

Bart Braem

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,576
citations

1170033

9
h-index

1637695

9
g-index

43
all docs

43
docs citations

43
times ranked

2644
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying Faster R-CNN in Extremely Low-Resolution Thermal Images for People Detection. , 2020, , .		5
2	Towards Information-Centric Edge Platform for Mesh Networks: The Case of CityLab Testbed. , 2020, , .		6
3	Environmental Sensing Testbeds for Livable Smart Cities. , 2019, , .		3
4	Demo Abstract: Crowd analysis with infrared sensor arrays on the smart city edge. , 2019, , .		3
5	Continuous Athlete Monitoring in Challenging Cycling Environments Using IoT Technologies. IEEE Internet of Things Journal, 2019, 6, 10875-10887.	5.5	19
6	City of Things: Enabling Resource Provisioning in Smart Cities. IEEE Communications Magazine, 2018, 56, 177-183.	4.9	71
7	Alternative Networks: Toward Global Access to the Internet for All. , 2017, 55, 187-193.		17
8	City of things: An integrated and multi-technology testbed for IoT smart city experiments. , 2016, , .		78
9	Designing a smart city playground: Real-time air quality measurements and visualization in the City of Things testbed. , 2016, , .		11
10	Advances in wireless community networks with the community-lab testbed. IEEE Communications Magazine, 2016, 54, 20-27.	4.9	20
11	Analysis of End-User QoE in Community Networks. , 2015, , .		3
12	Experiences from building an outdoor testbed for community wireless networks. , 2015, , .		1
13	Testing a community network testbed control system. , 2015, , .		0
14	Time series analysis to predict link quality of wireless community networks. Computer Networks, 2015, 93, 342-358.	3.2	11
15	A virtual reality-based multiplayer game using fine-grained localization. , 2015, , .		4
16	Federation Tools: An Island Connectivity Experiment with Community-Lab. , 2015, , .		0
17	Fault-tolerant application placement in heterogeneous cloud environments. , 2015, , .		12
18	Tracking and Predicting End-to-End Quality in Wireless Community Networks. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
19	Comparing Community Networks to the Internet: An Empirical Study of BGP Behaviour. , 2015, , .		0
20	A Network-Driven Multi-Access-Point Load-Balancing Algorithm for Large-Scale Public Hotspots. Lecture Notes in Computer Science, 2015, , 30-42.	1.0	0
21	Tracking and predicting link quality in wireless community networks. , 2014, , .		15
22	Mapping a community network. , 2014, , .		1
23	A case for research with and on community networks. Computer Communication Review, 2013, 43, 68-73.	1.5	89
24	A questionnaire based examination of community networks. , 2013, , .		18
25	Overhead analysis of embedded wireless testbeds. , 2012, , .		3
26	An analysis of requirements to supporting mobility in Body Area Networks. , 2012, , .		4
27	A Comprehensive Survey of Wireless Body Area Networks. Journal of Medical Systems, 2012, 36, 1065-1094.	2.2	648
28	On the Effects of Interference between Heterogeneous Sensor Network MAC Protocols. , 2011, , .		1
29	A survey on wireless body area networks. Wireless Networks, 2011, 17, 1-18.	2.0	878
30	Supporting mobility in Wireless Body Area Networks: An analysis. , 2011, , .		9
31	Node mobility support in body sensor networks. , 2010, , .		2
32	Supporting Mobility in Body Sensor Networks. , 2010, , .		5
33	TinySPOTComm: Facilitating Communication over IEEE 802.15.4 between Sun SPOTs and TinyOS-Based Motes. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 177-194.	0.2	0
34	Characterization of On-Body Communication Channel and Energy Efficient Topology Design for Wireless Body Area Networks. IEEE Transactions on Information Technology in Biomedicine, 2009, 13, 933-945.	3.6	259
35	Improving Reliability in Multi-hop Body Sensor Networks. , 2008, , .		47
36	SENSORCOMM 2008 Preface. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
37	The Need for Cooperation and Relaying in Short-Range High Path Loss Sensor Networks. , 2007, , .		59
38	A Low-delay Protocol for Multihop Wireless Body Area Networks. , 2007, , .		136
39	Path loss models for wireless communication channel along arm and torso: measurements and simulations. , 2007, , .		28
40	The Wireless Autonomous Spanning tree Protocol for Multihop Wireless Body Area Networks. , 2006, , .		43
41	The Wireless Autonomous Spanning tree Protocol for Multihop Wireless Body Area Networks. , 2006, , .		42