# Avita Katal

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 37 papers | 740 citations | 2258059<br>3 h-index | 1720034<br>7 g-index |
| 37 all docs | 37 docs citations | 37 times ranked | 586 citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 1 | Energy efficiency in cloud computing data center: a survey on hardware technologies. Cluster Computing, 2022, 25, 675-705. | 5.0 | 28 |
| 2 | Curriculum Design and Development: A Case for Higher Education in India. International Journal of Pedagogy and Curriculum, 2022, 29, 45-66. | 0.1 | 0 |
| 3 | Enhancing Teaching and Learning through Peer Observation: An Indian Case Study. Education Research International, 2022, 2022, 1-13. | 1.1 | 1 |
| 4 | Virtual Machine Scaling in Autonomic Cloud Resource Management. EAI/Springer Innovations in Communication and Computing, 2021, , 301-323. | 1.1 | 0 |
| 5 | Mitigating the Effects of Fake News using Blockchain and Machine Learning. , 2021, , . | | 5 |
| 6 | Criminal Combat: Crime Analysis and Prediction Using Machine Learning. , 2021, , . | | 4 |
| 7 | IoT based Safety System: LPG/CNG Detection and Alert. , 2021, , . | | 6 |
| 8 | Real Time Stock Market Analysis. , 2021, , . | | 5 |
| 9 | Simulated Annealing based approach for Virtual Machine Live Migration. , 2021, , . | | 1 |
| 10 | Comparison of Server Load Balancing Techniques in Cloud Simulated Environment. , 2021, , . | | 0 |
| 11 | Blockchain Consensus Algorithms: Study and Challenges. EAI/Springer Innovations in Communication and Computing, 2021, , 45-64. | 1.1 | 1 |
| 12 | Ensuring Social Distancing using Artificial Intelligence: Distancia-the new normal. , 2021, , . | | 1 |
| 13 | Optimal metro route identification using Q-Learning. , 2021, , . | | 0 |
| 14 | Memory Leak Detection Tools: A Comparative Analysis. , 2021, , . | | 1 |
| 15 | Cloud Container Placement Policies: A Study and Comparison. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 513-524. | 0.7 | 3 |
| 16 | Obstacle Avoidance Vehicle Integrated With Cloud. , 2020, , . | | 3 |
| 17 | DevOps: Bridging the gap between Development and Operations. , 2019, , . | | 10 |
| 18 | An Intelligent SLA based Cloudlet Allocation Strategy using Machine Learning. , 2018, , . | | 0 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | An Energy Aware Policy for Mapping and Migrating Virtual Machines in Cloud Environment Using Migration Factor. , 2018, , . | | 2 |
| 20 | CAMQU: A Cloudlet Allocation Strategy Using Multilevel Queue and User Factor. Communications in Computer and Information Science, 2018, , 168-182. | 0.5 | 1 |
| 21 | An Optimized Time Series based Two Phase Strategy Pre-Copy Algorithm for Live Virtual Machine Migration. International Journal of Engineering Research & Technology, 2017, V6, . | 0.2 | 2 |
| 22 | An Optimized Task Scheduling Algorithm in Cloud Computing. , 2016, , . | | 39 |
| 23 | Bus Locator: Application for Time Management and Security. , 2015, , . | | 0 |
| 24 | Efficient Protocol Prediction Algorithm for MANET Multimedia Transmission Under JF Periodic Dropping Attack. Advances in Intelligent Systems and Computing, 2014, , 419-428. | 0.6 | 0 |
| 25 | Hacktivism trends, digital forensic tools and challenges: A survey. , 2013, , . | | 20 |
| 26 | Implementation and Embellishment of Prevention of Keylogger Spyware Attacks. Communications in Computer and Information Science, 2013, , 262-271. | 0.5 | 4 |
| 27 | Misdirection attack in WSN: Topological analysis and an algorithm for delay and throughput prediction. , 2013, , . | | 7 |
| 28 | Big data: Issues, challenges, tools and Good practices. , 2013, , . | | 496 |
| 29 | Effective Clustering Technique for Selecting Cluster Heads and Super Cluster Head in MANET. , 2013, , . | | 2 |
| 30 | A cluster based detection and prevention mechanism against novel datagram chunk dropping attack in MANET multimedia transmission. , 2013, , . | | 9 |
| 31 | Authentication and authorization: Domain specific Role Based Access Control using Ontology. , 2013, , . | | 1 |
| 32 | Detection and prevention mechanism for Blackhole attack in Wireless Sensor Network. , 2013, , . | | 40 |
| 33 | A framework for detection and prevention of novel keylogger spyware attacks. , 2013, , . | | 21 |
| 34 | E-TCP for efficient performance of MANET under JF delay variance attack. , 2013, , . | | 11 |
| 35 | TBESP algorithm for Wireless Sensor Network under Blackhole attack. , 2013, , . | | 1 |
| 36 | Cluster and super cluster based intrusion detection and prevention techniques for JellyFish Reorder Attack. , 2012, , . | | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Information storage on the cloud: A survey of effective storage management system. , 2012, , . | | 7 |