Atay Ozgovde

List of Publications by Year
in descending order

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	Machine Learning-Based Workload Orchestrator for Vehicular Edge Computing. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2239-2251.	8.0	48
2	Optimal server and service deployment for multi-tier edge cloud computing. Computer Networks, 2021, 199, 108393.	5.1	11
3	Fault tolerance in SDN data plane considering network and application based metrics. Journal of Network and Computer Applications, 2020, 170, 102780.	9.1	11
4	SLA-aware optimal resource allocation for service-oriented networks. Future Generation Computer Systems, 2019, 101, 959-974.	7.5	3
5	Application-Aware Dynamic Energy Management for Portable Devices. Computer, 2019, 52, 62-72.	1.1	0
6	Fuzzy Workload Orchestration for Edge Computing. IEEE Transactions on Network and Service Management, 2019, 16, 769-782.	4.9	92
7	Enhancing QoE for Video Streaming Considering Congestion: A Fault Tolerance Approach. , 2019, , .		2
8	ARService: A Smartphone based Crowd-Sourced Data Collection and Activity Recognition Framework. Procedia Computer Science, 2018, 130, 1019-1024.	2.0	6
9	SDN-Based Multi-Tier Computing and Communication Architecture for Pervasive Healthcare. IEEE Access, 2018, 6, 56765-56781.	4.2	13
10	EdgeCloudSim: An environment for performance evaluation of edge computing systems. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3493.	3.9	221
11	Implementing service-centric model with P4: A fully-programmable approach. , 2018, , .		4
12	EdgeCloudSim: An environment for performance evaluation of Edge Computing systems. , 2017, , .		119
13	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
14	Dynamic energy-aware sensor configuration in multi-application monitoring systems. Pervasive and Mobile Computing, 2017, 41, 192-204.	3.3	2
15	Performance evaluation of single-tier and two-tier cloudlet assisted applications. , 2017, , .		24
16	Fault tolerant data plane using SDN. , 2017, , .		0
17	Enabling service-centric networks for cloudlets using SDN. , 2017, , .		10
18	Energy Enhancement of Multi-application Monitoring Systems for Smart Buildings. Lecture Notes in Business Information Processing, 2016, , 131-142.	1.0	2

#	Article	IF	Citations
19	Real-time multi-application based sensor flux management. , 2016, , .		0
20	Application specific dynamic sleep scheduling. , 2015, , .		3
21	Phone position/placement detection using accelerometer: Impact on activity recognition. , 2015, , .		48
22	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
23	Position-aware activity recognition on mobile phones. , 2014, , .		2
24	Characterization of mobile applications according to their energy consumptions. , 2014, , .		1
25	Topological Measures for the Analysis of Wireless Sensor Networks. Procedia Computer Science, 2012, 10, 397-404.	2.0	4
26	Distributed and Online Fair Resource Management in Video Surveillance Sensor Networks. IEEE Transactions on Mobile Computing, 2012, 11, 835-848.	5.8	24
27	Wireless Health Monitoring of Multiple Patients on Android Phone with Embedded Computation. , 2012, , .		0
28	WCOT: A utility based lifetime metric for wireless sensor networks. Computer Communications, 2009, 32, 409-418.	5.1	10
29	Effect of sleep schedule and frame rate on the capabilities of Video Sensor Networks. , 2008, , .		3
30	WCOT: A Realistic Lifetime Metric for the Performance Evaluation of Wireless Sensor Networks. , 2007, , .		2
31	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