Ali Gokhan Yavuz

List of Publications by Year
in descending order

31 papers	843 citations	1162889 8 h-index	1125617 13 g-index
33 all docs	33 docs citations	33 times ranked	917 citing authors

#	Article	IF	Citations
1	Driver Behavior Analysis for Safe Driving: A Survey. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 3017-3032.	4.7	276
2	On coverage issues in directional sensor networks: A survey. Ad Hoc Networks, 2011, 9, 1238-1255.	3.4	228
3	Network Anomaly Detection with Stochastically Improved Autoencoder Based Models. , 2017, , .		99
4	Application identification via network traffic classification. , 2017, , .		81
5	Routing Protocols for GeoNet: A Survey. IEEE Transactions on Intelligent Transportation Systems, 2012, 13, 939-954.	4.7	25
6	Hybrid movement strategy in self-orienting directional sensor networks. Ad Hoc Networks, 2013, 11, 1075-1090.	3.4	16
7	Network intrusion detection using machine learning anomaly detection algorithms. , 2017, , .		16
8	An Energy-Efficient Multi-Tier Architecture for Fall Detection on Smartphones. Sensors, 2017, 17, 1487.	2.1	12
9	Network anomaly detection with deep learning. , 2018, , .		11
10	Combat Mobile Evasive Malware via Skip-Gram-Based Malware Detection. Security and Communication Networks, 2020, 2020, 1-10.	1.0	11
11	A Closer Look Into the Characteristics of Fraudulent Card Transactions. IEEE Access, 2020, 8, 166095-166109.	2.6	10
12	Mobile malware detection using deep neural network. , 2017, , .		8
13	ETSI compliant GeoNetworking protocol layer implementation for IVC simulations. Human-centric Computing and Information Sciences, 2013, 3, .	6.1	7
14	Assessment of vehicular transportation quality via smartphones. Turkish Journal of Electrical Engineering and Computer Sciences, 2015, 23, 2161-2170.	0.9	5
15	A stochastic data discrimination based autoencoder approach for network anomaly detection. , 2017, , .		5
16	In situ image processing capabilities of ARM-based micro-controllers. Journal of Real-Time Image Processing, 2014, 9, 111-125.	2.2	4
17	ETSI compliant GeoNetworking protocol layer implementation for IVC simulations. , 2012, , .		3
18	In-Cave Wireless Communication System. , 2009, , .		2

#	Article	IF	Citations
19	Motility-based coverage enhancement in directional sensor networks. , 2012, , .		2
20	Temporal Transaction Scraping Assisted Point of Compromise Detection With Autoencoder Based Feature Engineering. IEEE Access, 2021, 9, 109536-109547.	2.6	2
21	Image Processing Capabilities of ARM-based Micro-controllers for Visual Sensor Networks. , 2011, , .		1
22	Image processing capabilities of new generation arm cores for WMSNs. , 2012, , .		1
23	Combat mobile malware via N-gram based deep learning. , 2018, , .		1
24	Multiple Base Station Positioning for Sensor Applications. Lecture Notes in Electrical Engineering, 2009, , 619-629.	0.3	1
25	Multiple base station placement with k-means Local+. , 2009, , .		0
26	Vehicle identification using acoustic and seismic signals. , 2010, , .		0
27	ETSI complaint Geonetworking protocol layer implementation for NCTUNS. , 2012, , .		0
28	A fast and accurate motion detection algorithm for embedded systems. , 2013, , .		0
29	Machine learning based IP traffic classfication. , 2013, , .		0
30	simDSN: A Simulation Platform for the Sensing Coverage Problem in Directional Sensor Networks. , 2013, , .		0
31	A Distributed Approach for Concurrent Password Recovery of Archived Files. Lecture Notes in Electrical Engineering, 2009, , 695-702.	0.3	0