

# Maria Rita Palattella

## List of Publications by Year in descending order

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36  
papers

2,768  
citations

840776

11  
h-index

888059

17  
g-index

36  
all docs

36  
docs citations

36  
times ranked

3136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Internet of Things in the 5G Era: Enablers, Architecture, and Business Models. IEEE Journal on Selected Areas in Communications, 2016, 34, 510-527.	14.0	1,113
2	Standardized Protocol Stack for the Internet of (Important) Things. IEEE Communications Surveys and Tutorials, 2013, 15, 1389-1406.	39.4	581
3	On Optimal Scheduling in Duty-Cycled Industrial IoT Applications Using IEEE802.15.4e TSCH. IEEE Sensors Journal, 2013, 13, 3655-3666.	4.7	210
4	Traffic Aware Scheduling Algorithm for reliable low-power multi-hop IEEE 802.15.4e networks. , 2012, , .		127
5	On-the-Fly Bandwidth Reservation for 6TiSCH Wireless Industrial Networks. IEEE Sensors Journal, 2016, 16, 550-560.	4.7	109
6	Decentralized Traffic Aware Scheduling in 6TiSCH Networks: Design and Experimental Evaluation. IEEE Internet of Things Journal, 2015, 2, 455-470.	8.7	91
7	Decentralized Traffic Aware Scheduling for multi-hop Low power Lossy Networks in the Internet of Things. , 2013, , .		82
8	Comprehensive Evaluation of the IEEE 802.15.4 MAC Layer Performance With Retransmissions. IEEE Transactions on Vehicular Technology, 2010, 59, 3917-3932.	6.3	69
9	6TiSCH centralized scheduling: When SDN meet IoT. , 2015, , .		53
10	IETF 6TSCH: Combining IPv6 Connectivity with Industrial Performance. , 2013, , .		41
11	6TiSCH Wireless Industrial Networks: Determinism Meets IPv6. Smart Sensors, Measurement and Instrumentation, 2014, , 111-141.	0.6	39
12	Enabling SDN in VANETs: What is the Impact on Security?. Sensors, 2016, 16, 2077.	3.8	33
13	SDN Coordination for CCN and FC Content Dissemination in VANETs. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 221-233.	0.3	24
14	A Multi-Pronged Approach to Adaptive and Context Aware Content Dissemination in VANETs. Mobile Networks and Applications, 2018, 23, 1247-1259.	3.3	23
15	Standardized power-efficient & internet-enabled communication stack for capillary M2M networks. , 2012, , .		20
16	Enabling Internet of Everything Everywhere: LPWAN with Satellite Backhaul. , 2018, , .		20
17	Fog computing as the key for seamless connectivity handover in future vehicular networks. , 2019, , .		18
18	SALSA: A Scheduling Algorithm for LoRa to LEO Satellites. IEEE Access, 2022, 10, 11608-11615.	4.2	16

#	ARTICLE	IF	CITATIONS
19	Cognition: A Tool for Reinforcing Security in Software Defined Networks. Advances in Intelligent Systems and Computing, 2014, , 61-78.	0.6	11
20	Multi-Flow Congestion-Aware Routing in Software-Defined Vehicular Networks. , 2019, , .		11
21	Content and Context Aware Strategies for QoS Support in VANETs. , 2016, , .		9
22	IoT Application Protocols Optimisation for Future Integrated M2M-Satellite Networks. , 2018, , .		9
23	Security Challenges in Future NDN-Enabled VANETs. , 2016, , .		8
24	Coordination mechanisms for floating content in realistic vehicular scenario. , 2017, , .		7
25	A centralized approach for setting floating content parameters in VANETs. , 2017, , .		6
26	ROADNET: Fairness- and Throughput-Enhanced Scheduling for Content Dissemination in VANETs. , 2018, , .		6
27	Aggregation of MQTT Topics over Integrated Satellite-Terrestrial Networks. Performance Evaluation Review, 2019, 46, 96-97.	0.6	6
28	Performance Analysis of MANET Routing Protocols in Urban VANETs. Lecture Notes in Computer Science, 2019, , 432-451.	1.3	5
29	Understanding the social impact of ICN: between myth and reality. AI and Society, 2017, 32, 401-419.	4.6	4
30	F-Interop Platform and Tools: Validating IoT Implementations Faster. Lecture Notes in Computer Science, 2018, , 332-343.	1.3	4
31	Lessons Learned from the 6TiSCH Plugtests. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 415-426.	0.3	3
32	Performance Analysis of CoAP under Satellite Link Disruption. , 2018, , .		3
33	DeepNDN: Opportunistic Data Replication and Caching in Support of Vehicular Named Data. , 2020, , .		3
34	Network troubleshooting with SDN-RADAR. , 2015, , .		2
35	A Testbed for LoRaWAN Satellite Backhaul: Design Principles and Validation. , 2022, , .		2
36	Enhancing CoAP Group Communication to Support mMTC Over Satellite Networks. , 2020, , .		0