

# Redowan Mahmud

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7556582/publications.pdf>

Version: 2024-02-01

15  
papers

1,840  
citations

840776  
11  
h-index

1281871  
11  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1564  
citing authors

#	ARTICLE	IF	CITATIONS
1	Con-Pi: A Distributed Container-Based Edge and Fog Computing Framework. IEEE Internet of Things Journal, 2022, 9, 4125-4138.	8.7	23
2	iFogSim2: An extended iFogSim simulator for mobility, clustering, and microservice management in edge and fog computing environments. Journal of Systems and Software, 2022, 190, 111351.	4.5	75
3	One-Dimensional CNN Approach for ECG Arrhythmia Analysis in Fog-Cloud Environments. IEEE Access, 2021, 9, 103513-103523.	4.2	46
4	Application Management in Fog Computing Environments. ACM Computing Surveys, 2021, 53, 1-43.	23.0	112
5	Simulating Fog Computing Applications Using iFogSim Toolkit. , 2021, , 565-590.		8
6	Software-Defined Multi-domain Tactical Networks: Foundations and Future Directions. , 2021, , 183-227.		2
7	Profit-aware application placement for integrated Fogâ€“Cloud computing environments. Journal of Parallel and Distributed Computing, 2020, 135, 177-190.	4.1	87
8	Context-Aware Placement of Industry 4.0 Applications in Fog Computing Environments. IEEE Transactions on Industrial Informatics, 2020, 16, 7004-7013.	11.3	60
9	Data Allocation Mechanism for Internet-of-Things Systems With Blockchain. IEEE Internet of Things Journal, 2020, 7, 3509-3522.	8.7	44
10	FogBus: A Blockchain-based Lightweight Framework for Edge and Fog Computing. Journal of Systems and Software, 2019, 154, 22-36.	4.5	265
11	Latency-Aware Application Module Management for Fog Computing Environments. ACM Transactions on Internet Technology, 2019, 19, 1-21.	4.4	161
12	Quality of Experience (QoE)-aware placement of applications in Fog computing environments. Journal of Parallel and Distributed Computing, 2019, 132, 190-203.	4.1	214
13	Edge Affinity-based Management of Applications in Fog Computing Environments. , 2019, , .		17
14	Cloud-Fog Interoperability in IoT-enabled Healthcare Solutions. , 2018, , .		109
15	Fog Computing: A Taxonomy, Survey and Future Directions. Internet of Things, 2018, , 103-130.	1.7	538