Paul Havinga

List of Publications by Year
in descending order

30	2,326	759233	1058476
papers	citations	12	14
		h-index	g-index

30	30	30	2675
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Outlier Detection Techniques for Wireless Sensor Networks: A Survey. IEEE Communications Surveys and Tutorials, 2010, 12, 159-170.	39.4	601
2	Fusion of Smartphone Motion Sensors for Physical Activity Recognition. Sensors, 2014, 14, 10146-10176.	3.8	393
3	A Survey of Online Activity Recognition Using Mobile Phones. Sensors, 2015, 15, 2059-2085.	3.8	391
4	Complex Human Activity Recognition Using Smartphone and Wrist-Worn Motion Sensors. Sensors, 2016, 16, 426.	3.8	304
5	MC-LMAC: A multi-channel MAC protocol for wireless sensor networks. Ad Hoc Networks, 2011, 9, 73-94.	5.5	167
6	Adaptive and Online One-Class Support Vector Machine-Based Outlier Detection Techniques for Wireless Sensor Networks. , 2009, , .		79
7	Wireless Industrial Monitoring and Control Networks: The Journey So Far and the Road Ahead. Journal of Sensor and Actuator Networks, 2012, 1, 123-152.	3.9	72
8	A new wireless underground network system for continuous monitoring of soil water contents. Water Resources Research, 2009, 45, .	4.2	60
9	EquiMoves: A Wireless Networked Inertial Measurement System for Objective Examination of Horse Gait. Sensors, 2018, 18, 850.	3.8	59
10	Implementation of WirelessHART in the NS-2 Simulator and Validation of Its Correctness. Sensors, 2014, 14, 8633-8668.	3.8	40
11	An online outlier detection technique for wireless sensor networks using unsupervised quarter-sphere support vector machine. , 2008, , .		33
12	D-MSR: A Distributed Network Management Scheme for Real-Time Monitoring and Process Control Applications in Wireless Industrial Automation. Sensors, 2013, 13, 8239-8284.	3.8	22
13	Evaluation of DECT-ULE for robust communication in dense wireless sensor networks. , 2012, , .		14
14	Using Different Combinations of Body-Mounted IMU Sensors to Estimate Speed of Horses—A Machine Learning Approach. Sensors, 2021, 21, 798.	3.8	14
15	Implementation of WirelessHART in NS-2 simulator. , 2012, , .		13
16	SmokeSense: Online Activity Recognition Framework on Smartwatches. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 106-124.	0.3	13
17	Unified routing for data dissemination in smart city networks. , 2012, , .		9
18	Threat Modeling—How to Visualize Attacks on IOTA?. Sensors, 2021, 21, 1834.	3.8	9

#	ARTICLE	IF	CITATIONS
19	Resource consumption analysis of online activity recognition on mobile phones and smartwatches. , 2017, , .		7
20	Inferring Human Activity Recognition with Ambient Sound on Wireless Sensor Nodes. Sensors, 2016, 16, 1586.	3.8	5
21	Ideas on node mobility support in schedule-based medium access. , 2008, , .		4
22	Wireless Sensor Network for Helicopter Rotor Blade Vibration Monitoring: Requirements Definition and Technological Aspects. Key Engineering Materials, 0, 569-570, 775-782.	0.4	3
23	A distributed management scheme for supporting energy-harvested I/O devices. , 2014, , .		3
24	ISA100.11a*: The ISA100.11a extension for supporting energy-harvested I/O devices. , 2014, , .		3
25	Evaluation of DECT for low latency real-time industrial control networks. , 2013, , .		2
26	D-MHR: A distributed management scheme for hybrid networks to provide real-time industrial wireless automation. , 2014, , .		2
27	Efficient I/O joining and reliable data publication in energy harvested ISA100.11a network. , 2015, , .		2
28	Experiences with Implementing a Distributed and Self-Organizing Scheduling Algorithm for Energy-Efficient Data Gathering on a Real-Life Sensor Network Platform. , 2007, , .		1
29	Evaluation of DECT for low latency real-time industrial control networks. , 2013, , .		1
30	Security and dependability for Ambient Intelligence: Informative but busy. Journal of Ambient Intelligence and Smart Environments, 2011, 3, 373-374.	1.4	0