

# Atay Ozgovde

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2245344/publications.pdf>

Version: 2024-02-01

31  
papers

1,031  
citations

1040056

9  
h-index

996975

15  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1208  
citing authors

#	ARTICLE	IF	CITATIONS
1	How Can Edge Computing Benefit From Software-Defined Networking: A Survey, Use Cases, and Future Directions. IEEE Communications Surveys and Tutorials, 2017, 19, 2359-2391.	39.4	353
2	EdgeCloudSim: An environment for performance evaluation of edge computing systems. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3493.	3.9	221
3	EdgeCloudSim: An environment for performance evaluation of Edge Computing systems. , 2017, , .		119
4	Fuzzy Workload Orchestration for Edge Computing. IEEE Transactions on Network and Service Management, 2019, 16, 769-782.	4.9	92
5	Phone position/placement detection using accelerometer: Impact on activity recognition. , 2015, , .		48
6	Machine Learning-Based Workload Orchestrator for Vehicular Edge Computing. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2239-2251.	8.0	48
7	Distributed and Online Fair Resource Management in Video Surveillance Sensor Networks. IEEE Transactions on Mobile Computing, 2012, 11, 835-848.	5.8	24
8	Performance evaluation of single-tier and two-tier cloudlet assisted applications. , 2017, , .		24
9	SDN-Based Multi-Tier Computing and Communication Architecture for Pervasive Healthcare. IEEE Access, 2018, 6, 56765-56781.	4.2	13
10	Fault tolerance in SDN data plane considering network and application based metrics. Journal of Network and Computer Applications, 2020, 170, 102780.	9.1	11
11	Optimal server and service deployment for multi-tier edge cloud computing. Computer Networks, 2021, 199, 108393.	5.1	11
12	WCOT: A utility based lifetime metric for wireless sensor networks. Computer Communications, 2009, 32, 409-418.	5.1	10
13	Enabling service-centric networks for cloudlets using SDN. , 2017, , .		10
14	ARService: A Smartphone based Crowd-Sourced Data Collection and Activity Recognition Framework. Procedia Computer Science, 2018, 130, 1019-1024.	2.0	6
15	HETEROGENEOUS SENSOR DATA EXPLORATION AND SUSTAINABLE DECLARATIVE MONITORING ARCHITECTURE: APPLICATION TO SMART BUILDING. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-4/W1, 97-104.	0.0	6
16	Topological Measures for the Analysis of Wireless Sensor Networks. Procedia Computer Science, 2012, 10, 397-404.	2.0	4
17	Implementing service-centric model with P4: A fully-programmable approach. , 2018, , .		4
18	Improving the Energy Efficiency of Wearable Computing Units Using on Sensor Fifo Memory. International Journal of E-Education E-Business E-Management and E-Learning, 2015, 5, 105-113.	0.3	4

#	ARTICLE	IF	CITATIONS
19	Effect of sleep schedule and frame rate on the capabilities of Video Sensor Networks. , 2008, , .		3
20	Application specific dynamic sleep scheduling. , 2015, , .		3
21	SLA-aware optimal resource allocation for service-oriented networks. Future Generation Computer Systems, 2019, 101, 959-974.	7.5	3
22	WCOT: A Realistic Lifetime Metric for the Performance Evaluation of Wireless Sensor Networks. , 2007, , .		2
23	Position-aware activity recognition on mobile phones. , 2014, , .		2
24	Energy Enhancement of Multi-application Monitoring Systems for Smart Buildings. Lecture Notes in Business Information Processing, 2016, , 131-142.	1.0	2
25	Dynamic energy-aware sensor configuration in multi-application monitoring systems. Pervasive and Mobile Computing, 2017, 41, 192-204.	3.3	2
26	Enhancing QoE for Video Streaming Considering Congestion: A Fault Tolerance Approach. , 2019, , .		2
27	Characterization of mobile applications according to their energy consumptions. , 2014, , .		1
28	Real-time multi-application based sensor flux management. , 2016, , .		0
29	Fault tolerant data plane using SDN. , 2017, , .		0
30	Application-Aware Dynamic Energy Management for Portable Devices. Computer, 2019, 52, 62-72.	1.1	0
31	Wireless Health Monitoring of Multiple Patients on Android Phone with Embedded Computation. , 2012, , .		0