

Randhir Kumar

List of Publications by Year in descending order

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26
papers

1,135
citations

758635

12
h-index

794141

19
g-index

26
all docs

26
docs citations

26
times ranked

602
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | PPSF: A Privacy-Preserving and Secure Framework Using Blockchain-Based Machine-Learning for IoT-Driven Smart Cities. IEEE Transactions on Network Science and Engineering, 2021, 8, 2326-2341. | 4.1 | 179 |
| 2 | Traceability of counterfeit medicine supply chain through Blockchain. , 2019, , . | | 122 |
| 3 | SP2F: A secured privacy-preserving framework for smart agricultural Unmanned Aerial Vehicles. Computer Networks, 2021, 187, 107819. | 3.2 | 109 |
| 4 | Distributed Off-Chain Storage of Patient Diagnostic Reports in Healthcare System Using IPFS and Blockchain. , 2020, , . | | 76 |
| 5 | A Distributed framework for detecting DDoS attacks in smart contract-based Blockchain-IoT Systems by leveraging Fog computing. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4112. | 2.6 | 76 |
| 6 | Towards design and implementation of security and privacy framework for Internet of Medical Things (IoMT) by leveraging blockchain and IPFS technology. Journal of Supercomputing, 2021, 77, 7916-7955. | 2.4 | 70 |
| 7 | Implementation of Distributed File Storage and Access Framework using IPFS and Blockchain. , 2019, , . | | 67 |
| 8 | A secured distributed detection system based on IPFS and blockchain for industrial image and video data security. Journal of Parallel and Distributed Computing, 2021, 152, 128-143. | 2.7 | 66 |
| 9 | P2TIF: A Blockchain and Deep Learning Framework for Privacy-Preserved Threat Intelligence in Industrial IoT. IEEE Transactions on Industrial Informatics, 2022, 18, 6358-6367. | 7.2 | 51 |
| 10 | A Privacy-Preserving-Based Secure Framework Using Blockchain-Enabled Deep-Learning in Cooperative Intelligent Transport System. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 16492-16503. | 4.7 | 50 |
| 11 | A distributed intrusion detection system to detect DDoS attacks in blockchain-enabled IoT network. Journal of Parallel and Distributed Computing, 2022, 164, 55-68. | 2.7 | 49 |
| 12 | Scalable and secure access control policy for healthcare system using blockchain and enhanced Bellare-Lapadula model. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 2321-2338. | 3.3 | 38 |
| 13 | P2SF-IoV: A Privacy-Preservation-Based Secured Framework for Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 22571-22582. | 4.7 | 35 |
| 14 | DBTP2SF: A deep blockchain-based trustworthy privacy-preserving secured framework in industrial internet of things systems. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4222. | 2.6 | 26 |
| 15 | Blockchain-Based Framework for Data Storage in Peer-to-Peer Scheme Using Interplanetary File System. , 2020, , 35-59. | | 23 |
| 16 | BDTwin: An Integrated Framework for Enhancing Security and Privacy in Cybertwin-Driven Automotive Industrial Internet of Things. IEEE Internet of Things Journal, 2022, 9, 17110-17119. | 5.5 | 22 |
| 17 | Blockchain and Deep Learning Empowered Secure Data Sharing Framework for Softwarized UAVs. , 2022, , . | | 16 |
| 18 | Secure Healthcare Framework Using Blockchain and Public Key Cryptography. Advances in Information Security, 2020, , 185-202. | 0.9 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A Secure and Distributed Framework for sharing COVID-19 patient Reports using Consortium Blockchain and IPFS. , 2020, , . | | 11 |
| 20 | Big-data driven approaches in materials science: A survey. Materials Today: Proceedings, 2020, 26, 1245-1249. | 0.9 | 10 |
| 21 | Large-Scale Data Storage Scheme in Blockchain Ledger Using IPFS and NoSQL. Advances in Information Security, Privacy, and Ethics Book Series, 2021, , 91-116. | 0.4 | 8 |
| 22 | Building an IPFS and Blockchain-Based Decentralized Storage Model for Medical Imaging. Advances in Information Security, Privacy, and Ethics Book Series, 2021, , 19-40. | 0.4 | 5 |
| 23 | Blockchain and Deep Learning for Cyber Threat-Hunting in Software-Defined Industrial IoT. , 2022, , . | | 5 |
| 24 | SMDSB: Efficient Off-Chain Storage Model for Data Sharing in Blockchain Environment. Advances in Intelligent Systems and Computing, 2021, , 225-240. | 0.5 | 4 |
| 25 | Data Provenance and Access Control Rules for Ownership Transfer Using Blockchain. International Journal of Information Security and Privacy, 2021, 15, 87-112. | 0.6 | 3 |
| 26 | Content-Based Transaction Access From Distributed Ledger of Blockchain Using Average Hash Technique. Advances in Data Mining and Database Management Book Series, 2021, , 34-50. | 0.4 | 1 |