Peter O Donovan

List of Publications by Citations

18 papers	489 citations	9 h-index	18 g-index
18 ext. papers	606 ext. citations	5.5 avg, IF	4.17 L-index

#	Paper	IF	Citations
18	An industrial big data pipeline for data-driven analytics maintenance applications in large-scale smart manufacturing facilities. *Journal of Big Data*, **2015**, 2,	11.7	128
17	A fog computing industrial cyber-physical system for embedded low-latency machine learning Industry 4.0 applications. *Manufacturing Letters*, **2018**, 15, 139-142	4.5	91
16	Big data in manufacturing: a systematic mapping study. *Journal of Big Data*, **2015**, 2,	11.7	78
15	A comparison of fog and cloud computing cyber-physical interfaces for Industry 4.0 real-time embedded machine learning engineering applications. *Computers in Industry*, **2019**, 110, 12-35	11.6	58
14	Development and alpha testing of a cloud based automated fault detection and diagnosis tool for Air Handling Units. *Automation in Construction*, **2014**, 39, 70-83	9.6	31
13	Development and application of a machine learning supported methodology for measurement and verification (M&V) 2.0. *Energy and Buildings*, **2018**, 167, 8-22	7	22
12	A Robust Prescriptive Framework and Performance Metric for Diagnosing and Predicting Wind Turbine Faults Based on SCADA and Alarms Data with Case Study. *Energies*, **2018**, 11, 1738	3.1	22
11	Issues with Data Quality for Wind Turbine Condition Monitoring and Reliability Analyses. *Energies*, **2019**, 12, 201	3.1	17
10	Cluster analysis of wind turbine alarms for characterising and classifying stoppages. *IET Renewable Power Generation*, **2018**, 12, 1146-1154	2.9	9
9	Automatically Identifying and Predicting Unplanned Wind Turbine Stoppages Using SCADA and Alarms System Data: Case Study and Results. *Journal of Physics: Conference Series*, **2017**, 926, 012011	0.3	9
8	A Cloud-based Distributed Data Collection System for Decentralised Wastewater Treatment Plants. *Procedia Engineering*, **2015**, 119, 464-469		6
7	A Systematic Analysis of Real-World Energy Blockchain Initiatives. *Future Internet*, **2019**, 11, 174	3.3	5
6	IntelliMaV: A cloud computing measurement and verification 2.0 application for automated, near real-time energy savings quantification and performance deviation detection. *Energy and Buildings*, **2019**, 185, 26-38	7	5
5	Design and development of a software tool to assist ISO 50001 implementation in the manufacturing sector. *Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture*, **2018**, 232, 1741-1752	2.4	3
4	Enabling Effective Operational Decision Making on a Combined Heat and Power System Using the 5C Architecture. *Procedia CIRP*, **2016**, 55, 296-301	1.8	3
3	Results from testing of a □loud based□utomated fault detection and diagnosis tool for AHU's **2013**,		1
2	From M&V to M&T: An artificial intelligence-based framework for real-time performance verification of demand-side energy savings **2018**,		1

List of Publications

1 Waternomics: A Cross-site Data Collection to Support the Development of a Water Information Platform. *Procedia Engineering*, **2015**, 119, 458-463