BartÅ‚omiej PÅ‚aczek

List of Publications by Year
in descending order

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	Selective data collection in vehicular networks for traffic control applications. Transportation Research Part C: Emerging Technologies, 2012, 23, 14-28.	7.6	67
2	A Survey and Comparison of Low-Cost Sensing Technologies for Road Traffic Monitoring. Sensors, 2018, 18, 3243.	3.8	65
3	Segmentation of vehicle detector data for improved k‑nearest neighbours‑based traffic flow prediction. IET Intelligent Transport Systems, 2015, 9, 264-274.	3.0	49
4	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
5	Road Traffic Monitoring System Based on Mobile Devices and Bluetooth Low Energy Beacons. Wireless Communications and Mobile Computing, 2018, 2018, 1-12.	1.2	31
6	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
7	Uncertainty-based information extraction in wireless sensor networks for control applications. Ad Hoc Networks, 2014, 14, 106-117.	5.5	23
8	An Event-Aware Cluster-Head Rotation Algorithm for Extending Lifetime of Wireless Sensor Network with Smart Nodes. Sensors, 2019, 19, 4060.	3.8	18
9	Period-aware local modelling and data selection for time series prediction. Expert Systems With Applications, 2016, 59, 60-77.	7.6	13
10	A Neuroevolutionary Approach to Controlling Traffic Signals Based on Data from Sensor Network. Sensors, 2019, 19, 1776.	3.8	12
11	Classifier-Based Data Transmission Reduction in Wearable Sensor Network for Human Activity Monitoring. Sensors, 2021, 21, 85.	3.8	10
12	Wireless Network with Bluetooth Low Energy Beacons for Vehicle Detection and Classification. Communications in Computer and Information Science, 2018, , 429-444.	0.5	8
13	Data Transmission Reduction in Wireless Sensor Network for Spatial Event Detection. Sensors, 2021, 21, 7256.	3.8	6
14	Detection of Malicious Data in Vehicular Ad Hoc Networks for Traffic Signal Control Applications. Communications in Computer and Information Science, 2016, , 72-82.	0.5	5
15	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
16	Application of Positional Entropy to Fast Shannon Entropy Estimation for Samples of Digital Signals. Entropy, 2020, 22, 1173.	2.2	4
17	Self-Organizing Mobility Control in Wireless Sensor and Actor Networks Based on Virtual Electrostatic Interactions. Wireless Personal Communications, 2017, 96, 5083-5103.	2.7	3
18	Data Suppression Algorithms for Surveillance Applications of Wireless Sensor and Actor Networks. Communications in Computer and Information Science, 2015, , 23-32.	0.5	3

#	Article	IF	Citations
19	Decision-aware data suppression in wireless sensor networks for target tracking applications. Frontiers of Computer Science, 2017, 11, 1050-1060.	2.4	2
20	Self-organizing Traffic Signal Control with Prioritization Strategy Aided by Vehicular Sensor Network. Lecture Notes in Computer Science, 2017, , 536-547.	1.3	1
21	A Credibility Score Algorithm for Malicious Data Detection in Urban Vehicular Networks. Information (Switzerland), 2020, 11, 496.	2.9	1
22	Zone-Based VANET Transmission Model for Traffic Signal Control. Communications in Computer and Information Science, 2017, , 444-457.	0.5	1
23	Introductory Chapter: Data Acquisition. , 0, , .		0
24	Vehicle in Motion Weighing Based on Vibration Data Collected from Sensor Network. Communications in Computer and Information Science, 2019, , 208-219.	0.5	0