Teemu LeppÃ¤nen

List of Publications by Year
in descending order

33 papers	**663** citations	1163117 **8** h-index	1058476 **14** g-index
36 all docs	**36** docs citations	**36** times ranked	**724** citing authors

#	Article	IF	Citations
1	CloudThings: A common architecture for integrating the Internet of Things with Cloud Computing. , 2013, , .		154
2	Distributed Road Surface Condition Monitoring Using Mobile Phones. Lecture Notes in Computer Science, 2011, , 64-78.	1.3	108
3	Machine Learning Meets Communication Networks: Current Trends and Future Challenges. IEEE Access, 2020, 8, 223418-223460.	4.2	58
4	Decentralized Iot Edge Nanoservice Architecture for Future Gadget-Free Computing. IEEE Access, 2019, 7, 119856-119872.	4.2	34
5	Smart mask â€" Wearable IoT solution for improved protection and personal health. Internet of Things (Netherlands), 2022, 18, 100511.	7.7	34
6	Mobile Agents for Integration of Internet of Things and Wireless Sensor Networks. , 2013, , .		23
7	Distributed resource directory architecture in Machine-to-Machine communications. , 2013, , .		23
8	Augmented Reality Web Applications with Mobile Agents in the Internet of Things. , 2014, , .		22
9	ubiGaze. , 2016, , .		22
10	Mobile crowdsensing with mobile agents. Autonomous Agents and Multi-Agent Systems, 2017, 31, 1-35.	2.1	19
11	Open-source RANs in Practice: an Over-The-Air Deployment for 5G MEC. , 2019, , .		18
12	Distributed Resource Discovery in the Machine-to-Machine Applications. , 2013, , .		15
13	Mobile road weather sensor calibration by sensor fusion and linear mixed models. PLoS ONE, 2019, 14, e0211702.	2.5	13
14	Stream Reasoning for the Internet of Things. , 2016, , .		11
15	Edge-Based Microservices Architecture for Internet of Things: Mobility Analysis Case Study. , 2019, , .		11
16	Service modeling for opportunistic edge computing systems with feature engineering. Computer Communications, 2020, 157, 308-319.	5.1	11
17	Distributed Artificial Intelligence with Multi-Agent Systems for MEC. , 2019, , .		8
18	Holistic energy consumption monitoring in buildings with IP-based wireless sensor networks. , 2012, , .		6

#	Article	IF	Citations
19	Enabling user-centered interactions in the Internet of Things. , 2016, , .		6
20	Edge-supported Microservice-based Resource Discovery for Mist Computing. , 2020, , .		6
21	Experiences with smart city traffic pilot. , 2016, , .		5
22	Developing Agent-Based Smart Objects for IoT Edge Computing: Mobile Crowdsensing Use Case. Lecture Notes in Computer Science, 2018, , 235-247.	1.3	5
23	Energy efficient opportunistic edge computing for the Internet of Things. Web Intelligence, 2019, 17, 209-227.	0.2	4
24	UBI-AMI: Real-Time Metering of Energy Consumption at Homes Using Multi-Hop IP-based Wireless Sensor Networks. Lecture Notes in Computer Science, 2011, , 274-284.	1.3	4
25	Sensor Information Representation for the Internet of Things. Lecture Notes in Computer Science, 2012, , 515-524.	1.3	3
26	ADHT: Agent-based DHT architecture for constrained devices. , 2014, , .		3
27	Towards EDISON: An Edge-Native Approach to Distributed Interpolation of Environmental Data. , 2019, , .		3
28	On using continuations in wireless sensor networks. , 2012, , .		2
29	Interoperable mobile agents in heterogeneous wireless sensor networks. , 2013, , .		2
30	Sensor Network Architecture for Cooperative Traffic Applications. , 2010, , .		1
31	Dynamic Data Processing Middleware for Sensor Networks. Lecture Notes in Computer Science, 2012, , 141-147.	1.3	1
32	Hand-to-Hand instant message communication: Revisiting Morse code. , 2014, , .		0
33	Programming sensor networks with nomadic NFC transponders. , 2016, , .		0