

David Palma

List of Publications by Year in descending order

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36
papers

729
citations

933264

10
h-index

794469

19
g-index

36
all docs

36
docs citations

36
times ranked

1082
citing authors

#	ARTICLE	IF	CITATIONS
1	Autonomous IoT Device Management Systems: Structured Review and Generalized Cognitive Model. IEEE Internet of Things Journal, 2021, 8, 4275-4290.	5.5	12
2	Operationalizing Solar Energy Predictions for Sustainable, Autonomous IoT Device Management. IEEE Internet of Things Journal, 2020, 7, 11803-11814.	5.5	22
3	A network design algorithm for multicast communication architectures in smart transmission grids. Electric Power Systems Research, 2020, 187, 106484.	2.1	2
4	Cruising the marginal ice zone: climate change and Arctic tourism. Polar Geography, 2019, 42, 215-235.	0.8	52
5	Survey on Communication and Networks for Autonomous Marine Systems. Journal of Intelligent and Robotic Systems: Theory and Applications, 2019, 95, 789-813.	2.0	78
6	Freely Drifting Small-Satellite Swarms for Sensor Networks in the Arctic. Advances in Intelligent Systems and Computing, 2019, , 175-190.	0.5	2
7	Enabling the Internet of Arctic Things With Freely-Drifting Small-Satellite Swarms. IEEE Access, 2018, 6, 71435-71443.	2.6	20
8	Enabling the Maritime Internet of Things: CoAP and 6LoWPAN Performance Over VHF Links. IEEE Internet of Things Journal, 2018, 5, 5205-5212.	5.5	29
9	Fog Computing in Healthcare—A Review and Discussion. IEEE Access, 2017, 5, 9206-9222.	2.6	256
10	Edge caching with mobility prediction in virtualized LTE mobile networks. Future Generation Computer Systems, 2017, 70, 148-162.	4.9	51
11	Unmanned Aerial Vehicles as Data Mules: An Experimental Assessment. IEEE Access, 2017, 5, 24716-24726.	2.6	22
12	Solar energy prediction for constrained IoT nodes based on public weather forecasts. , 2017, , .		26
13	CityFlow, enabling quality of service in the Internet: Opportunities, challenges, and experimentation. , 2017, , .		2
14	Enabling a Mobility Prediction-Aware Follow-Me Cloud Model. , 2016, , .		7
15	A mobile follow-me cloud content caching model. , 2016, , .		2
16	Towards a High Performance DNSaaS Deployment. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 77-90.	0.2	2
17	Next-Generation Communication Systems for PPDR: the SALUS Perspective. , 2015, , 49-93.		0
18	Implementing Quality of Service for the Software Defined Networking Enabled Future Internet. , 2014, , .		39

#	ARTICLE	IF	CITATIONS
19	CityFlow: OpenFlow City Experiment – Linking Infrastructure and Applications. , 2014, , .		3
20	Towards scalable routing for wireless multi-hop networks. , 2014, , .		0
21	Monitoring as a service for cloud environments. , 2014, , .		1
22	The QueuePusher: Enabling Queue Management in OpenFlow. , 2014, , .		25
23	Demonstrating resilient quality of service in Software Defined Networking. , 2014, , .		12
24	Scalable multi-hop routing in wireless networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	1.5	4
25	Scalability and routing performance of future autonomous networks. International Journal of Internet Protocol Technology, 2013, 7, 137.	0.2	2
26	Tutamen: An Integrated Personal Mobile and Adaptable Video Platform for Health and Protection. IFIP Advances in Information and Communication Technology, 2013, , 442-451.	0.5	10
27	Impact analysis of hierarchical transitions in multi-hop clustered networks. , 2012, , .		1
28	Onto scalable Ad-hoc networks: Deferred Routing. Computer Communications, 2012, 35, 1574-1589.	3.1	11
29	Link quality estimation in wireless multi-hop networks using Kernel based methods. Computer Networks, 2012, 56, 3629-3638.	3.2	9
30	Scalability and routing performance of future autonomous networks. , 2012, , .		1
31	Challenging Wireless Networks, an Underground Experience. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 312-321.	0.2	1
32	A novel stable and low-maintenance clustering scheme. , 2010, , .		4
33	DASH, Deferred aggregated routing for scalable ad-hoc networks. , 2010, , .		7
34	NODRoP, Nature Optimized Deferred Routing Protocol. , 2009, , .		3
35	Inside-Out OLSR Scalability Analysis. Lecture Notes in Computer Science, 2009, , 354-359.	1.0	8
36	The Cost of Using IEEE 802.16d Dynamic Channel Configuration. , 2008, , .		3