

# Blockchain Technology in Healthcare: A Comprehensive Research

Applied Sciences (Switzerland)

9, 1736

DOI: 10.3390/app9091736

Citation Report

#	ARTICLE	IF	CITATIONS
1	The Role of Smart Contracts in Sustainability: Worldwide Research Trends. Sustainability, 2019, 11, 3049.	3.2	41
2	DNS-IdM: A Blockchain Identity Management System to Secure Personal Data Sharing in a Network. Applied Sciences (Switzerland), 2019, 9, 2953.	2.5	49
3	Enabling the Internet of Mobile Crowdsourcing Health Things: A Mobile Fog Computing, Blockchain and IoT Based Continuous Glucose Monitoring System for Diabetes Mellitus Research and Care. Sensors, 2019, 19, 3319.	3.8	98
4	An Adaptive Biomedical Data Managing Scheme Based on the Blockchain Technique. Applied Sciences (Switzerland), 2019, 9, 2494.	2.5	10
5	SLA-Based Sharing Economy Service with Smart Contract for Resource Integrity in the Internet of Things. Applied Sciences (Switzerland), 2019, 9, 3602.	2.5	24
6	Privacy-Preserving Statistical Analysis of Health Data Using Paillier Homomorphic Encryption and Permissioned Blockchain. , 2019, , .		9
7	Perspectives on risks and standards that affect the requirements engineering of blockchain technology. Computer Standards and Interfaces, 2020, 69, 103409.	5.4	45
8	A Blockchain-Based Smart Contract System for Healthcare Management. Electronics (Switzerland), 2020, 9, 94.	3.1	260
9	A Review on Blockchain-Based Strategies for Management of Electronic Health Records (EHRs). , 2020, , .		5
10	Knowledge diffusion paths of blockchain domain: the main path analysis. Scientometrics, 2020, 125, 471-497.	3.0	61
11	Blockchain-based access control scheme with incentive mechanism for eHealth systems: patient as supervisor. Multimedia Tools and Applications, 2021, 80, 30605-30621.	3.9	25
12	Blockchain With IoT and AI. International Journal of Applied Evolutionary Computation, 2020, 11, 13-27.	1.0	57
13	Technical, Temporal, and Spatial Research Challenges and Opportunities in Blockchain-Based Healthcare: A Systematic Literature Review. IEEE Transactions on Engineering Management, 2023, 70, 353-368.	3.5	75
14	Integration of Blockchain and Cloud of Things: Architecture, Applications and Challenges. IEEE Communications Surveys and Tutorials, 2020, 22, 2521-2549.	39.4	117
15	ChainIDE 2.0: Facilitating Smart Contract Development for Consortium Blockchain. , 2020, , .		5
16	Orchestrating product provenance story: When IOTA ecosystem meets electronics supply chain space. Computers in Industry, 2020, 123, 103334.	9.9	31
17	A Review on Blockchain for the Internet of Medical Things: Definitions, Challenges, Applications, and Vision. Future Internet, 2020, 12, 208.	3.8	31
18	Improving the Healthcare Effectiveness: The Possible Role of EHR, IoMT and Blockchain. Electronics (Switzerland), 2020, 9, 884.	3.1	45

#	ARTICLE	IF	CITATIONS
19	Point-of-Care Therapeutic Drug Monitoring for Precision Dosing of Immunosuppressive Drugs. <i>Journal of applied laboratory medicine</i> , The, 2020, 5, 738-761.	1.3	28
20	A Survey on Decentralized Consensus Mechanisms for Cyber Physical Systems. <i>IEEE Access</i> , 2020, 8, 54371-54401.	4.2	121
21	Easing App Interaction for Non-Blockchain Users from a Conceptual Modelling Approach. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4280.	2.5	5
22	An Economic Business Approach to Clinical Risk Management. <i>Journal of Risk and Financial Management</i> , 2020, 13, 135.	2.3	1
23	Opinions on Sustainability of Smart Cities in the Context of Energy Challenges Posed by Cryptocurrency Mining. <i>Sustainability</i> , 2020, 12, 169.	3.2	26
24	Blockchain for smart homes: Review of current trends and research challenges. <i>Computers and Electrical Engineering</i> , 2020, 83, 106585.	4.8	69
25	IoMT: A Blockchain Perspective. <i>Studies in Big Data</i> , 2020, , 199-215.	1.1	17
26	A novel cloud manufacturing service composition platform enabled by Blockchain technology. <i>International Journal of Production Research</i> , 2020, 58, 5280-5298.	7.5	72
27	Application of Blockchain and IoT towards Pharmaceutical Industry. , 2020, , .		13
28	Interaction design research based on large data rule mining and blockchain communication technology. <i>Soft Computing</i> , 2020, 24, 16593-16604.	3.6	26
29	Visualization of Blockchain Data: A Systematic Review. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 3135-3152.	4.4	24
30	BZKP: Blockchain-based zero-knowledge proof model for enhancing healthcare security in Bahrain IoT smart cities and COVID-19 risk mitigation. <i>Arab Journal of Basic and Applied Sciences</i> , 2021, 28, 154-171.	2.1	20
31	Utilizing Blockchain Technology to Manage Functional Areas in Healthcare Systems. <i>Studies in Computational Intelligence</i> , 2021, , 125-139.	0.9	0
32	Blockchain Platform For COVID-19 Vaccine Supply Management. <i>IEEE Open Journal of the Computer Society</i> , 2021, 2, 164-178.	7.8	78
33	A Systematic Analysis on Blockchain Integration With Healthcare Domain: Scope and Challenges. <i>IEEE Access</i> , 2021, 9, 84666-84687.	4.2	47
34	A Blockchain Based Cloud Integrated IoT Architecture Using a Hybrid Design. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021, , 550-559.	0.3	11
35	Blockchain technology applications in healthcare: An overview. <i>International Journal of Intelligent Networks</i> , 2021, 2, 130-139.	7.8	112
36	A Performant Protocol for Distributed Health Records Databases. <i>IEEE Access</i> , 2021, 9, 125930-125940.	4.2	6

#	ARTICLE	IF	CITATIONS
37	Boosting Sustainability in Healthcare Sector through Fintech: Analyzing the Moderating Role of Financial and ICT Development. Inquiry (United States), 2021, 58, 004695802110281.	0.9	11
38	Blockchain Adoption for Trusted Medical Records in Healthcare 4.0 Applications: A Survey. Lecture Notes in Networks and Systems, 2021, , 759-774.	0.7	7
39	Secure Healthcare Data Aggregation and Transmission in IoT—A Survey. IEEE Access, 2021, 9, 16849-16865.	4.2	108
40	Barriers to blockchain adoption in health-care industry: an Indian perspective. Journal of Global Operations and Strategic Sourcing, 2021, 14, 134-169.	4.6	42
41	Blockchanging Politics. Advances in Data Mining and Database Management Book Series, 2021, , 118-159.	0.5	0
42	Sharing Wearable Health Data Using User-Defined Blockchain Policies. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 54-69.	0.3	0
44	A survey on the adoption of blockchain in IoT: challenges and solutions. Blockchain: Research and Applications, 2021, 2, 100006.	6.7	136
45	Blockchain and smart contract for access control in healthcare: A survey, issues and challenges, and open issues. Journal of Network and Computer Applications, 2021, 178, 102950.	9.1	69
46	Multidimensional Development and ï€-Type Trend of the Blockchain Research: A Collaborative Network Analysis. Mathematical Problems in Engineering, 2021, 2021, 1-15.	1.1	3
47	Toward Blockchain-Enabled Supply Chain Anti-Counterfeiting and Traceability. Future Internet, 2021, 13, 86.	3.8	31
48	A Quantitative and Qualitative Review on the Main Research Streams Regarding Blockchain Technology in Healthcare. Healthcare (Switzerland), 2021, 9, 247.	2.0	3
49	Decentralizing Supply Chain Anti-Counterfeiting and Traceability Systems Using Blockchain Technology. Future Internet, 2021, 13, 84.	3.8	23
50	e-Health Technological Ecosystems: Advanced Solutions to Support Informal Caregivers and Vulnerable Populations During the COVID-19 Outbreak. Telemedicine Journal and E-Health, 2022, 28, 138-149.	2.8	6
51	Security and Privacy in Cloud-Based E-Health System. Symmetry, 2021, 13, 742.	2.2	49
52	The role of blockchain technology in telehealth and telemedicine. International Journal of Medical Informatics, 2021, 148, 104399.	3.3	123
53	Health-BlockEdge: Blockchain-Edge Framework for Reliable Low-Latency Digital Healthcare Applications. Sensors, 2021, 21, 2502.	3.8	35
54	Critical Dimensions of Blockchain Technology Implementation in the Healthcare Industry: An Integrated Systems Management Approach. Sustainability, 2021, 13, 5269.	3.2	4
55	Potentially inappropriate medications and medication combinations before, during and after hospitalizations: an analysis of pathways and determinants in the Swiss healthcare setting. BMC Health Services Research, 2021, 21, 522.	2.2	1

#	ARTICLE	IF	CITATIONS
56	A Cloud Data Storage Technology for Alliance Blockchain Technology. , 2021, , .		0
57	Application of Blockchain in Education: GDPR-Compliant and Scalable Certification and Verification of Academic Information. Applied Sciences (Switzerland), 2021, 11, 4537.	2.5	11
58	Machine learning in/for blockchain: Future and challenges. Canadian Journal of Statistics, 2021, 49, 1364-1382.	0.9	29
60	Blockchain-enabled pharmaceutical cold chain: Applications, key challenges, and future trends. Journal of Cleaner Production, 2021, 302, 127021.	9.3	78
61	Security Concerns of Fog Computing in Field of Healthcare using Blockchain: A Review. , 2021, , .		1
62	Blockchain technology in the healthcare industry: Trends and opportunities. Journal of Industrial Information Integration, 2021, 22, 100217.	6.4	82
63	Research and Applied Perspective to Blockchain Technology: A Comprehensive Survey. Applied Sciences (Switzerland), 2021, 11, 6252.	2.5	36
64	Healthcare and Fitness Data Management Using the IoT-Based Blockchain Platform. Journal of Healthcare Engineering, 2021, 2021, 1-12.	1.9	54
65	Blockchain technology: A <scp>DNN</scp> tokenâ€based approach in healthcare and <scp>COVID</scp>â€19 to generate extracted data. Expert Systems, 2022, 39, e12778.	4.5	25
67	A Conceptual Model of Military Blockchain for Repair Parts Supply Chain Management. , 2021, , .		1
68	Big data in the healthcare system: a synergy with artificial intelligence and blockchain technology. Journal of Integrative Bioinformatics, 2022, 19, .	1.5	20
69	Developmental trajectories of blockchain research and its major subfields. Technology in Society, 2021, 66, 101606.	9.4	14
70	Blockchain for Securing AI Applications and Open Innovations. Journal of Open Innovation: Technology, Market, and Complexity, 2021, 7, 189.	5.2	28
71	Smart Hospital Sensor Network Deployment for Mobile and Remote Healthcare SystemÂ. Sensors, 2021, 21, 5514.	3.8	3
72	A survey: blockchain utilization for securing healthcare system. International Advanced Researches and Engineering Journal, 2021, 5, 324-333.	0.8	0
73	The adoption of blockchain technology in the financial sector during the era of fourth industrial revolution: a moderated mediated model. Quality and Quantity, 2022, 56, 2435-2452.	3.7	37
74	Blockchain and artificial intelligence technology in e-Health. Environmental Science and Pollution Research, 2021, 28, 52810-52831.	5.3	75
75	HealthBlock: A secure blockchain-based healthcare data management system. Computer Networks, 2021, 200, 108500.	5.1	109

#	ARTICLE	IF	CITATIONS
76	An Exhaustive Survey of Blockchain Applications with the Internet of Things (IoT) to Combat COVID-19 Spread. EAI/Springer Innovations in Communication and Computing, 2022, , 165-192.	1.1	0
77	Development and Pilot-Test of Blockchain-Based MyHealthData Platform. Applied Sciences (Switzerland), 2021, 11, 8209.	2.5	5
78	Blockchain and e-government innovation: Automation of public information processes. Information Systems, 2022, 103, 101862.	3.6	62
79	Research on the Application of Blockchain in Smart Healthcare: Constructing a Hierarchical Framework. Journal of Healthcare Engineering, 2021, 2021, 1-13.	1.9	38
80	Study on Supply Chain Management using Blockchain Technology. , 2021, , .		6
81	Advanced Cyber Security and Internet of Things for Digital Transformations of the Indian Healthcare Sector. Advances in Information Security, Privacy, and Ethics Book Series, 2021, , 353-372.	0.5	1
82	Blockchain in Clinical Trials. Advances in Data Mining and Database Management Book Series, 2021, , 278-292.	0.5	1
83	Blockchain for healthcare data management: opportunities, challenges, and future recommendations. Neural Computing and Applications, 2022, 34, 11475-11490.	5.6	165
84	Integration of Machine Learning and Blockchain Technology in the Healthcare Field: A Literature Review and Implications for Cancer Care. Asia-Pacific Journal of Oncology Nursing, 2021, 8, 720-724.	1.6	23
85	Blockchain for Internet of Medical Things: A Technical Review. Lecture Notes in Computer Science, 2020, , 259-267.	1.3	13
86	The Opportunities of Blockchain in Health 4.0. Blockchain Technologies, 2020, , 149-164.	0.8	11
87	Securing Healthcare Data by Using Blockchain. Studies in Big Data, 2021, , 93-114.	1.1	5
88	Healthcare Services Monitoring in Cloud Using Secure and Robust Healthcare-Based BLOCKCHAIN(SRHB)Approach. Mobile Networks and Applications, 2020, 25, 1330-1337.	3.3	41
89	Blockchain-based Fog Computing Applications in Healthcare. , 2020, , .		6
90	Blockchain Technology for Cloud Storage. ACM Computing Surveys, 2021, 53, 1-32.	23.0	82
91	COMPARISON OF BLOCKCHAIN TECHNOLOGY AND DIRECTED ACYCLIC GRAPH DURING DATA STORAGE AND PROCESSING IN A DISTRIBUTED REGISTRY. Bulletin of National Technical University KhPI Series System Analysis Control and Information Technologies, 2020, .	0.1	4
92	Examining the Potential of Blockchain Technology to Meet the Needs of 21st-Century Japanese Health Care: Viewpoint on Use Cases and Policy. Journal of Medical Internet Research, 2020, 22, e13649.	4.3	26
93	The Current State of Research, Challenges, and Future Research Directions of Blockchain Technology in Patient Care: Systematic Review. Journal of Medical Internet Research, 2020, 22, e18619.	4.3	59

#	ARTICLE	IF	CITATIONS
94	A Procedure for Tracing Supply Chains for Perishable Food Based on Blockchain, Machine Learning and Fuzzy Logic. Electronics (Switzerland), 2021, 10, 41.	3.1	60
95	IoT based Clinical Sensor Data Management and Transfer using Blockchain Technology. Journal of ISMAC, 2020, 2, 154-159.	2.7	64
96	A Survey on Blockchain-Based IoMT Systems: Towards Scalability. IEEE Access, 2021, 9, 148948-148975.	4.2	25
97	Blockchain Enabled Transparent and Anti-Counterfeiting Supply of COVID-19 Vaccine Vials. Vaccines, 2021, 9, 1239.	4.4	29
99	Digital Identity Management System Using Blockchain Technology. Advances in Intelligent Systems and Computing, 2021, , 895-906.	0.6	2
100	Blockchain-based Model for Sharing Activities of Daily Living in Healthcare Applications. , 2020, , .		7
101	Data Management Plan for Clinical Trials in a Blockchain Environment. The Journal of Korean Institute of Information Technology, 2021, 19, 137-143.	0.3	1
102	PDPM: A Patient-Defined Data Privacy Management with Nudge Theory in Decentralized E-Health Environments. IEICE Transactions on Information and Systems, 2021, E104.D, 1839-1849.	0.7	0
103	Augmented Humanity: Data, Privacy and Security. Advanced Sciences and Technologies for Security Applications, 2020, , 73-93.	0.5	4
104	Blockchain in Pharmaceutical Sector. Studies in Big Data, 2021, , 199-220.	1.1	5
105	Cryptography in the Healthcare Sector With Modernized Cyber Security. Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 163-183.	0.5	1
106	Multilayer Self-defense System to Protect Enterprise Cloud. Computers, Materials and Continua, 2020, 66, 71-85.	1.9	5
107	Blockchain for public health: Technology, applications, and a case study. , 2020, , 53-61.		2
108	Towards Blockchain-Based Secure Data Management for Remote Patient Monitoring. , 2021, , .		18
110	Blockchain Based Covid Vaccine Booking and Vaccine Management System. , 2021, , .		5
111	IoT based health monitoring and record management using distributed ledger. Journal of Physics: Conference Series, 2021, 2089, 012030.	0.4	2
112	Blockchain for Mobile Edge Computing: Consensus Mechanisms and Scalability. , 2021, , 333-357.		18
113	Blockchain-Based Electronic Health Records Management: A Comprehensive Review and Future Research Direction. IEEE Access, 2022, 10, 5768-5789.	4.2	29

#	ARTICLE	IF	CITATIONS
114	Blockchain: A Solution for Improved Traceability with Reduced Counterfeits in Supply Chain of Drugs. , 2020, , .		5
115	Design of Blockchain-based Electronic Health Records for Indonesian Context: Narrative Review. , 2020, , .		2
116	Blockchain Adoption Opportunities in Healthcare Sector. SSRG International Journal of Engineering Trends and Technology, 2020, 68, 117-120.	0.5	1
117	A Broad Perspective On Integrating Internet Of Things With Blockchain. , 2020, , .		1
118	A Review of Blockchain-based on IoT applications (challenges and future research directions). , 2020, , .		1
119	A Hyperledger Fabric-based Blockchain Architecture to Secure IoT-based Health Monitoring Systems. , 2021, , .		7
120	Securing IoT Devices using Blockchain Concept. , 2021, , .		6
121	Hyperledger Based Private Blockchain Technology in Pharmaceutical Manufacturing Industry for Preventing Substandard Drug Production. , 2021, , .		1
122	A Literature Review on Secured Data Management using Block Chain Technology in Healthcare Sector. , 2021, , .		0
123	Secure Tamper-Resistant Electronic Health Record Transaction in Cloud System Via Blockchain. Wireless Personal Communications, 2022, 124, 607-632.	2.7	4
125	LSP: Lightweight Smart-Contract-Based Transaction Prioritization Scheme for Smart Healthcare. IEEE Internet of Things Journal, 2022, 9, 14005-14017.	8.7	8
126	Patient-Controlled Mechanism Using Pseudonymization Technique for Ensuring the Security and Privacy of Electronic Health Records. International Journal of Reliable and Quality E-Healthcare, 2022, 11, 1-15.	1.1	13
128	A Framework of the Critical Factors for Healthcare Providers to Share Data Securely Using Blockchain. IEEE Access, 2022, 10, 41064-41077.	4.2	12
129	Blockchainâ€™s coming to hospital to digitalize healthcare services: Designing a distributed electronic health record ecosystem. Technovation, 2023, 120, 102480.	7.8	53
130	Does Financial Technology Improve Health in Asian Economies?. Frontiers in Public Health, 2022, 10, 843379.	2.7	2
131	B2H: Enabling delay-tolerant blockchain network in healthcare for Society 5.0. Computer Networks, 2022, 210, 108860.	5.1	6
132	Grid based blockchain framework for information management in surgical process proceedings. Journal of Intelligent and Fuzzy Systems, 2022, , 1-11.	1.4	0
133	Blockchain grounded electronic record for healthcare monitoring system. International Journal of Health Sciences, 0, , 3414-3423.	0.1	0



#	ARTICLE	IF	CITATIONS
134	Effectiveness of blockchain to solve the interoperability challenges in healthcare. , 2021, , 80-88.		4
135	A Comprehensive Survey of AI, Blockchain Technology and Big Data Applications in Medical Field and Global Health. , 2021, , .		7
136	Blockchain - Future of Healthcare: The Review. , 2021, , .		0
137	Creating an Inter-Hospital Resilient Network for Pandemic Response Based on Blockchain and Dynamic Digital Twins. , 2021, , .		3
138	The Health Care Sectorâ€™s Experience of Blockchain: A Cross-disciplinary Investigation of Its Real Transformative Potential. Journal of Medical Internet Research, 2021, 23, e24109.	4.3	12
139	Decentralised Content Creation in Digital Learning: A Blockchain Concept. Smart Innovation, Systems and Technologies, 2022, , 583-591.	0.6	3
140	Blockchain-Based Security Mechanisms for IoMT Edge Networks in IoMT-Based Healthcare Monitoring Systems. Sensors, 2022, 22, 2449.	3.8	47
141	Assessment of the Blockchain Technology Adoption for the Management of the Electronic Health Record Systems. IEEE Transactions on Engineering Management, 2023, 70, 2846-2863.	3.5	21
143	Improving the Financial Security of National Health Insurance using Cloud-Based Blockchain Technology Application. International Journal of Information Management Data Insights, 2022, 2, 100081.	9.7	18
145	Transforming healthcare ecosystems through blockchain: Opportunities and capabilities for business process innovation. Technovation, 2023, 119, 102557.	7.8	18
146	A survey of blockchain-based IoT eHealthcare: Applications, research issues, and challenges. Internet of Things (Netherlands), 2022, 19, 100551.	7.7	27
147	A Succinct Analytical Study of the Usability of Encryption Methods in Healthcare Data Security. Studies in Computational Intelligence, 2022, , 105-120.	0.9	7
149	PUFchain 2.0: Hardware-Assisted Robust Blockchain for Sustainable Simultaneous Device and Data Security in Smart Healthcare. SN Computer Science, 2022, 3, .	3.6	14
150	Smart healthcare using blockchain technologies: The importance, applications, and challenges. , 2022, , 163-180.		1
151	Privacy and Securization of Patient Data in a Neural Blockchain: The Case of the Ehealth Phisicos Platform. SSRN Electronic Journal, 0, , .	0.4	0
152	BEST: Blockchain-Enabled Secure Technology in a healthcare management system. , 2022, , 267-282.		1
154	Blockchain-based transaction validation for patient interoperability in Healthcare 4.0. , 2022, , 1-26.		2
155	Blockchain for Industry 5.0: Vision, Opportunities, Key Enablers, and Future Directions. IEEE Access, 2022, 10, 69160-69199.	4.2	38

#	ARTICLE	IF	CITATIONS
156	Healthcare Applications Using Blockchain Technology: Motivations and Challenges. IEEE Transactions on Engineering Management, 2023, 70, 2874-2890.	3.5	27
157	A Comparative Analysis of the Growing Role of Blockchain Technology in the Healthcare Sector. , 2022, , .		2
158	Design A Wireless Network Data Security System for Medical Records Using Cryptography. , 2022, , .		0
159	Advanced Cyber Security and Internet of Things for Digital Transformations of the Indian Healthcare Sector. , 2022, , 204-224.		0
161	Blockchain Technology and Artificial Intelligence Based Decentralized Access Control Model to Enable Secure Interoperability for Healthcare. Sustainability, 2022, 14, 9471.	3.2	28
162	A revocable attribute-based encryption EHR sharing scheme with multiple authorities in blockchain. Peer-to-Peer Networking and Applications, 2023, 16, 107-125.	3.9	5
163	Smart contracts based on hyperledger fabric blockchain for the purpose of health and life insurance services. AIP Conference Proceedings, 2022, , .	0.4	0
164	MapChain: A Blockchain-Based Verifiable Healthcare Service Management in IoT-Based Big Data Ecosystem. IEEE Transactions on Network and Service Management, 2022, 19, 3896-3907.	4.9	18
165	To Spur Social Sustainability in the Pharmaceutical Supply Chain. International Journal of Circular Economy and Waste Management, 2022, 2, 1-35.	0.5	0
166	Leveraging Patient Information Sharing Using Blockchain-Based Distributed Networks. IEEE Access, 2022, 10, 106334-106351.	4.2	1
167	Blockchain and AI-Empowered Healthcare Insurance Fraud Detection: an Analysis, Architecture, and Future Prospects. IEEE Access, 2022, 10, 79606-79627.	4.2	18
168	Investigating Healthcare 4.0 Transition Through a Knowledge Management Perspective. IEEE Transactions on Engineering Management, 2023, 70, 3297-3310.	3.5	15
169	Secure Medical Data Transmission Over Wireless Body Area Network Using Blockchain. Advances in Medical Technologies and Clinical Practice Book Series, 2022, , 70-84.	0.3	0
170	Emerging Blockchain Technology vis-À-vis Limitations and Issues. Advances in Data Mining and Database Management Book Series, 2022, , 56-79.	0.5	0
171	Blockchain With IoT and AI. , 2022, , 1315-1330.		0
172	Advanced Cyber Security and Internet of Things for Digital Transformations of the Indian Healthcare Sector. , 2022, , 1037-1056.		0
173	Survey on Blockchain Technology. International Journal of Advanced Research in Science, Communication and Technology, 0, , 654-659.	0.0	0
174	Blockchain-Enabled Electronic Health Records for Healthcare 4.0. International Journal of E-Health and Medical Communications, 2022, 13, 1-13.	1.6	1

#	ARTICLE	IF	CITATIONS
175	Patient-Centric Multichain Healthcare Record. International Journal of E-Health and Medical Communications, 2022, 13, 1-14.	1.6	5
176	An efficient lightweight encryption model with re-encryption scheme to create robust blockchain architecture for COVID-19 data. Transactions on Emerging Telecommunications Technologies, 2023, 34, .	3.9	1
177	Study of COVID-19 Monitoring System Based on Block Chain and Anonymity Techniques. WSEAS Transactions on Mathematics, 2022, 21, 635-640.	0.5	1
178	Contemporary Applications of Machine Learning for Device Therapy in Heart Failure. JACC: Heart Failure, 2022, 10, 603-622.	4.1	8
179	Blockchain Powered Vaccine Efficacy for Pharma Sector. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-9.	1.3	1
180	A Novel Personal Medicine Record Scheme Based on Block Chain and Cryptographic. WSEAS Transactions on Electronics, 2022, 13, 100-106.	0.5	0
181	A Robust Blockchain Architecture for Electronic Health Data using Efficient Lightweight Encryption Model with Re-Encryption Scheme. , 2022, , .		2
182	Review of healthcare industry 4.0 application-based blockchain in terms of security and privacy development attributes: Comprehensive taxonomy, open issues and challenges and recommended solution. Journal of Network and Computer Applications, 2023, 209, 103529.	9.1	14
183	Use of blockchain in health sensor networks to secure information integrity and accountability. Procedia Computer Science, 2022, 210, 124-132.	2.0	2
184	Holo-Block Chain: A Hybrid Approach for Secured IoT Healthcare Ecosystem. , 2022, , .		2
185	Blockchain-based medical health record access control scheme with efficient protection mechanism and patient control. Multimedia Tools and Applications, 2023, 82, 16279-16300.	3.9	3
186	Blockchain technology and vaccine supply chain: Exploration and analysis of the adoption barriers in the Indian context. International Journal of Production Economics, 2023, 255, 108716.	8.9	20
187	Secured information sharing for supply chain management based on blockchain technology and optimal key generation process. Concurrency Computation Practice and Experience, 2023, 35, .	2.2	2
188	Potential Implementations of Blockchain Technology in Patient Safety: A High-Level Overview. Integrated Science, 2023, , 117-140.	0.2	1
189	Blockchain Application in Healthcare Systems: A Review. Systems, 2023, 11, 38.	2.3	29
190	Sharing Health Information Using a Blockchain. Healthcare (Switzerland), 2023, 11, 170.	2.0	6
191	Data Sharing and Electronic Medical Record Privacy Protection of Out-Patient-Department Using Blockchain. , 2022, , .		0
192	Blockchain based Effective Ledger and Decentralization in Healthcare System. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
193	Blockchain in the Healthcare Industry. Advances in Finance, Accounting, and Economics, 2023, , 81-93.	0.3	1
194	Blockchain-Based Internet of Medical Things. Applied Sciences (Switzerland), 2023, 13, 1287.	2.5	11
195	Healthcare 4P: Systematic Review of Applications of Decentralized Trust Using Blockchain Technology. Advanced Technologies and Societal Change, 2023, , 133-156.	0.9	2
196	Blockchain and Metaverse For Peer-to-peer Energy Marketplace: Research Trends and Open Challenges. , 2022, , .		5
197	Distributed Ledger Technologies for Managing Heterogenous Computing Systems at the Edge. , 2022, , .		1
198	An Intensive Analysis of Recent Trends of Block Chain Technology in the Role of Development in the Healthcare Sector. , 2022, , .		1
199	A Blockchain-Based Approach to Revolutionizing Healthcare. Advances in Healthcare Information Systems and Administration Book Series, 2023, , 44-73.	0.2	4
200	A Comprehensive Survey on Blockchain-Based Decentralized Storage Networks. IEEE Access, 2023, 11, 10995-11015.	4.2	14
201	Blockchain based Healthcare Data Management. , 2022, , .		1
202	Adoption of Blockchain Technology in Healthcare: Challenges, Solutions, and Comparisons. Applied Sciences (Switzerland), 2023, 13, 2380.	2.5	3
203	Exploring social media adoption by nurses for nursing practice in rural Volta, Ghana. Nursing Open, 2023, 10, 4432-4441.	2.4	1
204	Semantic analysis of blockchain intelligence with proposed agenda for future issues. International Journal of Systems Assurance Engineering and Management, 2023, 14, 34-54.	2.4	4
205	Medical supply chain integrated with blockchain and IoT to track the logistics of medical products. Multimedia Tools and Applications, 2023, 82, 32917-32939.	3.9	18
206	Collaborative Learning Supported by Blockchain Technology as a Model for Improving the Educational Process. Sustainability, 2023, 15, 4780.	3.2	2
207	Blockchain-Based E-Healthcare Monitoring System Using Internet of Healthcare Things (IoHT). Advances in Wireless Technologies and Telecommunication Book Series, 2023, , 26-56.	0.4	0
208	Conditional Token: A New Model to Supply Chain Finance by Using Smart Contract in Public Blockchain. , 2023, 2, 170-204.		0
209	The Potential of Blockchain Technology in Dental Healthcare: A Literature Review. Sensors, 2023, 23, 3277.	3.8	4
210	Application of Blockchain and Internet of Things (IoT) for Ensuring Privacy and Security of Health Records and Medical Services. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
211	An Overview of Blockchain and IoT Integration for Secure and Reliable Health Records Monitoring. Sustainability, 2023, 15, 5660.	3.2	14
212	A Visualization Analysis of Literature on Blockchain Technology in Healthcare Applications With VOSviewer. Advances in Healthcare Information Systems and Administration Book Series, 2023, , 1-19.	0.2	0
213	Privacy preservation of the internet of medical things using blockchain. Health Services and Outcomes Research Methodology, 2024, 24, 112-139.	1.8	2
214	An EDGE Supported Ambulance Management System for Smart Cities. Advanced Sciences and Technologies for Security Applications, 2023, , 151-168.	0.5	0
215	Review on Blockchain Technology : Architecture, Characteristics, Benefits, Algorithms, Challenges and Applications. , 0, , 73-85.		4
216	Blockchain-based internet of medical things (IoMT) for healthcare management. I-manager's Journal on Cloud Computing, 2022, 9, 21.	1.2	0
217	Foundations, need, state-of-the-art blockchain technologies, its adaptations, and impact on healthcare industries. , 2023, , 1-28.		0
218	Impact of blockchain in healthcare system. , 2023, , 37-57.		19
219	Reviving the information veracity in healthcare supply chain with blockchain: a systematic review. Supply Chain Forum, 2024, 25, 111-130.	4.2	1
220	Blockchain Technology. Advances in Business Information Systems and Analytics Book Series, 2023, , 168-193.	0.4	1
221	A Blockchain-Oriented Framework for Cloud-Assisted System to Countermeasure Phishing for Establishing Secure Smart City. Security and Communication Networks, 2023, 2023, 1-13.	1.5	1
222	Healthcare: In the Era of Blockchain. Advanced Technologies and Societal Change, 2023, , 45-55.	0.9	4
223	Blockchain Technology Based Supply Chain Management System. , 2023, , 641-653.		1
224	Role of Blockchain Technology in Healthcare. , 2023, , .		0
225	Blockchain for medical security data: a review and perspectives. , 2023, , .		0
226	Technology-Assisted Mental Healthcare: A Novel Approach. Smart Innovation, Systems and Technologies, 2023, , 565-575.	0.6	0
227	Application of Blockchain Technology in the Healthcare System. , 2023, , .		0
228	Security aspects related Intelligent e-Health Systems. ITM Web of Conferences, 2023, 52, 01006.	0.5	0

#	ARTICLE	IF	CITATIONS
229	Integration of Blockchain Technologies into Healthcare Delivery. Pharmacophore, 2023, 14, 52-57.	1.2	2
230	Framing blockchain-integrated digital twins for emergent healthcare: a proof of concept. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 0, , 1-16.	0.7	1
231	Problems and Opportunities for Blockchain and IoT-based Intelligent Medical Records. , 2023, , .		0
232	Data sharing: A Long COVID perspective, challenges, and road map for the future. South African Journal of Science, 2023, 119, .	0.7	0
233	Hastaların Elektronik Sağlık Kayıt (ESK) Sistemleri için Güvenli Blok Zincir Destekli Bulut Sistemi. Fırat Üniversitesi Mühendislik Bilimleri Dergisi, 0, , .	0.5	0
234	A Review on Machine Learning and Blockchain Technology in E-Healthcare. Lecture Notes in Networks and Systems, 2023, , 338-349.	0.7	0
235	Overview of Blockchain Technology Diffusion and Adoption. Advances in Logistics, Operations, and Management Science Book Series, 2023, , 40-56.	0.4	0
236	Ethereum's Blockchain Network Mechanism for High-Performance Authentication and Efficient Block Creation. SN Computer Science, 2023, 4, .	3.6	0
237	Improving Medical Supply Chain Disruption Management with the Blockchain Technology. Flexible Systems Management, 2023, , 217-230.	0.2	1
238	A Framework to Secure Electronic Health Records using Privacy-Enabled Hyperledger Fabric. , 2023, , .		0
239	Healthcare Data Management System Using Blockchain. International Journal of Scientific Research in Computer Science Engineering and Information Technology, 2023, , 382-387.	0.3	0
240	Comprehensive review for healthcare data quality challenges in blockchain technology. Frontiers in Big Data, 0, 6, .	2.9	1
241	Blockchain Technology in Healthcare. Lecture Notes in Networks and Systems, 2023, , 485-495.	0.7	0
242	Combating counterfeits with the Blockchain-technology-supported platform under government enforcement. Transportation Research, Part E: Logistics and Transportation Review, 2023, 175, 103155.	7.4	2
243	State-of-the-Art Research in Blockchain of Things for HealthCare. Arabian Journal for Science and Engineering, 2024, 49, 3163-3191.	3.0	1
244	Blockchain Technology in Renovating Healthcare. Advances in Healthcare Information Systems and Administration Book Series, 2023, , 177-186.	0.2	5
245	High-Performance Authentication and Efficient Block Creation: Ethereum. , 2023, , .		0
246	Security in Health Information Management Records through Blockchain Technology. Journal of Biochemical and Clinical Genetics, 2023, 6, 24-39.	0.1	1

#	ARTICLE	IF	CITATIONS
247	An overview of the SWOT analysis in India's pharmaceutical supply chain. Arab Gulf Journal of Scientific Research, 0, , .	0.6	1
248	Technological Model Based on Blockchain Technology for Genetic Information Protection in the Health Sector. Communications in Computer and Information Science, 2023, , 218-233.	0.5	0
249	Integration of Blockchain Technology in Health Care System: An Intensive Review. , 2023, , .		0
250	A Tutorial on the Implementation of a Hyperledger Fabric-based Security Architecture for IoMT. , 2023, , .		2
251	Blockchain for the Public Service Industry in Sub-Saharan Africa: Analysis of Business Benefits. , 2023, , .		0
252	Blockchain-Enabled Healthcare Records Management: A Survey of Implementation Strategies. , 2023, , .		0
253	Towards a Secure Technology-Driven Architecture for Smart Health Insurance Systems: An Empirical Study. Healthcare (Switzerland), 2023, 11, 2257.	2.0	0
254	Current Cybersecurity Challenges of Applying Blockchain in Healthcare. , 2022, , .		0
255	An Extensive Review of Blockchain-Enabled Healthcare. , 2023, , .		0
256	Prototyping a Hyperledger Fabric-Based Security Architecture for IoMT-Based Health Monitoring Systems. Future Internet, 2023, 15, 308.	3.8	1
257	Fuzzy-Based Efficient Healthcare Data Collection and Analysis Mechanism Using Edge Nodes in the IoMT. Sensors, 2023, 23, 7799.	3.8	1
258	Blockchain Revolutionizing in Emergency Medicine: A Scoping Review of Patient Journey through the ED. Healthcare (Switzerland), 2023, 11, 2497.	2.0	2
259	Management of medical record data with multi-level security on Amazon Web Services. SN Applied Sciences, 2023, 5, .	2.9	0
260	Analysis of Human Diseases using Artificial Neural Network and Blockchain Technology. International Journal of Scientific Research in Computer Science Engineering and Information Technology, 2023, , 84-93.	0.3	1
262	Analysis of Various Blockchain-Based Solutions for Electronic Health Record System. Lecture Notes in Networks and Systems, 2023, , 211-223.	0.7	0
263	Intrusion Detection in Cyber Physical Systems Using Multichain. Advances in Information Security, Privacy, and Ethics Book Series, 2023, , 189-214.	0.5	0
264	Patients Medical Record Monitoring Using IoT Based Biometrics Blockchain Security System. , 2023, , .		1
265	Brave New Healthcare: A Narrative Review of Digital Healthcare in American Medicine. Cureus, 2023, , .	0.5	0



#	ARTICLE	IF	CITATIONS
266	A Critical Investigation into the Blockchain Technology and Its Present-Day Uses. , 2023, , .		0
267	BlockASP: A Framework for AOP-Based Model Checking Blockchain System. IEEE Access, 2023, 11, 115062-115075.	4.2	5
268	A Review on Blockchain-Based Electronic Health Record (EHR) System for Secure Data Storage. Algorithms for Intelligent Systems, 2024, , 15-27.	0.6	0
269	Data Verifiable Personalized Access Control Electronic Healthcare Record Sharing Based on Blockchain in IoT Environment. IEEE Internet of Things Journal, 2024, 11, 5696-5707.	8.7	0
270	Of digital transformation in the healthcare (systematic review of the current state of the literature). Health and Technology, 0, , .	3.6	0
271	Secure Internet of medical Things (IoMT) based on ECMQV-MAC authentication protocol and EKMC-SCP blockchain networking. Information Sciences, 2024, 654, 119783.	6.9	6
272	SIOCEN: Secure Integrity Verification of Outsourced Data in Cloud Storage using Blockchain. Lecture Notes in Computer Science, 2023, , 595-613.	1.3	0
273	Blockchain and Healthcare: A Critical Analysis of Progress and Challenges in the Last Five Years. , 2023, 1, 73-89.		2
274	The Role of Blockchain Technology in Ensuring Security and Immutability of Open Data in Healthcare. Lecture Notes in Networks and Systems, 2023, , 317-327.	0.7	0
275	Secure authentication protocol-based blockchain in IoT platform for health care monitoring using DKHMAC proof of work. AIP Conference Proceedings, 2023, , .	0.4	0
276	Role of Internet-of-Things During Covid-19. , 2023, , 129-213.		0
277	Decentralised Application for Health Insurance management using Blockchain. , 2023, , .		0
278	Blockchain Technology: A Vehicle for Efficient and Comprehensive Medical Application Solutions. , 2023, , 93-114.		0
279	A blockchain based medicine production and distribution framework to prevent medicine counterfeit. Journal of King Saud University - Computer and Information Sciences, 2024, 36, 101851.	3.9	0
280	Foresight study about the use of blockchain to prevent employees' psychological distress: research avenues and insights for HRM practitioners. Foresight, 0, , .	2.1	0
281	Smart Endoscopy Is Greener Endoscopy: Leveraging Artificial Intelligence and Blockchain Technologies to Drive Sustainability in Digestive Health Care. Diagnostics, 2023, 13, 3625.	2.6	1
282	Securing AI-based healthcare systems using blockchain technology: A state-of-the-art systematic literature review and future research directions. Transactions on Emerging Telecommunications Technologies, 2024, 35, .	3.9	2
283	A Complete Review of Block Chain Technology in the Health Sector. , 2023, , 54-76.		0



#	ARTICLE	IF	CITATIONS
284	Capabilities of Distributed Artificial Intelligence in Medicine. , 2023, , .		0
285	Privacy and Security in Blockchain: A Comprehensive Analysis of Techniques and Threats. , 2023, , .		0
286	Transforming Healthcare: The Revolutionary Benefits of Cashless Healthcare Services. Cureus, 2023, , .	0.5	0
287	A critique of blockchain in healthcare sector. , 2024, , 205-231.		0
288	Bibliometric Analysis of Blockchain in the Healthcare Domain. Intelligent and Converged Networks, 2023, 4, 305-312.	4.8	0
289	A review of Smart future of healthcare in the digital age to improve Quality of orthopaedic patient care in metaverse called: The Healthverse!!.. Journal of Clinical Orthopaedics and Trauma, 2024, 48, 102340.	1.5	0
290	COVID-19 Vaccine Supply chain management by Blockchain. VFAST Transactions on Software Engineering, 2022, 10, 109-115.	0.0	0
291	Blockchain-Enabled Detection of Neurological Disorders Using a Deep Learning Approach. , 0, , .		0
292	Identifying the Barriers to Acceptance of Blockchain-Based Patient-Centric Data Management Systems in Healthcare. Healthcare (Switzerland), 2024, 12, 345.	2.0	0
293	Fintech-Enabled Telemedicine. Advances in Finance, Accounting, and Economics, 2024, , 313-330.	0.3	0
294	A blockchain privacy-conserving framework for secure medical data transmission in the internet of medical things. Decision Analytics Journal, 2024, 10, 100419.	4.8	0
295	Towards Blockchain Driven Solution for Remote Healthcare Service: An Analytical Study. Signals and Communication Technology, 2024, , 59-79.	0.5	0
296	Revolutionizing Health Data Management With Blockchain Technology. Advances in Healthcare Information Systems and Administration Book Series, 2024, , 153-175.	0.2	12
297	The role of blockchain technology in the tourism industry: analyzing the factors affecting its adoption. Quality and Quantity, 0, , .	3.7	0
298	Revolutionizing Healthcare Data Management: A Comprehensive Review of Blockchain Application. , 2023, , .		0
299	Drug Traceability - Divine or Challenge for Pharma Sector. International Journal of Scientific Research in Computer Science Engineering and Information Technology, 2024, , 154-159.	0.3	0
300	Healthcare 5.0: A secure and distributed network for system informatics in medical surgery. International Journal of Medical Informatics, 2024, 186, 105415.	3.3	0
301	Achieving Sustainable Development Goals in Cyber Security Using AIoT for Healthcare Application. Lecture Notes on Data Engineering and Communications Technologies, 2024, , 207-231.	0.7	0

#	ARTICLE	IF	CITATIONS
302	Blockchain-Based Intelligent, Interactive Healthcare Systems. Advances in Medical Technologies and Clinical Practice Book Series, 2024, , 92-115.	0.3	0