# Proposing New Blockchain Challenges in eHealth

Citation Report

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 1 | The rise of "blockchain" bibliometric analysis of blockchain study. Scientometrics, 2019, 120, 1289-1331. | 3.0 | 113 |
| 2 | A Systematic Review for Enabling of Develop a Blockchain Technology in Healthcare Application: Taxonomy, Substantially Analysis, Motivations, Challenges, Recommendations and Future Direction. Journal of Medical Systems, 2019, 43, 320. | 3.6 | 155 |
| 3 | Blockchain Technology in Healthcare: A Comprehensive Review and Directions for Future Research. Applied Sciences (Switzerland), 2019, 9, 1736. | 2.5 | 302 |
| 4 | Privacy-Preserving Statistical Analysis of Health Data Using Paillier Homomorphic Encryption and Permissioned Blockchain. , 2019, , . | | 9 |
| 5 | Blockchain in Health Data Systems: A Survey. , 2019, , . | | 21 |
| 6 | Security and privacy-preserving in e-health: A new framework for patient. Internet of Things (Netherlands), 2020, 12, 100290. | 7.7 | 5 |
| 8 | The benefits and threats of blockchain technology in healthcare: A scoping review. International Journal of Medical Informatics, 2020, 142, 104246. | 3.3 | 201 |
| 9 | Enabling the efficiency of Blockchain Technology in Tele-Healthcare with Enhanced EMR. , 2020, , . | | 0 |
| 10 | Energy-Efficient IoT-Health Monitoring System using Approximate Computing. Internet of Things (Netherlands), 2020, 9, 100166. | 7.7 | 50 |
| 11 | Word2vec-based latent semantic analysis (W2V-LSA) for topic modeling: A study on blockchain technology trend analysis. Expert Systems With Applications, 2020, 152, 113401. | 7.6 | 86 |
| 12 | Towards understanding cybersecurity capability in Australian healthcare organisations: a systematic review of recent trends, threats and mitigation. Intelligence and National Security, 2020, 35, 556-585. | 0.6 | 28 |
| 13 | Determining the Intellectual Structure and Academic Trends of Smart Home Health Care Research: Coword and Topic Analyses. Journal of Medical Internet Research, 2021, 23, e19625. | 4.3 | 8 |
| 14 | On Performance of PBFT Blockchain Consensus Algorithm for IoT-Applications With Constrained Devices. IEEE Access, 2021, 9, 80559-80570. | 4.2 | 37 |
| 15 | 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 |
| 16 | A Study on the Relationship between Usability of GUIs and Power Consumption of a PC: The Case of PHRs. International Journal of Environmental Research and Public Health, 2021, 18, 1385. | 2.6 | 2 |
| 17 | Amanuensis: Information provenance for health-data systems. Information Processing and Management, 2021, 58, 102460. | 8.6 | 36 |
| 18 | Blockchain-enabled pharmaceutical cold chain: Applications, key challenges, and future trends. Journal of Cleaner Production, 2021, 302, 127021. | 9.3 | 78 |
| 19 | Blockchain technology in the healthcare industry: Trends and opportunities. Journal of Industrial Information Integration, 2021, 22, 100217. | 6.4 | 82 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 20 | A systematic review of enabling blockchain in healthcare system: Analysis, current status, challenges and future direction. Materials Today: Proceedings, 2023, 80, 3010-3015. | 1.8 | 20 |
| 21 | Lightweight Blockchain Processing. Case Study: Scanned Document Tracking on Tezos Blockchain. Applied Sciences (Switzerland), 2021, 11, 7169. | 2.5 | 18 |
| 22 | A survey: Making â€œSmart Contractsâ€•really smart. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4338. | 3.9 | 3 |
| 23 | Blockchain-based Initiatives: Current state and challenges. Computer Networks, 2021, 198, 108395. | 5.1 | 49 |
| 24 | Toward eHealth with Blockchain: Success Factors for Crowdfunding with ICOs. Smart Innovation, Systems and Technologies, 2021, , 209-226. | 0.6 | 0 |
| 26 | B4HEALTH - AN ARCHITECTURE MODEL FOR PERSONAL HEALTH RECORDS WITH HL7 FHIR AND HYPERLEDGER FABRIC. , 2019, , . | | 0 |
| 28 | Trust Execution Environment and Multi-party Computation for Blockchain e-Health Systems. Lecture Notes in Computer Science, 2020, , 277-286. | 1.3 | 0 |
| 30 | Blockchain Application to the Cancer Registry Database. International Journal of Healthcare Information Systems and Informatics, 2020, 15, 70-87. | 0.9 | 2 |
| 31 | How Does Smart Healthcare Service Affect Resident Health in the Digital Age? Empirical Evidence From 105 Cities of China. Frontiers in Public Health, 2021, 9, 833687. | 2.7 | 12 |
| 32 | Blockchain Technology: A Breakthrough in the Healthcare Sector. , 2022, , 137-160. | | 0 |
| 33 | Cybersecurity Challenges in Blockchain Technology: A Scoping Review. Human Behavior and Emerging Technologies, 2022, 2022, 1-11. | 4.4 | 16 |
| 34 | A Comparative Analysis of Various Blockchain Hardware Platforms Using Ethereum. , 2021, , . | | 0 |
| 35 | Utilizing a Blockchain for Managing Sensor Metadata in Exposure Health Studies. , 2022, , . | | 1 |
| 36 | Privacy and Securization of Patient Data in a Neural Blockchain: The Case of the Ehealth Phisicos Platform. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 37 | Survey of Techniques on Data Leakage Protection and Methods to address the Insider threat. Cluster Computing, 2022, 25, 4289-4302. | 5.0 | 5 |
| 38 | Healthcare Applications Using Blockchain Technology: Motivations and Challenges. IEEE Transactions on Engineering Management, 2023, 70, 2874-2890. | 3.5 | 27 |
| 39 | Secured blind digital certificate and Lamport Merkle cloud assisted medical image sharing using blockchain. Multimedia Tools and Applications, 0, , . | 3.9 | 0 |
| 40 | Mapping Blockchain Technology Prospects and Solutions in the Healthcare Industry for Pandemic Crises. Springer Series on Bio- and Neurosystems, 2022, , 579-599. | 0.2 | 0 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 41 | Characterization of technologies in digital health applied in vision care. Journal of Optometry, 2022, , . | 1.3 | 2 |
| 42 | eHealth: A Survey of Architectures, Developments in mHealth, Security Concerns and Solutions. International Journal of Environmental Research and Public Health, 2022, 19, 13071. | 2.6 | 9 |
| 45 | 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 |
| 47 | A Blockchain Based Patient Consent Management Technique for Electronic Health Record Sharing. , 2022, , . | | 0 |
| 48 | Analyzing web descriptions of cybersecurity breaches in the healthcare provider sector: A content analytics research method. Computers and Security, 2023, 129, 103185. | 6.0 | 1 |
| 49 | Blockchain-based privacy and security preserving in electronic health: a systematic review. Multimedia Tools and Applications, 2023, 82, 28493-28519. | 3.9 | 9 |
| 50 | Heimdall: Blockchain-Based Consent Management Framework. , 2023, , . | | 0 |
| 51 | An Efficient Storage Solution for Healthcare Management Systems Using Cloud. , 2022, , . | | 1 |
| 52 | H2UMANISM: Holistic Healthcare Supply Chain Management for Precision Medicine. , 2023, , 1-25. | | 0 |
| 53 | A systematic review of privacy-preserving methods deployed with blockchain and federated learning for the telemedicine. Healthcare Analytics, 2023, 3, 100192. | 4.3 | 5 |
| 54 | Comprehensive review for healthcare data quality challenges in blockchain technology. Frontiers in Big Data, 0, 6, . | 2.9 | 1 |
| 55 | H2UMANISM: Holistic Healthcare Supply Chain Management for Precision Medicine. , 2023, , 367-390. | | 0 |
| 56 | Modeling Barriers to the Adoption of Blockchain Technology in the Indian Healthcare Sector: An Integrated Fuzzy-Dematel Approach. Springer Proceedings in Business and Economics, 2023, , 147-167. | 0.3 | 0 |
| 57 | Blockchain Technology Adoption in Construction Projects Logistics in South Africa: Militating Factors. Lecture Notes in Networks and Systems, 2023, , 341-354. | 0.7 | 0 |
| 58 | A critical literature review of security and privacy in smart home healthcare schemes adopting IoT &amp; blockchain: Problems, Challenges and Solutions. Blockchain: Research and Applications, 2023, , 100178. | 6.7 | 1 |
| 59 | Scheme of the Software Engineering Elements that Are Part of the Development of eHealth-Oriented Models and Frameworks. Communications in Computer and Information Science, 2024, , 255-266. | 0.5 | 0 |
| 60 | Addressing Planetary Health through the Blockchainâ€"Hype or Hope? A Scoping Review. Challenges, 2024, 15, 3. | 1.7 | 0 |
| 61 | Enabling secure health information sharing among healthcare organizations by public blockchain. Multimedia Tools and Applications, 0, , . | 3.9 | 0 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 62 | A systematic state-of-art review on digital identity challenges with solutions using conjugation of IOT and blockchain in healthcare. Internet of Things (Netherlands), 2024, 25, 101111. | 7.7 | 0 |
| 63 | Transformative synergy: SSEHCETâ€"bridging mobile edge computing and AI for enhanced eHealth security and efficiency. Journal of Cloud Computing: Advances, Systems and Applications, 2024, 13, . | 3.9 | 1 |