

# Dzmitry Kliazovich

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11935504/publications.pdf>

Version: 2024-02-01

30  
papers

2,152  
citations

687363

13  
h-index

1125743

13  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2062  
citing authors

#	ARTICLE	IF	CITATIONS
1	GreenCloud: a packet-level simulator of energy-aware cloud computing data centers. Journal of Supercomputing, 2012, 62, 1263-1283.	3.6	402
2	A Survey on Mobile Crowdsensing Systems: Challenges, Solutions, and Opportunities. IEEE Communications Surveys and Tutorials, 2019, 21, 2419-2465.	39.4	334
3	GreenCloud: A Packet-Level Simulator of Energy-Aware Cloud Computing Data Centers. , 2010, , .		184
4	Energy-efficient data replication in cloud computing datacenters. Cluster Computing, 2015, 18, 385-402.	5.0	184
5	DENS: data center energy-efficient network-aware scheduling. Cluster Computing, 2013, 16, 65-75.	5.0	173
6	An overview of energy efficiency techniques in cluster computing systems. Cluster Computing, 2013, 16, 3-15.	5.0	160
7	A survey on resource allocation in high performance distributed computing systems. Parallel Computing, 2013, 39, 709-736.	2.1	112
8	CrowdSenSim: a Simulation Platform for Mobile Crowdsensing in Realistic Urban Environments. IEEE Access, 2017, 5, 3490-3503.	4.2	92
9	CA-DAG: Modeling Communication-Aware Applications for Scheduling in Cloud Computing. Journal of Grid Computing, 2016, 14, 23-39.	3.9	67
10	e-STAB: Energy-Efficient Scheduling for Cloud Computing Applications with Traffic Load Balancing. , 2013, , .		65
11	Intelligent Gaming for Mobile Crowd-Sensing Participants to Acquire Trustworthy Big Data in the Internet of Things. IEEE Access, 2017, 5, 22209-22223.	4.2	63
12	A Cost-Effective Distributed Framework for Data Collection in Cloud-Based Mobile Crowd Sensing Architectures. IEEE Transactions on Sustainable Computing, 2017, 2, 3-16.	3.1	62
13	Energy-efficient data replication in cloud computing datacenters. , 2013, , .		34
14	Minimum Dependencies Energy-Efficient Scheduling in Data Centers. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 3561-3574.	5.6	25
15	HEROS: Energy-Efficient Load Balancing for Heterogeneous Data Centers. , 2015, , .		24
16	CloudNetSim++: A toolkit for data center simulations in OMNET++. , 2014, , .		21
17	CA-DAG: Communication-Aware Directed Acyclic Graphs for Modeling Cloud Computing Applications. , 2013, , .		20
18	Why energy matters? Profiling energy consumption of mobile crowdsensing data collection frameworks. Pervasive and Mobile Computing, 2018, 51, 193-208.	3.3	20

#	ARTICLE	IF	CITATIONS
19	A Holistic Model for Resource Representation in Virtualized Cloud Computing Data Centers. , 2013, , .		17
20	CloudNetSim++: A GUI Based Framework for Modeling and Simulation of Data Centers in OMNeT++. IEEE Transactions on Services Computing, 2017, 10, 506-519.	4.6	16
21	High-Precision Design of Pedestrian Mobility for Smart City Simulators. , 2018, , .		15
22	Profiling Energy Efficiency of Mobile Crowdsensing Data Collection Frameworks for Smart City Applications. , 2018, , .		13
23	Models for efficient data replication in cloud computing datacenters. , 2015, , .		12
24	Accounting for load variation in energy-efficient data centers. , 2013, , .		7
25	The Impact of Human Mobility on Edge Data Center Deployment in Urban Environments. , 2019, , .		7
26	Simulating communication processes in energy-efficient cloud computing systems. , 2012, , .		4
27	Performance Metrics for Data Center Communication Systems. , 2015, , .		3
28	Energy-Aware Scheduling with Computing and Data Consolidation Balance in 3-Tier Data Center. , 2016, , .		1
29	Crowdsensing architectures for smart cities. , 2020, , 527-542.		1
30	Dynamic Communication-Aware Scheduling with Uncertainty of Workflow Applications in Clouds. Communications in Computer and Information Science, 2016, , 169-187.	0.5	0