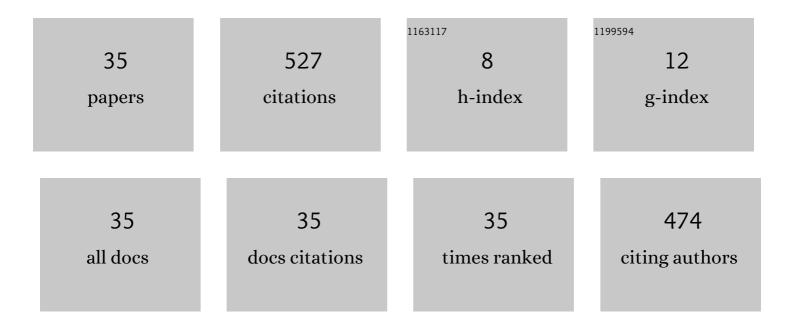
Danny Hughes

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Extending sensor networks into the Cloud using Amazon Web Services. , 2010, , . | | 75 |
| 2 | LooCl. , 2009, , . | | 66 |
| 3 | DeltaloT: A Self-Adaptive Internet of Things Exemplar. , 2017, , . | | 48 |
| 4 | Experiences with open overlays. , 2008, , . | | 39 |
| 5 | A middleware platform to support river monitoring using wireless sensor networks. Journal of the Brazilian Computer Society, 2011, 17, 85-102. | 1.3 | 37 |
| 6 | Composition challenges and approaches for cyber physical systems. , 2010, , . | | 35 |
| 7 | An experiment with reflective middleware to support gridâ€based flood monitoring. Concurrency Computation Practice and Experience, 2008, 20, 1303-1316. | 2.2 | 34 |
| 8 | Towards the provision of site specific flood warnings using wireless sensor networks. Meteorological Applications, 2009, 16, 57-64. | 2.1 | 25 |
| 9 | S The Security MicroVisor: A Formally-Verified Software-Based Security Architecture for the Internet of Things. IEEE Transactions on Dependable and Secure Computing, 2019, 16, 885-901. | 5.4 | 21 |
| 10 | S <i>$\hat{1}/_4$ </i> V - the security microvisor. , 2017, , . | | 18 |
| 11 | SecLooCI: A comprehensive security middleware architecture for shared wireless sensor networks. Ad Hoc Networks, 2015, 25, 141-169. | 5.5 | 17 |
| 12 | Measuring and Modeling the Energy Cost of Reconfiguration in Sensor Networks. IEEE Sensors Journal, 2015, 15, 3381-3389. | 4.7 | 12 |
| 13 | SPEED., 2018, , . | | 11 |
| 14 | Streamlining Development for Networked Embedded Systems Using Multiple Paradigms. IEEE Software, 2010, 27, 45-52. | 1.8 | 10 |
| 15 | Applying a Multi-paradigm Approach to Implementing Wireless Sensor Network Based River Monitoring. , 2010, , . | | 9 |
| 16 | A Component and Policy-Based Approach for Efficient Sensor Network Reconfiguration. , 2012, , . | | 8 |
| 17 | Niflheim: An end-to-end middleware for applications on a multi-tier IoT infrastructure. , 2017, , . | | 8 |
| 18 | Fine-Grained Tailoring of Component Behaviour for Embedded Systems. Lecture Notes in Computer Science, 2009, , 156-167. | 1.3 | 8 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Towards fine-grained and application-centric access control for wireless sensor networks. , 2010, , . | | 7 |
| 20 | Supporting reconfiguration and re-use through self-describing component interfaces. , 2010, , . | | 7 |
| 21 | Experiences with open overlays. Operating Systems Review (ACM), 2008, 42, 123-136. | 1.9 | 6 |
| 22 | Middleware Support for Dynamic Sensing Applications. , 2016, , . | | 5 |
| 23 | Towards More Scalable and Secure LPWAN Networks Using Cryptographic Frequency Hopping. , 2019, , . | | 5 |
| 24 | A reconfigurable component model with semantic type system for dynamic WSN applications. Journal of Internet Services and Applications, 2012, 3, 277-290. | 2.1 | 4 |
| 25 | Eliminating implicit dependencies in component models. , 2011, , . | | 3 |
| 26 | Formal analysis of policies in wireless sensor network applications. , 2012, , . | | 3 |
| 27 | Policy-Driven Tailoring of Sensor Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2011, , 20-35. | 0.3 | 3 |
| 28 | Resource Management Middleware to Support Self Managing Wireless Sensor Networks. , 2010, , . | | 1 |
| 29 | Enabling Massive Scale Sensing with the @LooCl Mobile Sensing Framework. , 2012, , . | | 1 |
| 30 | Types in Their Prime: Sub-typing of Data in Resource Constrained Environments. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2014, , 250-261. | 0.3 | 1 |
| 31 | Multi-network video streaming in a campus visit scenario. , 2010, , . | | 0 |
| 32 | Building blocks for secure multiparty federated wireless sensor networks. , 2011, , . | | 0 |
| 33 | Exploiting safe parallelism in Wireless Sensor Networks: A generic and reconfigurable approach. , 2012, , . | | 0 |
| 34 | S-Theory: A Unified Theory of Multi-paradigm Software Development. Lecture Notes in Computer Science, 2013, , 715-722. | 1.3 | 0 |
| 35 | Safe Reparametrization of Component-Based WSNs. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2014, , 524-536. | 0.3 | 0 |