

# Paul Havinga

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26  
papers

1,663  
citations

12  
h-index

30  
g-index

30  
ext. papers

2,003  
ext. citations

5.1  
avg. IF

4.82  
L-index

#	Paper	IF	Citations
26	Threat Modeling-How to Visualize Attacks on IOTA?. <i>Sensors</i> , <b>2021</b> , 21,	3.8	2
25	Using Different Combinations of Body-Mounted IMU Sensors to Estimate Speed of Horses-A Machine Learning Approach. <i>Sensors</i> , <b>2021</b> , 21,	3.8	4
24	SmokeSense: Online Activity Recognition Framework on Smartwatches. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2018</b> , 106-124	0.2	9
23	EquiMoves: A Wireless Networked Inertial Measurement System for Objective Examination of Horse Gait. <i>Sensors</i> , <b>2018</b> , 18,	3.8	23
22	Resource consumption analysis of online activity recognition on mobile phones and smartwatches <b>2017</b> ,		5
21	Complex Human Activity Recognition Using Smartphone and Wrist-Worn Motion Sensors. <i>Sensors</i> , <b>2016</b> , 16, 426	3.8	210
20	Inferring Human Activity Recognition with Ambient Sound on Wireless Sensor Nodes. <i>Sensors</i> , <b>2016</b> , 16,	3.8	5
19	A survey of online activity recognition using mobile phones. <i>Sensors</i> , <b>2015</b> , 15, 2059-85	3.8	313
18	Efficient I/O joining and reliable data publication in energy harvested ISA100.11a network <b>2015</b> ,		2
17	ISA100.11a*: The ISA100.11a extension for supporting energy-harvested I/O devices <b>2014</b> ,		1
16	Fusion of smartphone motion sensors for physical activity recognition. <i>Sensors</i> , <b>2014</b> , 14, 10146-76	3.8	275
15	Implementation of WirelessHART in the NS-2 simulator and validation of its correctness. <i>Sensors</i> , <b>2014</b> , 14, 8633-68	3.8	31
14	A distributed management scheme for supporting energy-harvested I/O devices <b>2014</b> ,		3
13	Wireless Sensor Network for Helicopter Rotor Blade Vibration Monitoring: Requirements Definition and Technological Aspects. <i>Key Engineering Materials</i> , <b>2013</b> , 569-570, 775-782	0.4	2
12	D-MSR: a distributed network management scheme for real-time monitoring and process control applications in wireless industrial automation. <i>Sensors</i> , <b>2013</b> , 13, 8239-84	3.8	16
11	Evaluation of DECT-ULE for robust communication in dense wireless sensor networks <b>2012</b> ,		9
10	Unified routing for data dissemination in smart city networks <b>2012</b> ,		2

9	Implementation of WirelessHART in NS-2 simulator <b>2012</b> ,		7
8	Wireless Industrial Monitoring and Control Networks: The Journey So Far and the Road Ahead. <i>Journal of Sensor and Actuator Networks</i> , <b>2012</b> , 1, 123-152	3.8	55
7	Security and dependability for Ambient Intelligence: Informative but busy. <i>Journal of Ambient Intelligence and Smart Environments</i> , <b>2011</b> , 3, 373-374	2.2	
6	MC-LMAC: A multi-channel MAC protocol for wireless sensor networks. <i>Ad Hoc Networks</i> , <b>2011</b> , 9, 73-94	4.8	126
5	Outlier Detection Techniques for Wireless Sensor Networks: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , <b>2010</b> , 12, 159-170	37.1	436
4	Adaptive and Online One-Class Support Vector Machine-Based Outlier Detection Techniques for Wireless Sensor Networks <b>2009</b> ,		59
3	A new wireless underground network system for continuous monitoring of soil water contents. <i>Water Resources Research</i> , <b>2009</b> , 45,	5.4	42
2	An online outlier detection technique for wireless sensor networks using unsupervised quarter-sphere support vector machine <b>2008</b> ,		20
1	Ideas on node mobility support in schedule-based medium access <b>2008</b> ,		3