

# Rahul Johari

## List of Publications by Year in descending order

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Version: 2024-02-01

96  
papers

742  
citations

1163117

8  
h-index

1058476

14  
g-index

109  
all docs

109  
docs citations

109  
times ranked

403  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | IOT based Electrical Device Surveillance and Control System. , 2019, , .  |     | 105       |
| 2  | A Survey on Web Application Vulnerabilities (SQLIA, XSS) Exploitation and Security Engine for SQL Injection. , 2012, , .  |     | 77        |
| 3  | CRAIoT: Concept, Review and Application(s) of IoT. , 2019, , .  |     | 53        |
| 4  | Studies on activated carbon derived from neem (azadirachta indica) bio-waste, and its application as supercapacitor electrode. Materials Research Express, 2018, 5, 045601.             | 1.6 | 47        |
| 5  | Integrated approach to prevent SQL injection attack and reflected cross site scripting attack. International Journal of Systems Assurance Engineering and Management, 2012, 3, 343-351. | 2.4 | 26        |
| 6  | Big data analysis: Issues and challenges. , 2015, , .   |     | 25        |
| 7  | A New Framework for Credit Card Transactions Involving Mutual Authentication between Cardholder and Merchant. , 2011, , .   |     | 19        |
| 8  | Novel and green synthesis of chemically reduced graphene sheets using Phyllanthus emblica (Indian) Tj ETQq0 0 0 rBT /Overlock 10 Tf 18  | 1.6 | 18        |
| 9  | BCD: BigData, cloud computing and distributed computing. , 2015, , .  |     | 17        |
| 10 | Dual-energy application of NiO: Electrochemical and photovoltaic properties. Optik, 2019, 179, 485-491.   | 2.9 | 17        |
| 11 | ORuML: Optimized Routing in wireless networks using Machine Learning. International Journal of Communication Systems, 2020, 33, e4394.  | 2.5 | 17        |
| 12 | Superficial Synthesis of CdS Quantum Dots for an Efficient Perovskite-Sensitized Solar Cell. Energy & Fuels, 2021, 35, 8430-8435.   | 5.1 | 16        |
| 13 | CACBR. , 2013, , .  |     | 15        |
| 14 | An extended Playfair Cipher using rotation and random swap patterns. , 2014, , .  |     | 11        |
| 15 | Big data application: Study and archival of mental health data, using MongoDB. , 2016, , .  |     | 11        |
| 16 | Secure Query Processing in Delay Tolerant Network Using Java Cryptography Architecture. , 2011, , .   |     | 10        |
| 17 | Big Data: A Boon or Bane - The Big Question. , 2016, , .  |     | 10        |
| 18 | Penetration Testing in IoT Network. , 2020, , .   |     | 10        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Routing in MANET using cluster based approach (RIMCA). , 2014, , .  |     | 8         |
| 20 | CRIB: Cyber crime investigation, data archival and analysis using big data tool. , 2016, , .  |     | 8         |
| 21 | Triplicative Cipher Technique. Procedia Computer Science, 2016, 78, 217-223.  | 2.0 | 8         |
| 22 | CAVEAT: Credit Card Vulnerability Exhibition and Authentication Tool. Communications in Computer and Information Science, 2014, , 391-399.  | 0.5 | 8         |
| 23 | BlockChain Technology based Smart Contract Agreement on REMIX IDE. , 2021, , .  |     | 8         |
| 24 | Part. , 2016, , .   |     | 7         |
| 25 | IoT: Internet of Things Application. Advances in Intelligent Systems and Computing, 2016, , 235-247.  | 0.6 | 7         |
| 26 | DSG-PC: Dynamic Social Grouping Based Routing for Non-uniform Buffer Capacities in DTN Supported with Periodic Carriers. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 1-15. | 0.3 | 7         |
| 27 | POSOP Routing Algorithm: A DTN Routing Scheme for Information Connectivity of Health Centres in Hilly State of North India. International Journal of Distributed Sensor Networks, 2015, 11, 376861.   | 2.2 | 7         |
| 28 | Query execution evaluation in wireless network using MyHadoop. , 2015, , .  |     | 6         |
| 29 | CLCT: Cross Language Cipher Technique. Communications in Computer and Information Science, 2015, , 217-227.   | 0.5 | 6         |
| 30 | SOAiCE: Simulation of Attacks in Cloud Computing Environment. , 2018, , .   |     | 6         |
| 31 | UIDC: Cloud based UID application. , 2017, , .  |     | 5         |
| 32 | C&inf&gt;3&lt;/inf&gt;T: Cloud based Cyclic Cryptographic Technique and itâ€™s comparative analysis with classical cipher techniques. , 2018, , .   |     | 5         |
| 33 | Enhanced Epidemic Routing Protocol in Delay Tolerant Networks. , 2018, , .  |     | 5         |
| 34 | START: Smart Stick based on TLC Algorithm in IoT Network for Visually Challenged Persons. , 2020, , .   |     | 5         |
| 35 | EAST: Exploitation of Attacks and System Threats in Network. Advances in Intelligent Systems and Computing, 2015, , 601-611.  | 0.6 | 5         |
| 36 | VAST: Volume adaptive searching technique for optimized routing in mobile ad-hoc networks. , 2014, , .  |     | 4         |

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|----|---|-----|-----------|
| 37 | GAACO: Metaheuristic driven approach for routing in OppNet. , 2014, , .   |     | 4         |
| 38 | Delay tolerant network: routing issues and performance. International Journal of Autonomic Computing, 2016, 2, 99.  | 0.2 | 4         |
| 39 | METHS: Mapping from English language to Hindi language for secure commercial transactions. , 2016, , .  |     | 4         |
| 40 | Review of big data tools for healthcare system with case study on patient database storage methodology. , 2016, , .   |     | 4         |
| 41 | HCAB: HealthCare analysis and data archival using big data tool. , 2016, , .  |     | 4         |
| 42 | SCLCT: Secured cross language cipher technique. , 2017, , .   |     | 4         |
| 43 | GA-LORD: Genetic Algorithm and LTPCL-Oriented Routing Protocol in Delay Tolerant Network. Lecture Notes in Electrical Engineering, 2016, , 141-154.   | 0.4 | 4         |
| 44 | Statistical Survey of Data Mining Techniques: A Walk-Through Approach Using MongoDB. Lecture Notes in Networks and Systems, 2019, , 145-158.  | 0.7 | 4         |
| 45 | Insecure Query Processing in the Delay/Fault Tolerant Mobile Sensor Network (DFT-MSN) and Mobile Peer to Peer Network. Communications in Computer and Information Science, 2011, , 453-462.     | 0.5 | 4         |
| 46 | B-VAST: Buffer-volume adaptive searching technique for optimized routing in opportunistic networks. , 2013, , .   |     | 3         |
| 47 | Optimization of the issues in the migration from Android Native to Hybrid Application: Case study of Student's Portal application. , 2014, , .  |     | 3         |
| 48 | PJCT: Penetration testing based JAVA code testing tool. , 2015, , .   |     | 3         |
| 49 | Unique Identifier System Using Aneka Platform. Advances in Intelligent Systems and Computing, 2016, , 437-445.  | 0.6 | 3         |
| 50 | Trending Pattern Analysis of Twitter Using Spark Streaming. Communications in Computer and Information Science, 2018, , 3-13.   | 0.5 | 3         |
| 51 | Corpus Based Twitter Sentiment Analysis. SSRN Electronic Journal, 0, , .  | 0.4 | 3         |
| 52 | Novel honey mediated green synthesis of Graphene@Ag Nanocomposite and its two-dimensional application in photovoltaic and anti-microbial activity. Materials Research Express, 2019, 6, 115071. | 1.6 | 3         |
| 53 | Identification of Centrality Measures in Social Network using Network Science. , 2019, , .  |     | 3         |
| 54 | SEVA: Secure E-Voting Application in Cyber Physical System. Cyber-Physical Systems, 2020, , 1-31.   | 2.0 | 3         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Routing in IoT Network using CupCarbon Simulator. , 2020, , .   |     | 3         |
| 56 | Analysis of Social Network: A Community Oriented Case Study. International Journal of Computer Applications, 2015, 110, 29-37.                                  | 0.2 | 3         |
| 57 | PRiDE: Priority and Reliability Based Routing in Delay Tolerant Network. Lecture Notes in Electrical Engineering, 2020, , 1016-1027.                            | 0.4 | 3         |
| 58 | TLC Algorithm in IoT Network for Visually Challenged Persons. Advances in Intelligent Systems and Computing, 2020, , 313-323.                                   | 0.6 | 3         |
| 59 | Genetically optimized ACO inspired PSO algorithm for DTNs. , 2014, , .  |     | 2         |
| 60 | BDN: Biodegradable Node, Novel Approach for Routing in Delay Tolerant Network. Advances in Intelligent Systems and Computing, 2017, , 731-739.                  | 0.6 | 2         |
| 61 | BiDuR: Big data analysis in UAF using R-voting system. , 2017, , .  |     | 2         |
| 62 | Hydrothermal synthesis of poly(3,4-ethylenedioxythiophene) for high-rate performance supercapacitor. AIP Conference Proceedings, 2018, , .                      | 0.4 | 2         |
| 63 | LBCLCT: Location Based Cross Language Cipher Technique. EAI/Springer Innovations in Communication and Computing, 2020, , 221-234.                               | 1.1 | 2         |
| 64 | S2NOW: Secure Social Network Ontology Using WhatsApp. Security and Communication Networks, 2021, 2021, 1-21.  | 1.5 | 2         |
| 65 | CRiPT: Cryptography in Penetration Testing. Advances in Intelligent Systems and Computing, 2016, , 95-106.  | 0.6 | 2         |
| 66 | SARPS: Sentiment Analysis of Review(S) Posted on Social Network. Communications in Computer and Information Science, 2019, , 326-337.                           | 0.5 | 2         |
| 67 | CBCT: CryptoCurrency Based Blockchain Technology. Communications in Computer and Information Science, 2020, , 90-99.  | 0.5 | 2         |
| 68 | BLAST: Blockchain Algorithm for Secure Transaction. International Journal of Security and Its Applications, 2019, 13, 59-66.                                    | 0.8 | 2         |
| 69 | Survey of Security Issues in Cloud. , 2022, , .   |     | 2         |
| 70 | Matimo: metaheuristic approach towards implementation of membership models in opportunistic network. , 2013, , .  |     | 1         |
| 71 | CONCOR: context-aware community-oriented routing for intermittently connected network. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, . | 2.4 | 1         |
| 72 | ART: Analysis of routing techniques in Delay Tolerant Network. , 2016, , .  |     | 1         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | MVM: MySQL Versus MongoDB. Advances in Intelligent Systems and Computing, 2016, , 899-909.   | 0.6 | 1         |
| 74 | Experimental Evaluation of Routing Schemes for Intermittently Connected Wireless Mobile Networks. Wireless Personal Communications, 2016, 87, 897-921. | 2.7 | 1         |
| 75 | Mercurial Cipher: A New Cipher Technique and Comparative Analysis with Classical Cipher Techniques. , 2019, , .  |     | 1         |
| 76 | ASTITVA: Assistive Special Tools and Technologies for Inclusion of Visually Challenged. , 2021, , .  |     | 1         |
| 77 | CAR-DSDV: Context Aware Routing In Delay Tolerant Network (DTN). International Journal of Security and Its Applications, 2019, 13, 13-26.              | 0.8 | 1         |
| 78 | Applications of DTN. , 2018, , 260-266.  |     | 1         |
| 79 | Routing in IoT using MQTT Protocol. , 2020, , .  |     | 1         |
| 80 | BEST: Blockchain-Enabled Secure Technology in a healthcare management system. , 2022, , 267-282.   |     | 1         |
| 81 | As-Puma : Anycast Semantics In Parking Using Metaheuristic Approach. International Journal on AdHoc Networking Systems, 2013, 3, 11-17.                | 0.7 | 0         |
| 82 | MeNDARIN. , 2016, , .  |     | 0         |
| 83 | NEST-ec: Network security testing of erasure codes. , 2016, , .  |     | 0         |
| 84 | CbdA: Cloud Computing Based DMIS on ANEKA. Communications in Computer and Information Science, 2017, , 3-10.   | 0.5 | 0         |
| 85 | DTN routing: Secure message transmission in border defence system. , 2017, , .   |     | 0         |
| 86 | Secure Text Dissemination in Delay Tolerant Networks. Smart Innovation, Systems and Technologies, 2018, , 413-420.                                     | 0.6 | 0         |
| 87 | Remote Online Voting System using Aneka Platform. , 2018, , .  |     | 0         |
| 88 | Design and Development of Optimized Scheduling Algorithm for Software As A Service Based Applications in Secure Cloud Environment. , 2019, , .         |     | 0         |
| 89 | e-PRAN: Enhanced prophet routing algorithm in delay tolerant networks. Journal of Information and Optimization Sciences, 2020, 41, 1525-1535.          | 0.3 | 0         |
| 90 | Identification and Implementation of Network Science Models for Centrality Measure using Social Network Analysis. , 2020, , .                          |     | 0         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 91 | QUIET: Quatro-Inverse Exponential Cipher Technique. EAI/Springer Innovations in Communication and Computing, 2021, , 279-301.   | 1.1 | 0         |
| 92 | FOG-EE Computing: Fog, Edge and Elastic Computing, New Age Cloud Computing Paradigms. Advances in Intelligent Systems and Computing, 2022, , 579-589.                 | 0.6 | 0         |
| 93 | Analysis of Query Based Attack in the Delay/Fault Tolerant Mobile Sensor Network. International Journal of Ad Hoc Sensor & Ubiquitous Computing, 2011, 2, 119-132.    | 0.4 | 0         |
| 94 | Resource Provisioning of UID Application in Cloud Computing Domain. SSRN Electronic Journal, 0, , .   | 0.4 | 0         |
| 95 | RED: Resource Management in Remote Inaccessible Terrains by Exploitation of DTN Contacts. International Journal of Future Computer and Communication, 2018, 7, 86-90. | 1.3 | 0         |
| 96 | EMBRACE: Electronic Medical Record Safety, Blockchain to the Rescue. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 605-613.              | 0.7 | 0         |