Jukka K Nurminen

List of Publications by Year
in descending order

25 papers	680 citations	1162367 8 h-index	1058022 14 g-index
25 all docs	25 docs citations	25 times ranked	854 citing authors

#	Article	IF	Citations
1	How low energy is bluetooth low energy? Comparative measurements with ZigBee/802.15.4. , 2012, , .		221
2	Energy Efficient Multimedia Streaming to Mobile Devices â€" A Survey. IEEE Communications Surveys and Tutorials, 2014, 16, 579-597.	24.8	112
3	Energy- and Cost-Efficiency Analysis of ARM-Based Clusters. , 2012, , .		59
4	Cellular-based vehicle to pedestrian (V2P) adaptive communication for collision avoidance. , 2014, , .		50
5	Adding semantics to internet of things. Concurrency Computation Practice and Experience, 2015, 27, 1844-1860.	1.4	42
6	Mobile Phone Call Data as a Regional Socio-Economic Proxy Indicator. PLoS ONE, 2015, 10, e0124160.	1.1	38
7	Mobile multimedia streaming techniques: QoE and energy saving perspective. Pervasive and Mobile Computing, 2015, 16, 96-114.	2.1	28
8	Using Viewing Statistics to Control Energy and Traffic Overhead in Mobile Video Streaming. IEEE/ACM Transactions on Networking, 2016, 24, 1489-1503.	2.6	23
9	Optimized Upload Strategies for Live Scalable Video Transmission from Mobile Devices. IEEE Transactions on Mobile Computing, 2017, 16, 1059-1072.	3.9	18
10	Systematic literature review of validation methods for AI systems. Journal of Systems and Software, 2021, 181, 111050.	3.3	17
11	Energy Cost of Advertisements in Mobile Games on the Android Platform. , 2012, , .		16
12	Adaptive Root Cause Analysis for Self-Healing in 5G Networks. , 2017, , .		12
13	On misbehaviour and fault tolerance in machine learning systems. Journal of Systems and Software, 2022, 183, 111096.	3.3	11
14	Leveraging Parallel Communications for Minimizing Energy Consumption on Smartphones. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2778-2790.	4.0	6
15	Node co-activations as a means of error detectionâ€"Towards fault-tolerant neural networks. Array, 2022, 15, 100201.	2.5	6
16	Modeling resource constrained BitTorrent proxies for energy efficient mobile content sharing. Peer-to-Peer Networking and Applications, 2012, 5, 163-177.	2.6	4
17	Electric vehicles communicating with WebSockets - measurements and estimations. , 2013, , .		4
18	Energy Profiling Using IgProf. , 2015, , .		4

#	Article	IF	Citations
19	Analysis of Potential Shift to Low-Carbon Urban Travel Modes: A Computational Framework Based on High-Resolution Smartphone Data. Sustainability, 2020, 12, 5901.	1.6	3
20	A Computational Framework for Revealing Competitive Travel Times with Low-Carbon Modes Based on Smartphone Data Collection. Journal of Advanced Transportation, 2020, 2020, 1-20.	0.9	2
21	Exploring the delay versus quality tradeoff in real-time streaming of scalable video from mobile devices. , 2015, , .		1
22	Self-optimization of power parameters in WCDMA networks. , 2015, , .		1
23	Business-aware son coordinator for LTE-A networks. , 2016, , .		1
24	QuantMark: A Benchmarking API for VQE Algorithms. IEEE Transactions on Quantum Engineering, 2022, 3, 1-6.	2.9	1
25	Creating green incentives and mechanisms through packet-level energy accounting. , 2012, , .		0