# Thomas Noel

## List of Publications by Year in Descending Order



| | | | |
|---|---|---|---|
| 25 papers | 700 citations | 12 h-index | 26 g-index |
| 28 ext. papers | 935 ext. citations | 3.3 avg, IF | 4.2 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 25 | A model-driven framework for data quality management in the Internet of Things. *Journal of Ambient Intelligence and Humanized Computing*, **2018**, 9, 977-998 | 3.7 | 7 |
| 24 | Experimental Evaluation of Simulcast for WebRTC. *IEEE Communications Standards Magazine*, **2017**, 1, 52-59 | 3.3 | 19 |
| 23 | Low-power neighbor discovery for mobility-aware wireless sensor networks. *Ad Hoc Networks*, **2016** , 48, 66-79 | 4.8 | 25 |
| 22 | Performance evaluation methods in ad hoc and wireless sensor networks: a literature study **2016**, 54, 122-128 | | 24 |
| 21 | A Mobility-Supporting MAC Scheme for Bursty Traffic in IoT and WSNs **2016**, | | 6 |
| 20 | Using Machine Learning Algorithms for Breast Cancer Risk Prediction and Diagnosis. *Procedia Computer Science*, **2016**, 83, 1064-1069 | 1.6 | 235 |
| 19 | Data quality in internet of things: A state-of-the-art survey. *Journal of Network and Computer Applications*, **2016**, 73, 57-81 | 7.9 | 157 |
| 18 | Big data in healthcare: Challenges and opportunities **2015**, | | 32 |
| 17 | Wireless Medium Access Control under Mobility and Bursty Traffic Assumptions in WSNs. *Mobile Networks and Applications*, **2015**, 20, 649-660 | 2.9 | 16 |
| 16 | Optimizing the handover delay in mobile WSNs **2015**, | | 6 |
| 15 | Mobile IPv6 in Internet of Things: Analysis, experimentations and optimizations. *Ad Hoc Networks*, **2014**, 14, 15-25 | 4.8 | 31 |
| 14 | Thorough Empirical Analysis of X-MAC Over a Large Scale Internet of Things Testbed. *IEEE Sensors Journal*, **2014**, 14, 383-392 | 4 | 8 |
| 13 | Toward a packet duplication control for opportunistic routing in WSNs **2014**, | | 7 |
| 12 | Enhancing ContikiMAC for bursty traffic in mobile sensor networks **2014**, | | 8 |
| 11 | Heterogeneous MAC duty-cycling for energy-efficient Internet of Things deployments. *Networking Science*, **2013**, 3, 54-62 | | 9 |
| 10 | Improving the medium access in highly mobile Wireless Sensor Networks. *Telecommunication Systems*, **2013**, 52, 2437-2458 | 2.3 | 18 |
| 9 | Adding value to WSN simulation using the IoT-LAB experimental platform **2013**, | | 28 |

# List of Publications

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|---|---|---|---|
| 8 | Performance evaluation of mobile IPv6 over 6LoWPAN **2012**, | | 4 |
| 7 | From versatility to auto-adaptation of the medium access control in wireless sensor networks. *Journal of Parallel and Distributed Computing*, **2011**, 71, 1236-1248 | 4.4 | 4 |
| 6 | Auto-adaptive MAC for energy-efficient burst transmissions in wireless sensor networks **2011**, | | 6 |
| 5 | MOBINET: Mobility management across different wireless sensor networks **2011**, | | 6 |
| 4 | LIFT: Layer Independent Fault Tolerance Mechanism for Wireless Sensor Networks **2011**, | | 1 |
| 3 | Using SensLAB as a First Class Scientific Tool for Large Scale Wireless Sensor Network Experiments. *Lecture Notes in Computer Science*, **2011**, 147-159 | 0.9 | 19 |
| 2 | Machiavel: Accessing the medium in mobile and dense WSN **2009**, | | 4 |
| 1 | Medium access controlfacing the reality of WSN deployments. *Computer Communication Review*, **2009**, 39, 22-27 | 1.4 | 20 |