Israel Martin-Escalona

List of Publications by Year
in descending order

43 papers	141 citations	1684188 5 h-index	1588992 8 g-index
44 all docs	44 docs citations	44 times ranked	94 citing authors

#	Article	IF	Citations
1	Passive Round-Trip-Time Positioning in Dense IEEE 802.11 Networks. Electronics (Switzerland), 2020, 9, 1193.	3.1	16
2	The introduction of a topic on accessibility in several engineering degrees. , 2013, , .		15
3	A New Time-Based Algorithm for Positioning Mobile Terminals in Wireless Networks. Eurasip Journal on Advances in Signal Processing, 2008, 2008, 845173.	1.7	12
4	Comparative performance evaluation of IEEE 802.11v for positioning with time of arrival. Computer Standards and Interfaces, 2011, 33, 344-349.	5.4	12
5	Impact of geometry on the accuracy of the passive-TDOA algorithm. , 2008, , .		8
6	A Robust User Association, Backhaul Routing, and Switching Off Model for a 5G Network With Variable Traffic Demands. IEEE Access, 2020, 8, 96714-96726.	4.2	8
7	Delivery of non-standardized assistance data in E-OTD/GNSS hybrid location systems. , 0, , .		7
8	Performance stability of software ToA-based ranging in WLAN. , 2010, , .		7
9	Performance Evaluation of Middleware for Provisioning LBS in Cellular Networks. , 2007, , .		6
10	A field study on the fusion of terrestrial and satellite location methods in urban cellular networks. European Transactions on Telecommunications, 2010, 21, 632-639.	1.2	6
11	Fusion of WLAN and GNSS observables for positioning in urban areas: The position ambiguity. , 2011, , .		5
12	Teletraffic simulation of cellular networks: modeling the handoff arrivals and the handoff delay. , 0, , .		4
13	WLCp1-06: A Field Study on Terrestrial and Satellite Location Sources for Urban Cellular Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	4
14	Forecasting the next handoff for users moving with the Random Waypoint mobility model. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	4
15	Expert-based Assessment of an Augmentative and Alternative Communication Tool. , 2019, , .		3
16	Design and evaluation of ECO: an augmentative and alternative communication tool. Universal Access in the Information Society, 2022, 21, 827-849.	3.0	3
17	Hybrid location systems: delivering non-standardized assistance data in GSM/GPRS networks. European Transactions on Telecommunications, 2004, 15, 111-116.	1.2	2
18	Simulation of teletraffic variables in umts networks: impact of lognormal distributed call duration. , 0, , .		2

#	Article	IF	Citations
19	On the impact of ranging-error models for simulating indoors location systems. , 2009, , .		2
20	A Field Study on Satellite and Cellular Signals as Sources for Location. , 2010, , .		2
21	Passive TDOA location in mobile ad-hoc networks. , 2010, , .		2
22	A software platform for measuring distances through round trip time in IEEE 802.11. , 2013, , .		2
23	QoS-driven middleware for optimum provisioning of location based services. , 2007, , .		1
24	Performance evaluation of the passive TDOA algorithm in dark areas. , 2012, , .		1
25	DYMO Self-Forwarding: A Simple Way for Reducing the Routing Overhead in MANETs. Mobile Information Systems, 2017, 2017, 1-9.	0.6	1
26	A Middleware Approach for Reducing the Network Cost of Location Traffic in Cellular Networks. Lecture Notes in Computer Science, 2006, , 83-95.	1.3	1
27	Location in Ad Hoc Networks. , 0, , .		1
28	A Modification of DYMO Routing Protocol with Knowledge of Nodesâ€™ Position: Proposal and Evaluation. Lecture Notes in Computer Science, 2015, , 289-298.	1.3	1
29	Middleware-Controlled Resource consumption for Location Traffic in Cellular Networks. Journal of Communications Software and Systems, 2017, 2, 305.	0.8	1
30	Implementation and analysis of the AODVv2 Routing Protocol in ARM devices. , 2021, , .		1
31	On the study of location measurements in urban cellular networks. IEEE Latin America Transactions, 2007, 5, 465-470.	1.6	0
32	On the Availability of GNSS and Terrestrial Location Techniques: A Field Study. IEEE Vehicular Technology Conference, 2008, , .	0.4	0
33	Study of the results in a heterogeneous group for a course on computer networks. , 2012, , .		0
34	Impact of the range and geometry estimation in the accuracy of the passive TDOA algorithm. , 2012, , .		0
35	Software-based system for measuring location observables in IEEE 802.11 networks. , 2013, , .		0
36	A topic on simulation in telecommunications engineering. , 2014, , .		0

#	Article	IF	Citations
37	Impact of unreliable positioning in location-based routing protocols for MANETs. , 2017, , .		0
38	Implementation and Performance Assessment of Location-based Routing Protocols for MANETs. , 2017, , .		0
39	Simulation Analysis of Teletraffic Variables in DCA Cellular Networks. Lecture Notes in Computer Science, 2004, , 540-553.	1.3	0
40	Mobility Support. Lecture Notes in Electrical Engineering, 2009, , 151-200.	0.4	0
41	A Survey on Classical Teletraffic Models and Network Planning Issues for Cellular Telephony. International Journal of Business Data Communications and Networking, 2009, 5, 1-15.	0.7	0
42	New Trends in Mobility Modelling and Handover Prediction. Lecture Notes in Computer Science, 2014, , 88-114.	1.3	0
43	Scalability of Passive and Active Solutions for Time-Based Ranging in IEEE 802.11 Networks. Lecture Notes in Computer Science, 2016, , 135-146.	1.3	0