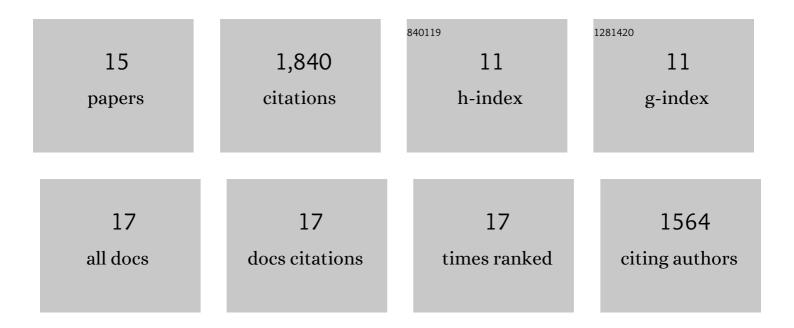
## Redowan Mahmud

List of Publications by Year in descending order

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REDOWAN MAHMUD

| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Fog Computing: A Taxonomy, Survey and Future Directions. Internet of Things, 2018, , 103-130.   | 1.3  | 538       |
| 2  | FogBus: A Blockchain-based Lightweight Framework for Edge and Fog Computing. Journal of Systems and Software, 2019, 154, 22-36.   | 3.3  | 265       |
| 3  | Quality of Experience (QoE)-aware placement of applications in Fog computing environments. Journal of Parallel and Distributed Computing, 2019, 132, 190-203.                             | 2.7  | 214       |
| 4  | Latency-Aware Application Module Management for Fog Computing Environments. ACM Transactions on Internet Technology, 2019, 19, 1-21.  | 3.0  | 161       |
| 5  | Application Management in Fog Computing Environments. ACM Computing Surveys, 2021, 53, 1-43.  | 16.1 | 112       |
| 6  | Cloud-Fog Interoperability in IoT-enabled Healthcare Solutions. , 2018, , .   |      | 109       |
| 7  | Profit-aware application placement for integrated Fog–Cloud computing environments. Journal of<br>Parallel and Distributed Computing, 2020, 135, 177-190.                                 | 2.7  | 87        |
| 8  | 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. | 3.3  | 75        |
| 9  | Context-Aware Placement of Industry 4.0 Applications in Fog Computing Environments. IEEE<br>Transactions on Industrial Informatics, 2020, 16, 7004-7013.                                  | 7.2  | 60        |
| 10 | One-Dimensional CNN Approach for ECG Arrhythmia Analysis in Fog-Cloud Environments. IEEE Access, 2021, 9, 103513-103523.  | 2.6  | 46        |
| 11 | Data Allocation Mechanism for Internet-of-Things Systems With Blockchain. IEEE Internet of Things<br>Journal, 2020, 7, 3509-3522.   | 5.5  | 44        |
| 12 | Con-Pi: A Distributed Container-Based Edge and Fog Computing Framework. IEEE Internet of Things<br>Journal, 2022, 9, 4125-4138.   | 5.5  | 23        |
| 13 | Edge Affinity-based Management of Applications in Fog Computing Environments. , 2019, , .   |      | 17        |
| 14 | Simulating Fog Computing Applications Using iFogSim Toolkit. , 2021, , 565-590.   |      | 8         |
| 15 | Software-Defined Multi-domain Tactical Networks: Foundations and Future Directions. , 2021, , 183-227.  |      | 2         |

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