IoT-based intelligent fitness system

Citation Report

#	Article	IF	Citations
2	Intelligent Exercise Guidance System Based on Smart Clothing. Journal of Medical and Biological Engineering, 2019, 39, 702-712.	1.8	8
3	Human-Centric AI for Trustworthy IoT Systems With Explainable Multilayer Perceptrons. IEEE Access, 2019, 7, 125562-125574.	4.2	45
4	Self-Organizing Approximation Command Filtered Backstepping Control for Higher Order SISO Systems in Internet of Things. IEEE Access, 2019, 7, 5400-5411.	4.2	1
5	A proposal for Internet of Smart Home Things based on BCI system to aid patients with amyotrophic lateral sclerosis. Neural Computing and Applications, 2020, 32, 11007-11017.	5.6	21
6	The implementation of an IoT-based exercise improvement system. Journal of Supercomputing, 2020, 76, 6361-6375.	3.6	7
7	Bibliometric Analysis of Scientific Productivity around Edge Computing and the Internet of Things. IoT, 2020, 1, 436-450.	3.8	3
8	Application Experiences Using IoT Devices in Education. Applied Sciences (Switzerland), 2020, 10, 7286.	2.5	23
9	Augmenting Banking and FinTech with Intelligent Internet of Things Technology. , 2020, , .		6
10	User experience design for a smart-mirror-based personalized training system. Multimedia Tools and Applications, 2021, 80, 31159-31181.	3.9	11
11	Evaluation of the quality of enriched meat products and the possibility of its application in the fitness industry. IOP Conference Series: Materials Science and Engineering, 2020, 940, 012075.	0.6	0
12	Evaluating Distinct Sensations by Modulating High-Frequency Electrotactile Pulses for Unobtrusive Communication with IoT Devices. , 2020, , .		3
13	Emerging trends in IoT and big data analytics for biomedical and health care technologies. , 2020, , 121-152.		55
14	Adaptive Model IoT for Monitoring in Data Centers. IEEE Access, 2020, 8, 5622-5634.	4.2	10
15	Use of artificial intelligence in precision nutrition and fitness. , 2020, , 465-496.		17
16	Internet of Things for Healthcare Technologies. Studies in Big Data, 2021, , .	1.1	9
17	Fog-Centric IoT Based Framework for Healthcare Monitoring, Management and Early Warning System. IEEE Access, 2021, 9, 74168-74179.	4.2	30
18	MAC Protocols for IEEE 802.11ah-Based Internet of Things: A Survey. IEEE Internet of Things Journal, 2022, 9, 916-938.	8.7	17
19	The development path of home fitness among Chinese citizens after COVID-19 pandemic: A perspective of network technology and information dissemination. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
21	Cloud based ensemble machine learning approach for smart detection of epileptic seizures using higher order spectral analysis. Physical and Engineering Sciences in Medicine, 2021, 44, 313-324.	2.4	16
22	Privacy and security framework for health care systems in IoT: originating at architecture through application. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	4.9	2
23	Trends, benefits, risks, and challenges of IoT implementation in residential and commercial buildings. Energy and Built Environment, 2022, 3, 251-266.	5.9	50
24	Application of Internet of Things and artificial intelligence for smart fitness: A survey. Computer Networks, 2021, 189, 107859.	5.1	59
25	Design and implementation of wearable medical monitoring system on the internet of things. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	4.9	4
26	A Survey on Recommender Systems for Internet of Things: Techniques, Applications and Future Directions. Computer Journal, 2022, 65, 2098-2132.	2.4	19
27	A Review on Future Beyond Human Intelligence Using Technology. SAMRIDDHI A Journal of Physical Sciences Engineering and Technology, 2021, 13, 57-62.	0.1	0
28	A Comprehensive Study of Recommender Systems for the Internet of Things. Journal of Physics: Conference Series, 2021, 1969, 012045.	0.4	4
29	Quantified Self: From Self-Learning to Machine Learning. IT Professional, 2021, 23, 69-74.	1.5	0
30	Wearable sensor based acoustic gait analysis using phase transition-based optimization algorithm on IoT. International Journal of Speech Technology, 0, , 1.	2.2	13
31	A Decision Tree-Based Smart Fitness Framework in IoT. SN Computer Science, 2022, 3, 1.	3.6	3
32	Akıllı ve Geleneksel Giyilebilir Sağlık Cihazlarında Nesnelerin İnterneti. Journal of Polytechnic, 0, , .	0.7	7
36	Optimization of the diet for fitness club visitors. , 2020, , .		0
37	Intelligent Personal Health Monitoring and Guidance Using Long Short-Term Memory. Journal of Mobile Multimedia, 0, , .	0.9	1
38	Remote Body Fitness Monitoring System with Inter-User/Multi-user tracking Software Applications and Social Distancing Warning Sensor. , 2020, , .		5
39	IoT and AI based intelligent system to fight against COVID-19. , 2021, , .		0
40	An Integrated Exploration on Internet of Things and Wireless Sensor Networks. Wireless Personal Communications, 2022, 124, 2735-2770.	2.7	31
41	Application of intelligent real-time image processing in fitness motion detection under internet of things. Journal of Supercomputing, 2022, 78, 7788-7804.	3.6	9

#	ARTICLE	IF	CITATIONS
42	Two-layer LSTM network-based prediction of epileptic seizures using EEG spectral features. Complex & Intelligent Systems, 2022, 8, 2405-2418.	6.5	38
43	Predicting Epileptic Seizures from EEG Spectral Band Features Using Convolutional Neural Network. Wireless Personal Communications, 2022, 125, 2667-2684.	2.7	7
44	Analysis of Intelligent Guidance System in English Speech Scenario Under the Background of Big Data. , 2021, , .		0
45	Research on Intelligent Bodybuilding System Based on Machine Learning. Journal of Sensors, 2022, 2022, 1-8.	1.1	2
46	RecIoT: A Deep Insight into IoT-Based Smart Recommender Systems. Wireless Communications and Mobile Computing, 2022, 2022, 1-15.	1.2	3
47	Semantic models for IoT sensing to infer environment–wellness relationships. Future Generation Computer Systems, 2023, 140, 1-17.	7.5	8
48	Privacy-Preserving Personalized Fitness Recommender System <i> P ³ FitRec </i> : A Multi-level Deep Learning Approach. ACM Transactions on Knowledge Discovery From Data, 2023, 17, 1-24.	3.5	2
49	Deep learning based epileptic seizure detection with EEG data. International Journal of Systems Assurance Engineering and Management, 0, , .	2.4	5
50	Virtual IMU Data Augmentation by Spring-Joint Model for Motion Exercises Recognition without Using Real Data. , 2022, , .		3
51	Design of Metaverse-Based Physical Fitness Service for the Enhancement of Exercise Capability for Youth. Mobile Information Systems, 2023, 2023, 1-19.	0.6	3
52	Artificial Intelligence and Economic Development: An Evolutionary Investigation and Systematic Review. Journal of the Knowledge Economy, 0, , .	4.4	3
53	Istighatha – IoT-enabled emergency response system. Internet of Things (Netherlands), 2023, 23, 100869.	7.7	0
54	A Dynamic Fitness Game Content Generation System Based on Machine Learning. Lecture Notes in Computer Science, 2023, , 50-62.	1.3	0
55	Unlocking Insights in IoT-Based Patient Monitoring: Methods for Encompassing Large-Data Challenges. Sensors, 2023, 23, 6760.	3.8	3
56	Identification of heart rate change during the teaching process. Scientific Reports, 2023, 13, .	3.3	0
57	Artificial Intelligence and Its Impact on Economic Growth. , 2024, 03, 356-368.		0
58	Enhancing Running Exercise With IoT, Blockchain, and Heart Rate Adaptive Running Music. IEEE Access, 2024, 12, 14168-14181.	4.2	0
59	IoT Applications in Sports and Fitness: Enhancing Performance Monitoring and Training. , 2023, , .		0

#	Article	IF	Citations
60	A Hybrid Model for Fitness Influencer Competency Evaluation Framework. Sustainability, 2024, 16, 1279.	3.2	0
61	Analyzing the suitability of IEEE 802.11ah for next generation Internet of Things: A comparative study. Ad Hoc Networks, 2024, 156, 103437.	5.5	0
62	Beyond hard workout: A multimodal framework for personalised running training with immersive technologies. British Journal of Educational Technology, 0, , .	6.3	0