

# Radhya Sahal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6233332/publications.pdf>

Version: 2024-02-01

24  
papers

910  
citations

623188

14  
h-index

642321

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

544  
citing authors

#	ARTICLE	IF	CITATIONS
1	Green IoT for Eco-Friendly and Sustainable Smart Cities: Future Directions and Opportunities. Mobile Networks and Applications, 2023, 28, 178-202.	2.2	83
2	Blockchain-Based Digital Twins Collaboration for Smart Pandemic Alerting: Decentralized COVID-19 Pandemic Alerting Use Case. Computational Intelligence and Neuroscience, 2022, 2022, 1-14.	1.1	37
3	Computing in the Sky: A Survey on Intelligent Ubiquitous Computing for UAV-Assisted 6G Networks and Industry 4.0/5.0. Drones, 2022, 6, 177.	2.7	54
4	Predicting Systolic Blood Pressure in Real-Time Using Streaming Data and Deep Learning. Mobile Networks and Applications, 2021, 26, 326-335.	2.2	13
5	Industry 4.0 towards Forestry 4.0: Fire Detection Use Case. Sensors, 2021, 21, 694.	2.1	35
6	Explainable Artificial Intelligence (XAI) to Enhance Trust Management in Intrusion Detection Systems Using Decision Tree Model. Complexity, 2021, 2021, 1-11.	0.9	104
7	Real-Time System Prediction for Heart Rate Using Deep Learning and Stream Processing Platforms. Complexity, 2021, 2021, 1-9.	0.9	20
8	Trust in Intrusion Detection Systems: An Investigation of Performance Analysis for Machine Learning and Deep Learning Models. Complexity, 2021, 2021, 1-23.	0.9	13
9	Digital Twins Collaboration for Automatic Erratic Operational Data Detection in Industry 4.0. Applied Sciences (Switzerland), 2021, 11, 3186.	1.3	23
10	Green internet of things using UAVs in B5G networks: A review of applications and strategies. Ad Hoc Networks, 2021, 117, 102505.	3.4	114
11	The Role of Medication Data to Enhance the Prediction of Alzheimer's Progression Using Machine Learning. Computational Intelligence and Neuroscience, 2021, 2021, 1-8.	1.1	8
12	Machine Learning for Smart Environments in B5G Networks: Connectivity and QoS. Computational Intelligence and Neuroscience, 2021, 2021, 1-23.	1.1	28
13	Blockchain-Empowered Digital Twins Collaboration: Smart Transportation Use Case. Machines, 2021, 9, 193.	1.2	65
14	Exploiting Reused-Based Sharing Work Opportunities in Big Data Multiquery Optimization with Flink. Big Data, 2021, 9, 454-479.	2.1	1
15	An Optimized Hybrid Deep Learning Model to Detect COVID-19 Misleading Information. Computational Intelligence and Neuroscience, 2021, 2021, 1-15.	1.1	8
16	Big data and stream processing platforms for Industry 4.0 requirements mapping for a predictive maintenance use case. Journal of Manufacturing Systems, 2020, 54, 138-151.	7.6	213
17	Exploiting Sharing Join Opportunities in Big Data Multiquery Optimization with Flink. Complexity, 2020, 2020, 1-25.	0.9	2
18	Predicting Coronavirus Pandemic in Real-Time Using Machine Learning and Big Data Streaming System. Complexity, 2020, 2020, 1-10.	0.9	34

#	ARTICLE	IF	CITATIONS
19	SOOM: Sort-Based Optimizer for Big Data Multi-Query. Big Data, 2020, 8, 38-61.	2.1	4
20	On Evaluating the Impact of Changes in IoT Data Streams Rate over Query Window Configurations. , 2019, , .		2
21	iHOME: Index-Based JOIN Query Optimization for Limited Big Data Storage. Journal of Grid Computing, 2018, 16, 345-380.	2.5	13
22	Exploiting coarse-grained reused-based opportunities in Big Data multi-query optimization. Journal of Computational Science, 2018, 26, 432-452.	1.5	17
23	Big data multi-query optimisation with Apache Flink. International Journal of Web Engineering and Technology, 2018, 13, 78.	0.1	5
24	Comparative Study of Multi-query Optimization Techniques using Shared Predicate-based for Big Data. International Journal of Grid and Distributed Computing, 2016, 9, 229-240.	0.8	14