

Claude Chaudet

List of Publications by Year in descending order

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35
papers

1,069
citations

933447

10
h-index

1058476

14
g-index

36
all docs

36
docs citations

36
times ranked

1080
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Green Networking Research. IEEE Communications Surveys and Tutorials, 2012, 14, 3-20.	39.4	428
2	Bandwidth Estimation for IEEE 802.11-Based Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2008, 7, 1228-1241.	5.8	146
3	Energy-aware routing: A reality check. , 2010, , .		88
4	The SEMA referential framework: Avoiding ambiguities in the terms "security" and "safety". International Journal of Critical Infrastructure Protection, 2010, 3, 55-66.	4.6	85
5	Wireless Software Defined Networks: Challenges and opportunities. , 2013, , .		44
6	Malevolent Creativity and Social Media: Creating Anti-immigration Communities on Twitter. Creativity Research Journal, 2020, 32, 66-80.	2.6	31
7	Characterizing the Topology of an Urban Wireless Sensor Network for Road Traffic Management. IEEE Transactions on Vehicular Technology, 2016, 65, 5720-5725.	6.3	29
8	High-level modelling of critical infrastructures' interdependencies. International Journal of Critical Infrastructures, 2009, 5, 100.	0.2	25
9	Improving Accuracy in Available Bandwidth Estimation for IEEE 802.11-based Ad Hoc Networks. , 2006, , .		24
10	A distributed algorithm for adaptive traffic lights control. , 2012, , .		22
11	A distributed algorithm for multiple intersections adaptive traffic lights control using a wireless sensor networks. , 2012, , .		21
12	Next Generation Wireless Technologies for Internet of Things. Sensors, 2018, 18, 221.	3.8	18
13	A node-based available bandwidth evaluation in IEEE 802.11 <i>ad hoc</i> networks. International Journal of Parallel, Emergent and Distributed Systems, 2006, 21, 423-440.	1.0	15
14	Convergecast in Wireless Body Area Networks. Ad Hoc Networks, 2017, 66, 40-51.	5.5	15
15	Indoor Localization in Wireless Networks Based on a Two-Modes Gaussian Mixture Model. , 2013, , .		9
16	BANZKP: A Secure Authentication Scheme Using Zero Knowledge Proof for WBANs. , 2016, , .		9
17	Broadcast strategies and performance evaluation of IEEE 802.15.4 in wireless body area networks WBAN. Ad Hoc Networks, 2020, 97, 102006.	5.5	9
18	Enabling sleep mode in backbone IP-networks: A criticality-driven tradeoff. , 2012, , .		8

#	ARTICLE	IF	CITATIONS
19	Broadcast Strategies in Wireless Body Area Networks. , 2015, , .		8
20	Improving preamble sampling performance in wireless sensor networks with state information. , 2009, , .		3
21	Influence of radio communications on multiple intersection control by a wireless sensor network. , 2013, , .		3
22	A Distributed Algorithm for Bandwidth Allocation in Stable Ad Hoc Networks. Lecture Notes in Computer Science, 2004, , 101-115.	1.3	3
23	Improved Navigation Capabilities in Groups of Cooperative Wireless Body Area Networks. , 2014, , .		3
24	Connectivity analysis of wireless sensor networks deployments in smart cities. , 2015, , .		2
25	Is cooperative localization in wireless body area networks accurate enough for motion capture applications?. , 2015, , .		2
26	The Green-Game: Accounting for Device Criticality in Resource Consolidation for Backbone IP Networks. Strategic Behavior and the Environment, 2014, 4, 131-153.	0.4	2
27	An energy consumption model of variable preamble sampling MAC protocols for wireless sensor networks. , 2009, , .		1
28	Tee: Traffic-based energy estimators for duty-cycled Wireless Sensor Networks. , 2015, , .		1
29	BANZKP: A secure authentication scheme using zero knowledge proof for WBANs. , 2016, , .		1
30	Demo Abstract: MakeSenseâ€™Managing Reproducible WSNs Experiments. Lecture Notes in Electrical Engineering, 2014, , 65-71.	0.4	1
31	Using virtualization to study mobile multihop networks. Mobile Computing and Communications Review, 2013, 16, 18-19.	1.7	0
32	No-calibration localisation for indoor wireless sensor networks. International Journal of Ad Hoc and Ubiquitous Computing, 2014, 15, 200.	0.5	0
33	An Alternate Topology Generator for Joint Study of Power Grids and Communication Networks. Lecture Notes in Computer Science, 2010, , 50-61.	1.3	0
34	Large Scale Experiments of Multihop Networks in Mobile Scenarios. , 2015, , .		0
35	From the Characterization of Ranging Error to the Enhancement of Nodes Localization for Group of Wireless Body Area Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 185-196.	0.3	0