

Alessio Vecchio

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

939
citations

933447

10
h-index

580821

25
g-index

49
all docs

49
docs citations

49
times ranked

1032
citing authors

#	ARTICLE	IF	CITATIONS
1	Gait-based Authentication: Evaluation of Energy Consumption on Commercial Devices. , 2022, , .		1
2	Measurement-driven design and runtime optimization in edge computing: Methodology and tools. Computer Networks, 2021, 194, 108140.	5.1	3
3	A worldwide study on the geographic locality of Internet routes. Computer Networks, 2021, 201, 108555.	5.1	2
4	Continuous authentication through gait analysis on a wrist-worn device. Pervasive and Mobile Computing, 2021, 78, 101483.	3.3	6
5	TCP-based traceroute: An evaluation of different probing methods. Internet Technology Letters, 2020, 3, e134.	1.9	2
6	Impact of the COVID-19 pandemic on the Internet latency: A large-scale study. Computer Networks, 2020, 182, 107495.	5.1	54
7	MECPerf: An Application-Level Tool for Estimating the Network Performance in Edge Computing Environments. , 2020, , .		0
8	Labeling of Activity Recognition Datasets: Detection of Misbehaving Users. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 320-331.	0.3	1
9	Using an Indoor Localization System for Activity Recognition. EAI/Springer Innovations in Communication and Computing, 2020, , 233-243.	1.1	1
10	Net neutrality in mobile broadband: A European study based on a large scale testbed. Internet Technology Letters, 2019, 2, e128.	1.9	0
11	Using RIPE Atlas for Geolocating IP Infrastructure. IEEE Access, 2019, 7, 48816-48829.	4.2	10
12	Dissecting the Speed-of-Internet of Middle East. , 2019, , .		1
13	Method based on UWB for user identification during gait periods. Healthcare Technology Letters, 2019, 6, 121-125.	3.3	5
14	User's Authentication Using Information Collected by Smart-Shoes. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 266-277.	0.3	2
15	Geolocation of Internet hosts: Accuracy limits through Cram�r Rao lower bound. Computer Networks, 2018, 135, 70-80.	5.1	20
16	Wearable systems for e-health and wellbeing. Personal and Ubiquitous Computing, 2018, 22, 225-225.	2.8	3
17	NeutMon: Studying neutrality in European mobile networks. , 2018, , .		2
18	Smartphone-based geolocation of Internet hosts. Computer Networks, 2017, 116, 22-32.	5.1	15

#	ARTICLE	IF	CITATIONS
19	Real-Time Identification Using Gait Pattern Analysis on a Standalone Wearable Accelerometer. Computer Journal, 2017, , .	2.4	9
20	Posture Recognition Using the Interdistances Between Wearable Devices. , 2017, 1, 1-4.		17
21	Personalized gait detection using a wrist-worn accelerometer. , 2017, , .		9
22	Fall Detection Using a Head-Worn Barometer. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 217-224.	0.3	5
23	Fall detection using ultra-wideband positioning. , 2016, , .		6
24	Gait-based authentication using a wrist-worn device. , 2016, , .		49
25	Smartphone-based crowdsourcing for estimating the bottleneck capacity in wireless networks. Journal of Network and Computer Applications, 2016, 64, 62-75.	9.1	7
26	An unsupervised approach for gait-based authentication. , 2015, , .		18
27	An On-Node Processing Approach for Anomaly Detection in Gait. IEEE Sensors Journal, 2015, 15, 6640-6649.	4.7	57
28	A modular suite to support human-smartphone interaction for people with motor skill impairments. , 2015, , .		2
29	Special issue on sensing and mobility in pervasive computing. Journal of Ambient Intelligence and Humanized Computing, 2014, 5, 263-264.	4.9	1
30	Smartphone-based crowdsourcing for network monitoring: Opportunities, challenges, and a case study. , 2014, 52, 106-113.		73
31	Improving the performance of fall detection systems through walk recognition. Journal of Ambient Intelligence and Humanized Computing, 2014, 5, 843-855.	4.9	26
32	Sensing the Internet through crowdsourcing. , 2013, , .		13
33	Estimation of Energy Consumption for TinyOS 2.x-Based Applications. Procedia Computer Science, 2012, 10, 1166-1171.	2.0	10
34	Ab initio detection of fuzzy amino acid tandem repeats in protein sequences. BMC Bioinformatics, 2012, 13, S8.	2.6	24
35	Tandem repeats discovery service (TReaDS) applied to finding novel cis-acting factors in repeat expansion diseases. BMC Bioinformatics, 2012, 13, S3.	2.6	10
36	A smartphone-based fall detection system. Pervasive and Mobile Computing, 2012, 8, 883-899.	3.3	292

#	ARTICLE	IF	CITATIONS
37	An Integer Linear Programming Approach for Radio-Based Localization of Shipping Containers in the Presence of Incomplete Proximity Information. IEEE Transactions on Intelligent Transportation Systems, 2012, 13, 1404-1419.	8.0	19
38	Recognition of false alarms in fall detection systems. , 2011, , .		34
39	TRStalker: an efficient heuristic for finding fuzzy tandem repeats. Bioinformatics, 2010, 26, i358-i366.	4.1	42
40	Non-intrusive Patient Monitoring of Alzheimer's Disease Subjects Using Wireless Sensor Networks. , 2009, , .		19
41	Adaptability in wireless sensor networks. , 2008, , .		3
42	Adaptability in the B-MAC+ Protocol. , 2008, , .		4
43	Opportunistic computing for wireless sensor networks. , 2007, , .		15
44	Application-level network emulation: the EmuSocket toolkit. Journal of Network and Computer Applications, 2006, 29, 343-360.	9.1	10
45	Increasing the efficiency of preamble sampling protocols for wireless sensor networks. , 2006, , .		20
46	MobileRMI: upgrading Java Remote Method Invocation towards mobility. Software - Practice and Experience, 2005, 35, 939-975.	3.6	0
47	A Cross-Layer Approach for Publish/Subscribe in Mobile Ad Hoc Networks. Lecture Notes in Computer Science, 2005, , 203-214.	1.3	16