

# Bartłomiej Pałaczek

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

391  
citations

933447

10  
h-index

752698

20  
g-index

25  
all docs

25  
docs citations

25  
times ranked

460  
citing authors

#	ARTICLE	IF	CITATIONS
1	Classifier-Based Data Transmission Reduction in Wearable Sensor Network for Human Activity Monitoring. <i>Sensors</i> , 2021, 21, 85.	3.8	10
2	Data Transmission Reduction in Wireless Sensor Network for Spatial Event Detection. <i>Sensors</i> , 2021, 21, 7256.	3.8	6
3	Application of Positional Entropy to Fast Shannon Entropy Estimation for Samples of Digital Signals. <i>Entropy</i> , 2020, 22, 1173.	2.2	4
4	A Credibility Score Algorithm for Malicious Data Detection in Urban Vehicular Networks. <i>Information (Switzerland)</i> , 2020, 11, 496.	2.9	1
5	An Event-Aware Cluster-Head Rotation Algorithm for Extending Lifetime of Wireless Sensor Network with Smart Nodes. <i>Sensors</i> , 2019, 19, 4060.	3.8	18
6	A Neuroevolutionary Approach to Controlling Traffic Signals Based on Data from Sensor Network. <i>Sensors</i> , 2019, 19, 1776.	3.8	12
7	Vehicle in Motion Weighing Based on Vibration Data Collected from Sensor Network. <i>Communications in Computer and Information Science</i> , 2019, , 208-219.	0.5	0
8	A Survey and Comparison of Low-Cost Sensing Technologies for Road Traffic Monitoring. <i>Sensors</i> , 2018, 18, 3243.	3.8	65
9	Road Traffic Monitoring System Based on Mobile Devices and Bluetooth Low Energy Beacons. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-12.	1.2	31
10	Wireless Network with Bluetooth Low Energy Beacons for Vehicle Detection and Classification. <i>Communications in Computer and Information Science</i> , 2018, , 429-444.	0.5	8
11	Self-organizing Traffic Signal Control with Prioritization Strategy Aided by Vehicular Sensor Network. <i>Lecture Notes in Computer Science</i> , 2017, , 536-547.	1.3	1
12	Decision-aware data suppression in wireless sensor networks for target tracking applications. <i>Frontiers of Computer Science</i> , 2017, 11, 1050-1060.	2.4	2
13	Self-Organizing Mobility Control in Wireless Sensor and Actor Networks Based on Virtual Electrostatic Interactions. <i>Wireless Personal Communications</i> , 2017, 96, 5083-5103.	2.7	3
14	Zone-Based VANET Transmission Model for Traffic Signal Control. <i>Communications in Computer and Information Science</i> , 2017, , 444-457.	0.5	1
15	Period-aware local modelling and data selection for time series prediction. <i>Expert Systems With Applications</i> , 2016, 59, 60-77.	7.6	13
16	Detection of Malicious Data in Vehicular Ad Hoc Networks for Traffic Signal Control Applications. <i>Communications in Computer and Information Science</i> , 2016, , 72-82.	0.5	5
17	Segmentation of vehicle detector data for improved kâ€œnearest neighboursâ€œbased traffic flow prediction. <i>IET Intelligent Transport Systems</i> , 2015, 9, 264-274.	3.0	49
18	Data Suppression Algorithms for Surveillance Applications of Wireless Sensor and Actor Networks. <i>Communications in Computer and Information Science</i> , 2015, , 23-32.	0.5	3

#	ARTICLE	IF	CITATIONS
19	Energy Aware Object Localization in Wireless Sensor Network Based on Wi-Fi Fingerprinting. Communications in Computer and Information Science, 2015, , 33-42.	0.5	5
20	Fully Connected Neural Networks Ensemble with Signal Strength Clustering for Indoor Localization in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 403242.	2.2	27
21	Uncertainty-based information extraction in wireless sensor networks for control applications. Ad Hoc Networks, 2014, 14, 106-117.	5.5	23
22	A self-organizing system for urban traffic control based on predictive interval microscopic model. Engineering Applications of Artificial Intelligence, 2014, 34, 75-84.	8.1	36
23	Selective data collection in vehicular networks for traffic control applications. Transportation Research Part C: Emerging Technologies, 2012, 23, 14-28.	7.6	67
24	Introductory Chapter: Data Acquisition. , 0, , .		0