

Sasu Tarkoma

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9201933/publications.pdf>

Version: 2024-02-01

41
papers

1,075
citations

516710

16
h-index

477307

29
g-index

41
all docs

41
docs citations

41
times ranked

1137
citing authors

#	ARTICLE	IF	CITATIONS
1	Security and Privacy in Device-to-Device (D2D) Communication: A Review. IEEE Communications Surveys and Tutorials, 2017, 19, 1054-1079.	39.4	237
2	Multipath Transmission for the Internet: A Survey. IEEE Communications Surveys and Tutorials, 2016, 18, 2887-2925.	39.4	109
3	IoT-KEEPER: Detecting Malicious IoT Network Activity Using Online Traffic Analysis at the Edge. IEEE Transactions on Network and Service Management, 2020, 17, 45-59.	4.9	101
4	Intelligent Calibration and Virtual Sensing for Integrated Low-Cost Air Quality Sensors. IEEE Sensors Journal, 2020, 20, 13638-13652.	4.7	63
5	To What Extent We Repeat Ourselves? Discovering Daily Activity Patterns Across Mobile App Usage. IEEE Transactions on Mobile Computing, 2022, 21, 1492-1507.	5.8	62
6	Edge Intelligence: Empowering Intelligence to the Edge of Network. Proceedings of the IEEE, 2021, 109, 1778-1837.	21.3	61
7	Social-aware hybrid mobile offloading. Pervasive and Mobile Computing, 2017, 36, 25-43.	3.3	39
8	Air pollution exposure monitoring using portable low-cost air quality sensors. Smart Health, 2022, 23, 100241.	3.2	37
9	Tolerating path heterogeneity in multipath TCP with bounded receive buffers. Computer Networks, 2014, 64, 1-14.	5.1	32
10	Large-scale offloading in the Internet of Things. , 2017, , .		30
11	Evidence-Aware Mobile Computational Offloading. IEEE Transactions on Mobile Computing, 2018, 17, 1834-1850.	5.8	30
12	Mobile multimedia streaming techniques: QoE and energy saving perspective. Pervasive and Mobile Computing, 2015, 16, 96-114.	3.3	28
13	Optimizing content-based routers: posets and forests. Distributed Computing, 2006, 19, 62-77.	0.8	22
14	Network-In-a-Box: A Survey About On-Demand Flexible Networks. IEEE Communications Surveys and Tutorials, 2018, 20, 2407-2428.	39.4	21
15	On Reconfiguring 5G Network Slices. IEEE Journal on Selected Areas in Communications, 2020, 38, 1542-1554.	14.0	21
16	Syxaw: Data Synchronization Middleware for the Mobile Web. Mobile Networks and Applications, 2009, 14, 661-676.	3.3	18
17	MPTCP incast in data center networks. China Communications, 2014, 11, 25-37.	3.2	17
18	Intelligent and Scalable Air Quality Monitoring With 5G Edge. IEEE Internet Computing, 2021, 25, 35-44.	3.3	17

#	ARTICLE	IF	CITATIONS
19	The Impact of Covid-19 on Smartphone Usage. IEEE Internet of Things Journal, 2021, 8, 16723-16733.	8.7	16
20	AICP: Augmented Informative Cooperative Perception. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 22505-22518.	8.0	15
21	Evaluating continuous top-k queries over document streams. World Wide Web, 2014, 17, 59-83.	4.0	13
22	A refactoring approach for optimizing mobile networks. , 2017, , .		13
23	Full Charge Capacity and Charging Diagnosis of Smartphone Batteries. IEEE Transactions on Mobile Computing, 2017, 16, 3042-3055.	5.8	12
24	Constella: Crowdsourced system setting recommendations for mobile devices. Pervasive and Mobile Computing, 2016, 26, 71-90.	3.3	11
25	Low-cost support for search and rescue operations using off-the-shelf sensor technologies. Electronics Letters, 2017, 53, 1011-1013.	1.0	8
26	Trip Purposes Mining From Mobile Signaling Data. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13190-13202.	8.0	7
27	Preference-Based Privacy Markets. IEEE Access, 2020, 8, 146006-146026.	4.2	6
28	Modeling Mobile Code Acceleration in the Cloud. , 2017, , .		5
29	IoT vs. Human: A Comparison of Mobility. IEEE Transactions on Mobile Computing, 2022, 21, 1257-1273.	5.8	5
30	Low-Cost Formaldehyde Sensor Evaluation and Calibration in a Controlled Environment. IEEE Sensors Journal, 2022, 22, 11791-11802.	4.7	4
31	NoSQL stores for coreless mobile networks. , 2017, , .		3
32	GeoMatch: Efficient Large-Scale Map Matching on Apache Spark. , 2018, , .		3
33	An SDN Perspective on Multi-Connectivity and Seamless Flow Migration. IEEE Networking Letters, 2020, 2, 19-22.	1.9	3
34	Sensorclone. , 2018, , .		2
35	MobileCloudSim. , 2018, , .		2
36	Guest Editorial Privacy Issues in Internet of Things. IEEE Internet of Things Journal, 2017, 4, 840-842.	8.7	1

#	ARTICLE	IF	CITATIONS
37	Real, Forged or Deep Fake? Enabling the Ground Truth on the Internet. IEEE Access, 2021, 9, 160471-160484.	4.2	1
38	Poster: IoTURVA. , 2017, , .		0
39	Demo: Managing Sensing Resources at the Edge using Cloud OSes. , 2018, , .		0
40	Corrections to "Preference-Based Privacy Markets" IEEE Access, 2021, 9, 14179-14180.	4.2	0
41	Programmable Session Layer MULTI-Connectivity. IEEE Access, 2022, 10, 5736-5752.	4.2	0