

Michele Nitti

List of Publications by Year in descending order

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42
papers

2,766
citations

516215

16
h-index

752256

20
g-index

42
all docs

42
docs citations

42
times ranked

2482
citing authors

#	ARTICLE	IF	CITATIONS
1	The Social Internet of Things (SIoT) – When social networks meet the Internet of Things: Concept, architecture and network characterization. <i>Computer Networks</i> , 2012, 56, 3594-3608.	3.2	1,041
2	Trustworthiness Management in the Social Internet of Things. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2014, 26, 1253-1266.	4.0	378
3	The Virtual Object as a Major Element of the Internet of Things: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2016, 18, 1228-1240.	24.8	168
4	Friendship Selection in the Social Internet of Things: Challenges and Possible Strategies. <i>IEEE Internet of Things Journal</i> , 2015, 2, 240-247.	5.5	144
5	A subjective model for trustworthiness evaluation in the social Internet of Things. , 2012, , .		121
6	Trust-based and social-aware coalition formation game for multihop data uploading in 5G systems. <i>Computer Networks</i> , 2016, 111, 141-151.	3.2	79
7	Exploiting Social Internet of Things Features in Cognitive Radio. <i>IEEE Access</i> , 2016, 4, 9204-9212.	2.6	64
8	On adding the social dimension to the Internet of Vehicles: Friendship and middleware. , 2014, , .		62
9	Network navigability in the social Internet of Things. , 2014, , .		58
10	How to exploit the Social Internet of Things: Query Generation Model and Device Profiles™ Dataset. <i>Computer Networks</i> , 2020, 174, 107248.	3.2	58
11	When Social Networks Meet D2D Communications: A Survey. <i>Sensors</i> , 2019, 19, 396.	2.1	55
12	IoT Architecture for a Sustainable Tourism Application in a Smart City Environment. <i>Mobile Information Systems</i> , 2017, 2017, 1-9.	0.4	54
13	MIFaaS: A Mobile-IoT-Federation-as-a-Service Model for dynamic cooperation of IoT Cloud Providers. <i>Future Generation Computer Systems</i> , 2017, 70, 126-137.	4.9	51
14	Social Virtual Objects in the Edge Cloud. <i>IEEE Cloud Computing</i> , 2015, 2, 20-28.	5.3	47
15	Enhancing the navigability in a social network of smart objects: A Shapley-value based approach. <i>Computer Networks</i> , 2016, 103, 1-14.	3.2	44
16	Trust-Related Attacks and Their Detection: A Trust Management Model for the Social IoT. <i>IEEE Transactions on Network and Service Management</i> , 2021, 18, 3297-3308.	3.2	34
17	Implementation of an Experimental Platform for the Social Internet of Things. , 2013, , .		33
18	iABACUS: A Wi-Fi-Based Automatic Bus Passenger Counting System. <i>Energies</i> , 2020, 13, 1446.	1.6	33

#	ARTICLE	IF	CITATIONS
19	A Dataset for Performance Analysis of the Social Internet of Things. , 2018, , .		30
20	Towards the implementation of the Social Internet of Vehicles. Computer Networks, 2018, 147, 132-145.	3.2	29
21	Using an IoT Platform for Trustworthy D2D Communications in a Real Indoor Environment. IEEE Transactions on Network and Service Management, 2019, 16, 234-245.	3.2	25
22	Federated edge-assisted mobile clouds for service provisioning in heterogeneous IoT environments. , 2015, , .		20
23	Energy efficiency in smart building: A comfort aware approach based on Social Internet of Things. , 2017, , .		19
24	Trusted D2D-based data uploading in in-band narrowband-IoT with social awareness. , 2016, , .		15
25	Trustworthiness management in the IoT: The importance of the feedback. , 2017, , .		13
26	Taking the SloT down from the cloud: Integrating the Social Internet of Things in the INPUT architecture. , 2015, , .		11
27	Searching the social Internet of Things by exploiting object similarity. , 2016, , .		11
28	Using a distributed Shapley-value based approach to ensure navigability in a social network of smart objects. , 2015, , .		10
29	What the SloT needs: A new caching system or new friendship selection mechanism?. , 2015, , .		9
30	Navigability in Social Networks of Objects: The Importance of Friendship Type and Nodes' Distance. , 2017, , .		9
31	A social internet of vehicles sharing SloT relationships. , 2019, , .		7
32	Federations of connected things for delay-sensitive IoT services in 5G environments. , 2017, , .		6
33	Using IoT for Accessible Tourism in Smart Cities. , 2018, , .		6
34	IoT for the Users. , 2019, , .		6
35	Multimedia streaming in Multi-Homed Hybrid Ad Hoc Networks: A model of network connectivity. Signal Processing: Image Communication, 2012, 27, 827-835.	1.8	4
36	A Binary Trust Game for the Internet of Things. IoT, 2021, 2, 50-70.	2.3	4

#	ARTICLE	IF	CITATIONS
37	Distributed spectrum sensing for indoor broadcasting services using an IoT platform. , 2017, , .		2
38	A Social-Aware Approach for Federated IoT-Mobile Cloud using Matching Theory. , 2019, , .		2
39	Analysis of Feedback Evaluation for Trust Management Models in the Internet of Things. IoT, 2021, 2, 498-509.	2.3	2
40	Can We Trust Trust Management Systems?. IoT, 2022, 3, 262-272.	2.3	2
41	QoS feedback mechanism for a cooperative indoor D2D system. , 2018, , .		0
42	Modeling of Network Connectivity in Multi-Homed Hybrid Ad Hoc Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 307-320.	0.2	0