, 2021, , .	0.8	9
114	A Win–Win Mode: The Complementary and Coexistence of 5G Networks and Edge Computing. IEEE Internet of Things Journal, 2021, 8, 3983-4003.	5.5	11
115	Adaptive body movement system for wearable IoT instruments based on matrix vector parameter estimation. Measurement: Journal of the International Measurement Confederation, 2021, 169, 108350.	2.5	1
116	Healthcare technology trade-offs for IoT ecosystems from a developing country perspective: case of Egypt. , 2021, , 313-331.		3
117	Internet of things in health management systems: A review. International Journal of Communication Systems, 2021, 34, e4683.	1.6	16
118	IoT-based telemedicine for disease prevention and health promotion: State-of-the-Art. Journal of Network and Computer Applications, 2021, 173, 102873.	5.8	141
119	An Integrated Deep Learning Algorithm for Detecting Lung Nodules With Low-Dose CT and Its Application in 6G-Enabled Internet of Medical Things. IEEE Internet of Things Journal, 2021, 8, 5274-5284.	5.5	22
120	Distributed Deep Learning Optimized System over the Cloud and Smart Phone Devices. IEEE Transactions on Mobile Computing, 2021, 20, 147-161.	3.9	16
121	Comparative Analysis of GUI-Based Prediction of Parkinson Disease by Speech Using Machine Learning Approach. Lecture Notes in Electrical Engineering, 2021, , 491-499.	0.3	Ο
123	Exploring the significant applications of Internet of Things (IoT) with 3D printing using advanced materials in medical field. Materials Today: Proceedings, 2021, 45, 4844-4851.	0.9	32
124	Smart Sensor Technologies for Healthcare Systems. Internet of Things, 2021, , 159-180.	1.3	Ο
125	Humanoid Robot Based Platform to Evaluate the Efficacy of Using Inertial Sensors for Spasticity Assessment in Cerebral Palsy. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 254-263.	3.9	1
127	Internet of Things for Healthcare: An Intelligent and Energy Efficient Position Detection Algorithm. IEEE Transactions on Industrial Informatics, 2022, 18, 5458-5465.	7.2	6
128	Profile Matching for IoMT: A Verifiable Private Set Intersection Scheme. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3794-3803.	3.9	15
129	Parallel machine learning and deep learning approaches for internet of medical things (IoMT). , 2021, , 89-103.		2
130	Low-Cost Smartphone-Controlled Remote Sensing IoT Robot. Lecture Notes in Networks and Systems, 2021, , 569-576.	0.5	4
131	Well Control Space Out: A Deep-Learning Approach for the Optimization of Drilling Safety Operations. IEEE Access, 2021, 9, 76479-76492.	2.6	9

#	Article	IF	CITATIONS
132	An IoT and Smartphone-Based Real-Time Analysis on Pulse Rate and Spo2 using Fog-to-cloud Architecture. , 2021, , .		6
133	Identification of gene variant associated with Parkinson's disease using genomic databases. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	3.3	0
134	IoT-Based Smart Healthcare System: A Review on Constituent Technologies. Journal of Circuits, Systems and Computers, 2021, 30, 2130008.	1.0	9
135	Detecting Parkinson's Disease from Wrist-Worn Accelerometry in the U.K. Biobank. Sensors, 2021, 21, 2047.	2.1	20
136	Internet of Things (IoT) enabled healthcare helps to take the challenges of COVID-19 Pandemic. Journal of Oral Biology and Craniofacial Research, 2021, 11, 209-214.	0.8	225
137	A Smartcard-Based User-Controlled Single Sign-On for Privacy Preservation in 5G-IoT Telemedicine Systems. Sensors, 2021, 21, 2880.	2.1	19
138	Quasistatic direct electromechanical responses from as-electrospun submicron/micron fiber mats of several polymers. Polymer, 2021, 224, 123732.	1.8	4
139	Smart Health and Cybersecurity in the Era of Artificial Intelligence. , 0, , .		0
140	The Security of Medical Data on Internet Based on Differential Privacy Technology. ACM Transactions on Internet Technology, 2021, 21, 1-18.	3.0	23
142	Artificial intelligence in neurodegenerative diseases: A review of available tools with a focus on machine learning techniques. Artificial Intelligence in Medicine, 2021, 117, 102081.	3.8	53
144	Domotics, Smart Homes, and Parkinson's Disease. Journal of Parkinson's Disease, 2021, 11, S55-S63.	1.5	7
145	Challenges in the Adaptation of IoT Technology. Intelligent Systems Reference Library, 2022, , 347-369.	1.0	3
146	AloTES: Setting the principles for semantic interoperable and modern IoT-enabled reference architecture for Active and Healthy Ageing ecosystems. Computer Communications, 2021, 177, 96-111.	3.1	8
147	Functional gait measures correlate to fear of falling, and quality of life in patients with Hereditary Spastic Paraplegia: A cross-sectional study. Clinical Neurology and Neurosurgery, 2021, 209, 106888.	0.6	10
148	Internet of Things in Healthcare: A Survey of Telemedicine Systems Used for Elderly People. Studies in Computational Intelligence, 2021, , 69-88.	0.7	8
149	A Survey on Applications of Internet of Things in Healthcare. Intelligent Systems Reference Library, 2020, , 89-106.	1.0	8
150	IoT Enabled Technology in Secured Healthcare: Applications, Challenges and Future Directions. Studies in Systems, Decision and Control, 2021, , 25-48.	0.8	44
151	IoMT-Based Smart Diagnostic/Therapeutic Kit for Pandemic Patients. Studies in Big Data, 2020, , 141-165.	0.8	5

#	Article	IF	Citations
152	Integration of Genomic Data with EHR Using IoT. , 2020, , .		3
153	Parkinson's disease as a Working Model for Global Healthcare Restructuration: The Internet of Things and Wearables Technologies. , 2015, , .		7
155	Wearable Sensors and Healthcare Informatics Solutions in Non- Communicable Diseases (Ncds) Prevention and Management in Africa. Journal of Health & Medical Informatics, 2016, 07, .	0.2	3
156	IoT BASED SMART HEALTH MONITORING SYSTEM. I-manager's Journal on Electronics Engineering, 2019, 9, 8.	0.0	2
157	Patients' attitudes toward the use of IoT medical devices: empirical evidence from Romania. Proceedings of the International Conference on Business Excellence, 2019, 13, 567-577.	0.1	4
160	The Interoperability of Fog and IoT in Healthcare Domain: Architecture, Application, and Challenges. Signals and Communication Technology, 2021, , 535-561.	0.4	1
161	Surveillance in Next-Generation Personalized Healthcare: Science and Ethics of Data Analytics in Healthcare. New Bioethics, 2021, 27, 295-319.	0.5	3
162	Internet of Dental Things (IoDT), Intraoral Wireless Sensors, and Teledentistry: A Novel Model for Prevention of Dental Caries. Wireless Personal Communications, 2022, 123, 3263-3274.	1.8	3
163	Parkinson's Disease Detection Using FMRI Images Leveraging Transfer Learning on Convolutional Neural Network. , 2020, , .		2
164	Ambient Assisted Living At-Home Laboratory for Motor Status Diagnostics in Parkinson's Disease Patients and Aged People. Advances in Computer and Electrical Engineering Book Series, 2020, , 176-201.	0.2	1
165	Validation of Wearable Devices to Measure Energy Consumption. The Asian Journal of Kinesiology, 2020, 22, 33-37.	0.1	0
166	Internet of Things (IoT) and PKI-Based Security Architecture. Advances in Computer and Electrical Engineering Book Series, 2020, , 25-46.	0.2	2
167	An Intelligent IoT-Based Health Monitoring System for Tribal People. Advances in Medical Technologies and Clinical Practice Book Series, 2020, , 137-149.	0.3	0
168	Emerging IoT Technologies in Smart Healthcare. EAI/Springer Innovations in Communication and Computing, 2020, , 3-10.	0.9	1
169	Implantable and Wearable Neuroengineering Education: A Review of Postgraduate Programmes. IEEE Access, 2020, 8, 212396-212408.	2.6	4
171	An Internet of Things Inspired Approach for Enhancing Reliability in Healthcare Monitoring. EAI/Springer Innovations in Communication and Computing, 2021, , 155-168.	0.9	0
173	Smart home technology for geriatric rehabilitation and the Internet of Things. , 2022, , 25-42.		1
174	Neurodegenerative disorders management: state-of-art and prospects of nano-biotechnology. Critical Reviews in Biotechnology, 2022, 42, 1180-1212.	5.1	22

#	Article	IF	CITATIONS
175	Acceptance and perception of digital health for managing nutrition in people with Parkinson's disease and their caregivers and their digital competence in the United States: A mixedâ€methods study. Health Science Reports, 2021, 4, e412.	0.6	3
176	An Effective Communication Prototype for Time-Critical IIoT Manufacturing Factories Using Zero-Loss Redundancy Protocols, Time-Sensitive Networking, and Edge-Computing in an Industry 4.0 Environment. Processes, 2021, 9, 2084.	1.3	9
177	Personal digital health in Parkinson's disease: Case histories and commentary. Digital Health, 2021, 7, 205520762110619.	0.9	2
178	A study of fall detection monitoring system for elderly people through IOT and mobile based application devices in indoor environment. , 2020, , .		7
179	SensMask: An Intelligent Mask for Assisting Patients during COVID-19 Emergencies. Computacion Y Sistemas, 2021, 25, .	0.2	3
180	Attention-Based Deep Learning Model for Early Detection of Parkinson's Disease. Computers, Materials and Continua, 2022, 71, 5183-5200.	1.5	Ο
181	Big Data Analytics of IoT-Based Cloud System Framework: Smart Healthcare Monitoring Systems. Internet of Things, 2022, , 181-208.	1.3	12
182	Adult-Onset Leukoencephalopathy With Axonal Spheroids and Pigmented Glia: Review of Clinical Manifestations as Foundations for Therapeutic Development. Frontiers in Neurology, 2021, 12, 788168.	1.1	24
184	Gerontecnologias e internet das coisas para prevenção de quedas em idosos: revisão integrativa. ACTA Paulista De Enfermagem, 2022, 35, .	0.1	1
185	Vision-Based Finger Tapping Test in Patients With Parkinson's Disease via Spatial-Temporal 3D Hand Pose Estimation. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 3848-3859.	3.9	18
186	Internet of Things Technologies and Machine Learning Methods for Parkinson's Disease Diagnosis, Monitoring and Management: A Systematic Review. Sensors, 2022, 22, 1799.	2.1	33
188	The Diverse Gait Dataset: Gait Segmentation Using Inertial Sensors for Pedestrian Localization with Different Genders, Heights and Walking Speeds. Sensors, 2022, 22, 1678.	2.1	12
189	A systematic review on Data Mining Application in Parkinson's disease. Neuroscience Informatics, 2022, 2, 100064.	2.8	2
191	Technology Acceptance and Usability of a Mobile App to Support the Workflow of Health Care Aides Who Provide Services to Older Adults: Pilot Mixed Methods Study. JMIR Aging, 2022, 5, e37521.	1.4	15
192	Ambient Assisted Living At-Home Laboratory for Motor Status Diagnostics in Parkinson's Disease Patients and Aged People. , 2022, , 836-862.		2
193	Artificial Intelligence-Driven Intrusion Detection in Software-Defined Wireless Sensor Networks: Towards Secure IoT-Enabled Healthcare Systems. International Journal of Environmental Research and Public Health, 2022, 19, 5367.	1.2	6
195	Developing a Smart Home Technology Innovation for People With Physical and Mental Health Problems: Considerations and Recommendations. JMIR MHealth and UHealth, 2022, 10, e25116.	1.8	6
196	How the study of digital footprints can supplement research in behavioral genetics and molecular psychology. , 0, 1, 2.		5

#	Article	IF	CITATIONS
197	Acceptability of an In-home Multimodal Sensor Platform for Parkinson Disease: Nonrandomized Qualitative Study. JMIR Human Factors, 2022, 9, e36370.	1.0	6
198	Chipless RFID Sensors for IoT-Based Healthcare Applications: A Review of State of the Art. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-20.	2.4	17
199	Toward Improved Treatment and Empowerment of Individuals With Parkinson Disease: Design and Evaluation of an Internet of Things System. JMIR Formative Research, 2022, 6, e31485.	0.7	2
200	Wearable Walking Assistant for Freezing of Gait With Environmental IoT Monitoring: A Contribution to the Discussion. Frontiers in Public Health, 0, 10, .	1.3	1
201	Wearable Sensors and Machine Intelligence for Smart Healthcare. Smart Computing and Intelligence, 2022, , 3-22.	0.7	1
202	IMU-Based Monitoring for Assistive Diagnosis and Management of IoHT: A Review. Healthcare (Switzerland), 2022, 10, 1210.	1.0	10
204	Trading app analyzer using implanted sensing technique in IoT via blockchain-based networks. International Journal of Health Sciences, 0, , 8989-8998.	0.0	1
205	IoT-Enabled smart mask to detect COVID19 outbreak. Health and Technology, 2022, 12, 1025-1036.	2.1	10
206	Enabling Artificial Intelligence of Things (AIoT) Healthcare Architectures and Listing Security Issues. Computational Intelligence and Neuroscience, 2022, 2022, 1-14.	1.1	32
207	Explainable AI for Healthcare 5.0: Opportunities and Challenges. IEEE Access, 2022, 10, 84486-84517.	2.6	66
208	IoT-Based COVID-19 Diagnosing and Monitoring Systems: A Survey. IEEE Access, 2022, 10, 87168-87181.	2.6	4
209	Parkinson's disease: A pilot interventional studyBradykinesia and rigidity are prototypical motor impairments of Parkinson's disease (PD) highly influencing everyday life. Exercise training is an effective treatment alternative for motor symptoms, complementing dopaminergic medication. High frequency training is necessary to yield clinically relevant improvements. Exercise programs need to	1.1	3
210	be tailored to indivi. JMIR Rehabilitation and Assistive Technologies, 0, , . An insight into applications of deep learning in neuroimaging. , 2023, , 323-340.		0
211	Health Data Availability Protection: Delta-XOR-Relay Data Update in Erasure-Coded Cloud Storage Systems. CMES - Computer Modeling in Engineering and Sciences, 2023, 135, 169-185.	0.8	0
212	Impact of Internet of Things (IoT) in Healthcare: Challenges and Application. , 2022, , .		0
213	E-Adoption of Emerging Technology in the Health Sector During COVID-19. International Journal of E-Adoption, 2022, 14, 1-15.	1.0	Ο
214	A Comprehensive Review on Smart Health Care: Applications, Paradigms, and Challenges with Case Studies. Contrast Media and Molecular Imaging, 2022, 2022, 1-18.	0.4	8
215	Developing the max-min power control algorithm for distributed wireless body area networks. AEU - International Journal of Electronics and Communications, 2023, 158, 154448.	1.7	6

#	Article	IF	CITATIONS
216	Enabling Ambient Intelligence of Things (AloT) healthcare system architectures. Computer Communications, 2023, 198, 186-194.	3.1	9
217	3D Simulation of MMA Punch Motion Tracking Using Wearable Inertia Measurement Unit Sensors in LabVIEW. , 2022, , .		0
218	Using Health Sensors, Internet of Things (IoT), and Machine Learning to Determine the Potential Dangers Older People Pose to Society. , 2022, , .		0
219	A Method Combining Multi-Feature Fusion and Optimized Deep Belief Network for EMG-Based Human Gait Classification. Mathematics, 2022, 10, 4387.	1.1	5
220	Detection of Parkinson's Disease Using Wrist Accelerometer Data and Passive Monitoring. Sensors, 2022, 22, 9122.	2.1	1
221	A Review on Security Issues and Solutions for Precision Health in Internet-of-Medical-Things Systems. , 0, , .		0
223	Leveraging Computational Intelligence Techniques for Diagnosing Degenerative Nerve Diseases: A Comprehensive Review, Open Challenges, and Future Research Directions. Diagnostics, 2023, 13, 288.	1.3	4
224	A review of advanced technologies available to improve the healthcare performance during COVID-19 pandemic. Procedia Computer Science, 2023, 217, 205-216.	1.2	7
225	A Study on Power Control Algorithms for Wireless Body Area Networks. , 2022, , .		1
226	A Review of Commercial and Non-Commercial Wearables Devices for Monitoring Motor Impairments Caused by Neurodegenerative Diseases. Biosensors, 2023, 13, 72.	2.3	1
227	Blockchain-Based Internet of Medical Things. Applied Sciences (Switzerland), 2023, 13, 1287.	1.3	11
228	RDSF—Responsive Data-Sharing Framework for User-Centric Internet of Vehicles Assisted Healthcare Systems. Multimedia Tools and Applications, 0, , .	2.6	0
229	A Comprehensive Review on Al-Enabled Models for Parkinson's Disease Diagnosis. Electronics (Switzerland), 2023, 12, 783.	1.8	13
230	Low-Cost IOT Based Healthcare Management System In Remote Areas. , 2022, , .		0
231	A Review of Multiple Prognosticate Techniques for Parkinson's Disease. , 2023, , .		0
232	IoTâ€based systemic lupus erythematosus prediction model using hybrid genetic algorithm integrated with ANN. ETRI Journal, 0, , .	1.2	0
233	Blockchain-based internet of medical things (IoMT) for healthcare management. I-manager's Journal on Cloud Computing, 2022, 9, 21.	1.2	0
234	Al-Based Internet of Things (AloT). Advances in Computational Intelligence and Robotics Book Series, 2023, , 105-130.	0.4	1

		n Report	
#	Article	IF	CITATIONS
235	Statistical modeling enabled design of high-performance conductive composite fiber materials for energy harvesting and self-powered sensing. Chemical Engineering Journal, 2023, 466, 143052.	6.6	3
236	Future Perspectives for Automated Neurodegenerative Disorders Diagnosis: Challenges and Possible Research Directions. Cognitive Technologies, 2023, , 255-267.	0.5	Ο
237	A secure and efficient two-factor authentication protocol (SET-AP) for body sensor networks in IoT-enabled healthcare systems. , 2023, , 279-300.		0
238	Data-driven intelligent Medical Internet of Things (MIoT) based healthcare solutions for secured smart cities. , 2023, , 247-278.		О
245	Diagnosing Methods of Parkinson's Disease. Advances in Medical Diagnosis, Treatment, and Care, 2023, , 46-63.	0.1	0
248	The Role of Internet of Things (IoT) in Healthcare: Applications and Implementation. , 2023, , 59-64.		0
251	Healthcare Applications Centered on AloT. , 2023, , 273-289.		0
252	Intelligent Monitoring System Based on ATmega Microcontrollers in Healthcare with Stress Reduce Effect. , 2023, , 51-71.		0
253	An IoT Integrated Machine Learning Approach for Consistent Monitoring and Treatment of Parkinson's Disease. , 2023, , .		0
254	Unmasking the Movements. Advances in Medical Technologies and Clinical Practice Book Series, 2024, , 70-92.	0.3	Ο
255	Predicting Parkinson's Disease Risk Through Protein and Peptide Level Analysis: An Evidence from EDA and Machine Learning Based Approach. , 2023, , .		0
256	Parkinson Disease Screening Using UNET Neural Network and BWO Based on Hand Drawn Pattern. Lecture Notes in Electrical Engineering, 2024, , 477-491.	0.3	0
257	Intelligent and Energy-Efficient Approach for Detecting Patient Locations. , 2024, , .		0