

# Avita Katal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9131046/publications.pdf>

Version: 2024-02-01

37  
papers

740  
citations

2258059

3  
h-index

1720034

7  
g-index

37  
all docs

37  
docs citations

37  
times ranked

586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Big data: Issues, challenges, tools and Good practices. , 2013, , .		496
2	Detection and prevention mechanism for Blackhole attack in Wireless Sensor Network. , 2013, , .		40
3	An Optimized Task Scheduling Algorithm in Cloud Computing. , 2016, , .		39
4	Energy efficiency in cloud computing data center: a survey on hardware technologies. Cluster Computing, 2022, 25, 675-705.	5.0	28
5	A framework for detection and prevention of novel keylogger spyware attacks. , 2013, , .		21
6	Hacktivism trends, digital forensic tools and challenges: A survey. , 2013, , .		20
7	E-TCP for efficient performance of MANET under JF delay variance attack. , 2013, , .		11
8	DevOps: Bridging the gap between Development and Operations. , 2019, , .		10
9	A cluster based detection and prevention mechanism against novel datagram chunk dropping attack in MANET multimedia transmission. , 2013, , .		9
10	Cluster and super cluster based intrusion detection and prevention techniques for JellyFish Reorder Attack. , 2012, , .		8
11	Information storage on the cloud: A survey of effective storage management system. , 2012, , .		7
12	Misdirection attack in WSN: Topological analysis and an algorithm for delay and throughput prediction. , 2013, , .		7
13	IoT based Safety System: LPG/CNG Detection and Alert. , 2021, , .		6
14	Mitigating the Effects of Fake News using Blockchain and Machine Learning. , 2021, , .		5
15	Real Time Stock Market Analysis. , 2021, , .		5
16	Implementation and Embellishment of Prevention of Keylogger Spyware Attacks. Communications in Computer and Information Science, 2013, , 262-271.	0.5	4
17	Criminal Combat: Crime Analysis and Prediction Using Machine Learning. , 2021, , .		4
18	Cloud Container Placement Policies: A Study and Comparison. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 513-524.	0.7	3

#	ARTICLE	IF	CITATIONS
19	Obstacle Avoidance Vehicle Integrated With Cloud. , 2020, , .		3
20	Effective Clustering Technique for Selecting Cluster Heads and Super Cluster Head in MANET. , 2013, , .		2
21	An Energy Aware Policy for Mapping and Migrating Virtual Machines in Cloud Environment Using Migration Factor. , 2018, , .		2
22	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
23	Authentication and authorization: Domain specific Role Based Access Control using Ontology. , 2013, , .		1
24	TBESP algorithm for Wireless Sensor Network under Blackhole attack. , 2013, , .		1
25	CAMQU: A Cloudlet Allocation Strategy Using Multilevel Queue and User Factor. Communications in Computer and Information Science, 2018, , 168-182.	0.5	1
26	Simulated Annealing based approach for Virtual Machine Live Migration. , 2021, , .		1
27	Blockchain Consensus Algorithms: Study and Challenges. EAI/Springer Innovations in Communication and Computing, 2021, , 45-64.	1.1	1
28	Ensuring Social Distancing using Artificial Intelligence: Distancia-the new normal. , 2021, , .		1
29	Memory Leak Detection Tools: A Comparative Analysis. , 2021, , .		1
30	Enhancing Teaching and Learning through Peer Observation: An Indian Case Study. Education Research International, 2022, 2022, 1-13.	1.1	1
31	Bus Locator: Application for Time Management and Security. , 2015, , .		0
32	An Intelligent SLA based Cloudlet Allocation Strategy using Machine Learning. , 2018, , .		0
33	Virtual Machine Scaling in Autonomic Cloud Resource Management. EAI/Springer Innovations in Communication and Computing, 2021, , 301-323.	1.1	0
34	Comparison of Server Load Balancing Techniques in Cloud Simulated Environment. , 2021, , .		0
35	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
36	Optimal metro route identification using Q-Learning. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	Curriculum Design and Development: A Case for Higher Education in India. International Journal of Pedagogy and Curriculum, 2022, 29, 45-66.	0.1	0