Thomas Noel

List of Publications by Year in descending order

28 papers	1,128 citations	840119 11 h-index	1125271 13 g-index
28 all docs	28 docs citations	28 times ranked	1080 citing authors

#	Article	IF	Citations
1	Using Machine Learning Algorithms for Breast Cancer Risk Prediction and Diagnosis. Procedia Computer Science, 2016, 83, 1064-1069.	1.2	458
2	Data quality in internet of things: A state-of-the-art survey. Journal of Network and Computer Applications, 2016, 73, 57-81.	5.8	247
3	Big data in healthcare: Challenges and opportunities. , 2015, , .		43
4	Mobile IPv6 in Internet of Things: Analysis, experimentations and optimizations. Ad Hoc Networks, 2014, 14, 15-25.	3.4	39
5	Performance evaluation methods in ad hoc and wireless sensor networks: a literature study. , 2016, 54, 122-128.		38
6	Medium access controlfacing the reality of WSN deployments. Computer Communication Review, 2009, 39, 22-27.	1.5	34
7	Adding value to WSN simulation using the IoT-LAB experimental platform. , 2013, , .		34
8	Experimental Evaluation of Simulcast for WebRTC. IEEE Communications Standards Magazine, 2017, 1, 52-59.	3.6	33
9	Low-power neighbor discovery for mobility-aware wireless sensor networks. Ad Hoc Networks, 2016, 48, 66-79.	3.4	28
10	Using SensLAB as a First Class Scientific Tool for Large Scale Wireless Sensor Network Experiments. Lecture Notes in Computer Science, 2011, , 147-159.	1.0	28
11	Improving the medium access in highly mobile Wireless Sensor Networks. Telecommunication Systems, 2013, 52, 2437-2458.	1.6	25
12	Wireless Medium Access Control under Mobility and Bursty Traffic Assumptions in WSNs. Mobile Networks and Applications, 2015, 20, 649-660.	2.2	18
13	Heterogeneous MAC duty-cycling for energy-efficient Internet of Things deployments. Networking Science, 2013, 3, 54-62.	1.2	13
14	Thorough Empirical Analysis of X-MAC Over a Large Scale Internet of Things Testbed. IEEE Sensors Journal, 2014, 14, 383-392.	2.4	12
15	A model-driven framework for data quality management in the Internet of Things. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 977-998.	3.3	12
16	Auto-adaptive MAC for energy-efficient burst transmissions in wireless sensor networks. , 2011, , .		10
17	Enhancing ContikiMAC for bursty traffic in mobile sensor networks. , 2014, , .		8
18	MOBINET: Mobility management across different wireless sensor networks. , 2011, , .		7

#	Article	IF	Citations
19	Performance evaluation of mobile IPv6 over 6LoWPAN. , 2012, , .		7
20	Toward a packet duplication control for opportunistic routing in WSNs. , 2014, , .		7
21	Optimizing the handover delay in mobile WSNs. , 2015, , .		7
22	Machiavel: Accessing the medium in mobile and dense WSN. , 2009, , .		6
23	From versatility to auto-adaptation of the medium access control in wireless sensor networks. Journal of Parallel and Distributed Computing, 2011, 71, 1236-1248.	2.7	6
24	A Mobility-Supporting MAC Scheme for Bursty Traffic in IoT and WSNs. , 2016, , .		6
25	Mathematical Foundations of the Layered Mobility Model Architecture - LEMMA. , 2009, , .		1
26	LIFT: Layer Independent Fault Tolerance Mechanism for Wireless Sensor Networks. , 2011, , .		1
27	Localized MAC duty-cycling adaptations for global energy-efficiency in Wireless Sensor Networks. , 2013, , .		0
28	Experimental Evaluation of Dynamic Switching between One-on-One and Group Video Calling. , 2018, , .		0