Pasquale Pace

List of Publications by Citations

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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	Spontaneous smartphone networks as a user-centric solution for the future internet. *IEEE Communications Magazine*, **2014**, 52, 26-33	9.1	959
74	Evaluating Critical Security Issues of the IoT World: Present and Future Challenges. *IEEE Internet of Things Journal*, **2018**, 5, 2483-2495	10.7	308
73	Enabling IoT interoperability through opportunistic smartphone-based mobile gateways. *Journal of Network and Computer Applications*, **2017**, 81, 74-84	7.9	185
72	An Edge-Based Architecture to Support Efficient Applications for Healthcare Industry 4.0. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 481-489	11.9	174
71	Environment-fusion multipath routing protocol for wireless sensor networks. *Information Fusion*, **2020**, 53, 4-19	16.7	107
70	WSNs-assisted opportunistic network for low-latency message forwarding in sparse settings. *Future Generation Computer Systems*, **2019**, 91, 223-237	7.5	93
69	Topology optimization against cascading failures on wireless sensor networks using a memetic algorithm. *Computer Networks*, **2020**, 177, 107327	5.4	92
68	Cloud-based Activity-aaService cyber-physical framework for human activity monitoring in mobility. *Future Generation Computer Systems*, **2017**, 75, 158-171	7.5	80
67	Lightweight Reinforcement Learning for Energy Efficient Communications in Wireless Sensor Networks. *IEEE Access*, **2019**, 7, 29355-29364	3.5	58
66	QUALITY OF SERVICE OPTIMIZATION IN AN IOT-DRIVEN INTELLIGENT TRANSPORTATION SYSTEM. *IEEE Wireless Communications*, **2019**, 26, 10-17	13.4	52
65	A Mobile Multi-Technology Gateway to Enable IoT Interoperability **2016**,		47
64	A Novel Mobile and Hierarchical Data Transmission Architecture for Smart Factories. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 3534-3546	11.9	40
63	Disaster monitoring and mitigation using aerospace technologies and integrated telecommunication networks. *IEEE Aerospace and Electronic Systems Magazine*, **2008**, 23, 3-9	2.4	27
62	STEM-Net: an evolutionary network architecture for smart and sustainable cities. *Transactions on Emerging Telecommunications Technologies*, **2014**, 25, 21-40	1.9	25
61	Workshop Networks Integration Using Mobile Intelligence in Smart Factories **2018**, 56, 68-75		22
60	INTELLIGENCE AT THE EDGE OF COMPLEX NETWORKS: THE CASE OF COGNITIVE TRANSMISSION POWER CONTROL. *IEEE Wireless Communications*, **2019**, 26, 97-103	13.4	22
59	POTENTIALITIES OF USRP-BASED SOFTWARE DEFINED RADAR SYSTEMS. *Progress in Electromagnetics Research B*, **2013**, 53, 417-435	0.7	22

58	A Mission-Oriented Coordination Framework for Teams of Mobile Aerial and Terrestrial Smart Objects. *Mobile Networks and Applications*, **2016**, 21, 708-725	2.9	21
57	Securing the IoT world: Issues and perspectives **2017**,		17
56	. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 446-462	14.2	16
55	A collaborative task-oriented scheduling driven routing approach for industrial IoT based on mobile devices. *Ad Hoc Networks*, **2018**, 81, 86-99	4.8	15
54	A multi-technology location-aware wireless system for interactive fruition of multimedia contents. *IEEE Transactions on Consumer Electronics*, **2009**, 55, 342-350	4.8	15
53	. *IEEE Network*, **2021**, 35, 94-100	11.4	15
52	STEM-NET: How to deploy a self-organizing network of mobile end-user devices for emergency communication. *Computer Communications*, **2015**, 60, 12-27	5.1	14
51	STEM-mesh: Self-organizing mobile cognitive radio network for disaster recovery operations **2013**,		12
50	Low multipath antennas for GNSS-based attitude determination systems applied to high-altitude platforms. *GPS Solutions*, **2008**, 12, 163-171	4.4	11
49	A Trusted Consensus Scheme for Collaborative Learning in the Edge AI Computing Domain. *IEEE Network*, **2021**, 35, 204-210	11.4	11
48	COMVIVOR: An Evolutionary Communication Framework Based on Survivors Devices Reuse. *Wireless Personal Communications*, **2015**, 85, 2021-2040	1.9	10
47	Effective Admission Policy for Multimedia Traffic Connections over Satellite DVB-RCS Network. *ETRI Journal*, **2006**, 28, 593-606	1.4	10
46	OpenBTS: A Step Forward in the Cognitive Direction **2012**,		9
45	IoT platforms interoperability for active and assisted living healthcare services support **2017**,		8
44	**2007**,		8
43	Smartphones like stem cells: Cooperation and evolution for emergency communication in post-disaster scenarios **2013**,		7
42	Software defined radar **2011**,		7
41	Clustering-Learning-Based Long-Term Predictive Localization in 5G-Envisioned Internet of Connected Vehicles. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 5232-5246	6.1	7

40	A smartphone-centric approach for integrating heterogeneous sensor networks **2014**,		6
39	Facing DDoS bandwidth flooding attacks. *Simulation Modelling Practice and Theory*, **2020**, 98, 101984	3.9	5
38	Multi-level cluster-based satellite-terrestrial integrated communication in Internet of vehicles. *Computer Communications*, **2020**, 149, 44-50	5.1	5
37	Edge Computing-Enabled Body Area Networks **2018**,		4
36	A wise cost-effective supplying bandwidth policy for multilayer wireless cognitive networks. *Computers and Operations Research*, **2012**, 39, 2836-2847	4.6	4
35	WEVCast: wireless eavesdropping video casting architecture to overcome standard multicast transmission in Wi-Fi networks. *Telecommunication Systems*, **2013**, 52, 2287-2297	2.3	4
34	Neural networks and SDR modulation schemes for wireless mobile nodes: A synergic approach. *Ad Hoc Networks*, **2017**, 54, 17-29	4.8	4
33	Effective Routing Algorithm for Multilayered Terrestrial-HAP-Satellite Networks. *IEEE Communications Letters*, **2007**, 11, 510-512	3.8	4
32	Towards Interoperability of IoT-based Health Care platforms: the INTER-Health use case **2017**,		4
31	. *IEEE Access*, **2020**, 8, 163878-163893	3.5	4
30	An application-level framework for UAV/rover communication and coordination **2015**,		3
29	Management and Coordination Framework for Aerial-Terrestrial Smart Drone Networks **2015**,		3
28	Effective prediction scheme for bandwidth allocation in interactive satellite terminals **2008**,		3
27	IoT Platforms and Security: An Analysis of the Leading Industrial/Commercial Solutions.. *Sensors*, **2022**, 22,	3.8	3
26	Data-Driven Joint Resource Allocation in Large-scale Heterogeneous Wireless Networks. *IEEE Network*, **2020**, 34, 163-169	11.4	2
25	**2013**,		2
24	Satellite-HAP Network Supporting Multilayered QoS Routing in the Sky. *IETE Journal of Research*, **2010**, 56, 163	0.9	2
23	**2010**,		2

22	Routing and Scalability Issues for Multi-layered Satellite-HAPs Networks **2010**,		2
21	Fast and Accurate Video PQoS Estimation over Wireless Networks. *Eurasip Journal on Advances in Signal Processing*, **2008**, 2008,	1.9	2
20	Multimedia GEO Satellite Architecture based on DVB-RCS: Admission Control Issue for High Interactivity Traffic Sources. *IETE Journal of Research*, **2006**, 52, 97-104	0.9	2
19	Challenges and Issues in Designing Architectures and Protocols for Wireless Mesh Networks **2008**, 1-27		2
18	Toward robust and energy-efficient clustering wireless sensor networks: A double-stage scale-free topology evolution model. *Computer Networks*, **2021**, 200, 108521	5.4	2
17	Modelling and Simulation of a Defense Strategy to Face Indirect DDoS Flooding Attacks. *Lecture Notes in Computer Science*, **2014**, 263-274	0.9	2
16	**2018**,		2
15	Jamming detection at the edge of drone networks using Multi-layer Perceptrons and Decision Trees. *Applied Soft Computing Journal*, **2021**, 111, 107806	7.5	2
14	Green antenna switching to improve energy saving in LTE networks **2012**,		1
13	Accurate and energy-efficient localization system for Smartphones: A feasible implementation **2013**,		1
12	Attractive pricing mechanism for connection sharing and coverage extension of wireless networks **2009**,		1
11	A reactive and dependable transport protocol for wireless mesh networks. *Journal of Parallel and Distributed Computing*, **2010**, 70, 431-442	4.4	1
10	GITA: New Architectures for Interactive Fruition of Historical and Artistic Contents on Wireless Multi-technology Platform **2008**,		1
9	Dynamic Fair Power Sharing Admission Control for HAP-UMTS communication system **2007**,		1
8	. *IEEE Transactions on Broadcasting*, **2007**, 53, 329-337	4.7	1
7			1
6	Cascade Failures Analysis of Internet of Things under Global/Local Routing Mode. *IEEE Sensors Journal*, **2021**, 1-1	4	1
5	A Software Defined Network Solution for Spontaneous Wireless Access Extension. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2016**, 515-520	0.2	1

4	Managing and Deploying Pervasive Wireless Internet Access through Attractive Connection Sharing and Reselling Mechanisms. *Journal of Networks*, **2013**, 8,	1
3	On the economic sustainability of supplying bandwidth policies in multi-layer wireless cognitive networks. *Applied Mathematical Modelling*, **2016**, 40, 5123-5138	4.5
2	Dimensioning and effective handling of signalling channels in a multimedia GEO Satellite platform. *IEEE Transactions on Vehicular Technology*, **2005**, 54, 550-567	6.8
1	Pervasive and Interactive Use of Multimedia Contents via Multi-Technology Location-Aware Wireless Architectures103-125	