

Pasquale Pace

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

2,619
citations

18
h-index

51
g-index

93
ext. papers

3,284
ext. citations

5.5
avg, IF

5.75
L-index

#	Paper	IF	Citations
75	IoT Platforms and Security: An Analysis of the Leading Industrial/Commercial Solutions.. <i>Sensors</i> , 2022 , 22,	3.8	3
74	Cascade Failures Analysis of Internet of Things under Global/Local Routing Mode. <i>IEEE Sensors Journal</i> , 2021 , 1-1	4	1
73	Toward robust and energy-efficient clustering wireless sensor networks: A double-stage scale-free topology evolution model. <i>Computer Networks</i> , 2021 , 200, 108521	5.4	2
72	Clustering-Learning-Based Long-Term Predictive Localization in 5G-Envisioned Internet of Connected Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 5232-5246	6.1	7
71	. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 446-462	14.2	16
70	A Trusted Consensus Scheme for Collaborative Learning in the Edge AI Computing Domain. <i>IEEE Network</i> , 2021 , 35, 204-210	11.4	11
69	Jamming detection at the edge of drone networks using Multi-layer Perceptrons and Decision Trees. <i>Applied Soft Computing Journal</i> , 2021 , 111, 107806	7.5	2
68	. <i>IEEE Network</i> , 2021 , 35, 94-100	11.4	15
67	Data-Driven Joint Resource Allocation in Large-scale Heterogeneous Wireless Networks. <i>IEEE Network</i> , 2020 , 34, 163-169	11.4	2
66	Topology optimization against cascading failures on wireless sensor networks using a memetic algorithm. <i>Computer Networks</i> , 2020 , 177, 107327	5.4	92
65	. <i>IEEE Access</i> , 2020 , 8, 163878-163893	3.5	4
64	Environment-fusion multipath routing protocol for wireless sensor networks. <i>Information Fusion</i> , 2020 , 53, 4-19	16.7	107
63	Facing DDoS bandwidth flooding attacks. <i>Simulation Modelling Practice and Theory</i> , 2020 , 98, 101984	3.9	5
62	Multi-level cluster-based satellite-terrestrial integrated communication in Internet of vehicles. <i>Computer Communications</i> , 2020 , 149, 44-50	5.1	5
61	Lightweight Reinforcement Learning for Energy Efficient Communications in Wireless Sensor Networks. <i>IEEE Access</i> , 2019 , 7, 29355-29364	3.5	58
60	An Edge-Based Architecture to Support Efficient Applications for Healthcare Industry 4.0. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 481-489	11.9	174
59	INTELLIGENCE AT THE EDGE OF COMPLEX NETWORKS: THE CASE OF COGNITIVE TRANSMISSION POWER CONTROL. <i>IEEE Wireless Communications</i> , 2019 , 26, 97-103	13.4	22

58	QUALITY OF SERVICE OPTIMIZATION IN AN IOT-DRIVEN INTELLIGENT TRANSPORTATION SYSTEM. <i>IEEE Wireless Communications</i> , 2019 , 26, 10-17	13.4	52
57	WSNs-assisted opportunistic network for low-latency message forwarding in sparse settings. <i>Future Generation Computer Systems</i> , 2019 , 91, 223-237	7.5	93
56	Workshop Networks Integration Using Mobile Intelligence in Smart Factories 2018 , 56, 68-75		22
55	A Novel Mobile and Hierarchical Data Transmission Architecture for Smart Factories. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 3534-3546	11.9	40
54	Evaluating Critical Security Issues of the IoT World: Present and Future Challenges. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 2483-2495	10.7	308
53	A collaborative task-oriented scheduling driven routing approach for industrial IoT based on mobile devices. <i>Ad Hoc Networks</i> , 2018 , 81, 86-99	4.8	15
52	Edge Computing-Enabled Body Area Networks 2018 ,		4
51	2018 ,		2
50	Securing the IoT world: Issues and perspectives 2017 ,		17
49	IoT platforms interoperability for active and assisted living healthcare services support 2017 ,		8
48	Enabling IoT interoperability through opportunistic smartphone-based mobile gateways. <i>Journal of Network and Computer Applications</i> , 2017 , 81, 74-84	7.9	185
47	Cloud-based Activity-as-a-Service cyberphysical framework for human activity monitoring in mobility. <i>Future Generation Computer Systems</i> , 2017 , 75, 158-171	7.5	80
46	Neural networks and SDR modulation schemes for wireless mobile nodes: A synergic approach. <i>Ad Hoc Networks</i> , 2017 , 54, 17-29	4.8	4
45	Towards Interoperability of IoT-based Health Care platforms: the INTER-Health use case 2017 ,		4
44	On the economic sustainability of supplying bandwidth policies in multi-layer wireless cognitive networks. <i>Applied Mathematical Modelling</i> , 2016 , 40, 5123-5138	4.5	
43	A Software Defined Network Solution for Spontaneous Wireless Access Extension. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2016 , 515-520	0.2	1
42	A Mobile Multi-Technology Gateway to Enable IoT Interoperability 2016 ,		47
41	A Mission-Oriented Coordination Framework for Teams of Mobile Aerial and Terrestrial Smart Objects. <i>Mobile Networks and Applications</i> , 2016 , 21, 708-725	2.9	21

40	STEM-NET: How to deploy a self-organizing network of mobile end-user devices for emergency communication. <i>Computer Communications</i> , 2015 , 60, 12-27	5.1	14
39	An application-level framework for UAV/rover communication and coordination 2015 ,		3
38	Management and Coordination Framework for Aerial-Terrestrial Smart Drone Networks 2015 ,		3
37	COMVIVOR: An Evolutionary Communication Framework Based on Survivors' Devices Reuse. <i>Wireless Personal Communications</i> , 2015 , 85, 2021-2040	1.9	10
36	STEM-Net: an evolutionary network architecture for smart and sustainable cities. <i>Transactions on Emerging Telecommunications Technologies</i> , 2014 , 25, 21-40	1.9	25
35	Spontaneous smartphone networks as a user-centric solution for the future internet. <i>IEEE Communications Magazine</i> , 2014 , 52, 26-33	9.1	959
34	A smartphone-centric approach for integrating heterogeneous sensor networks 2014 ,		6
33	Modelling and Simulation of a Defense Strategy to Face Indirect DDoS Flooding Attacks. <i>Lecture Notes in Computer Science</i> , 2014 , 263-274	0.9	2
32	WEVCast: wireless eavesdropping video casting architecture to overcome standard multicast transmission in Wi-Fi networks. <i>Telecommunication Systems</i> , 2013 , 52, 2287-2297	2.3	4
31	STEM-mesh: Self-organizing mobile cognitive radio network for disaster recovery operations 2013 ,		12
30	Accurate and energy-efficient localization system for Smartphones: A feasible implementation 2013 ,		1
29	2013 ,		2
28	Smartphones like stem cells: Cooperation and evolution for emergency communication in post-disaster scenarios 2013 ,		7
27	POTENTIALITIES OF USRP-BASED SOFTWARE DEFINED RADAR SYSTEMS. <i>Progress in Electromagnetics Research B</i> , 2013 , 53, 417-435	0.7	22
26	Managing and Deploying Pervasive Wireless Internet Access through Attractive Connection Sharing and Reselling Mechanisms. <i>Journal of Networks</i> , 2013 , 8,		1
25	A wise cost-effective supplying bandwidth policy for multilayer wireless cognitive networks. <i>Computers and Operations Research</i> , 2012 , 39, 2836-2847	4.6	4
24	OpenBTS: A Step Forward in the Cognitive Direction 2012 ,		9
23	Green antenna switching to improve energy saving in LTE networks 2012 ,		1

22	Software defined radar 2011 ,			7
21	Satellite-HAP Network Supporting Multilayered QoS Routing in the Sky. <i>IETE Journal of Research</i> , 2010 , 56, 163	0.9		2
20	2010 ,			2
19	Routing and Scalability Issues for Multi-layered Satellite-HAPs Networks 2010 ,			2
18	A reactive and dependable transport protocol for wireless mesh networks. <i>Journal of Parallel and Distributed Computing</i> , 2010 , 70, 431-442	4.4		1
17	Attractive pricing mechanism for connection sharing and coverage extension of wireless networks 2009 ,			1
16	A multi-technology location-aware wireless system for interactive fruition of multimedia contents. <i>IEEE Transactions on Consumer Electronics</i> , 2009 , 55, 342-350	4.8		15
15	GITA: New Architectures for Interactive Fruition of Historical and Artistic Contents on Wireless Multi-technology Platform 2008 ,			1
14	Disaster monitoring and mitigation using aerospace technologies and integrated telecommunication networks. <i>IEEE Aerospace and Electronic Systems Magazine</i> , 2008 , 23, 3-9	2.4		27
13	Effective prediction scheme for bandwidth allocation in interactive satellite terminals 2008 ,			3
12	Fast and Accurate Video PQoS Estimation over Wireless Networks. <i>Eurasip Journal on Advances in Signal Processing</i> , 2008 , 2008,	1.9		2
11	Low multipath antennas for GNSS-based attitude determination systems applied to high-altitude platforms. <i>GPS Solutions</i> , 2008 , 12, 163-171	4.4		11
10	Challenges and Issues in Designing Architectures and Protocols for Wireless Mesh Networks 2008 , 1-27			2
9	Dynamic Fair Power Sharing Admission Control for HAP-UMTS communication system 2007 ,			1
8	Effective Routing Algorithm for Multilayered Terrestrial-HAP-Satellite Networks. <i>IEEE Communications Letters</i> , 2007 , 11, 510-512	3.8		4
7	2007 ,			8
6	. <i>IEEE Transactions on Broadcasting</i> , 2007 , 53, 329-337	4.7		1
5	Multimedia GEO Satellite Architecture based on DVB-RCS: Admission Control Issue for High Interactivity Traffic Sources. <i>IETE Journal of Research</i> , 2006 , 52, 97-104	0.9		2

4	Effective Admission Policy for Multimedia Traffic Connections over Satellite DVB-RCS Network. <i>ETRI Journal</i> , 2006 , 28, 593-606	1.4	10
3	Dimensioning and effective handling of signalling channels in a multimedia GEO Satellite platform. <i>IEEE Transactions on Vehicular Technology</i> , 2005 , 54, 550-567	6.8	
2			1
1	Pervasive and Interactive Use of Multimedia Contents via Multi-Technology Location-Aware Wireless Architectures103-125		