Israel Martin-Escalona

List of Publications by Year
in descending order

43 papers	**141** citations	1684188 **5** h-index
44 all docs	**44** docs citations	**44** times ranked

1588992 **8** g-index

94 citing authors

#	ARTICLE	IF	CITATIONS
1	Design and evaluation of ECO: an augmentative and alternative communication tool. Universal Access in the Information Society, 2022, 21, 827-849.	3.0	3
2	Implementation and analysis of the AODVv2 Routing Protocol in ARM devices. , 2021, , .		1
3	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
4	Passive Round-Trip-Time Positioning in Dense IEEE 802.11 Networks. Electronics (Switzerland), 2020, 9, 1193.	3.1	16
5	Expert-based Assessment of an Augmentative and Alternative Communication Tool. , 2019, , .		3
6	Impact of unreliable positioning in location-based routing protocols for MANETs. , 2017, , .		0
7	Implementation and Performance Assessment of Location-based Routing Protocols for MANETs. , 2017, , .		0
8	DYMO Self-Forwarding: A Simple Way for Reducing the Routing Overhead in MANETs. Mobile Information Systems, 2017, 2017, 1-9.	0.6	1
9	Middleware-Controlled Resource consumption for Location Traffic in Cellular Networks. Journal of Communications Software and Systems, 2017, 2, 305.	0.8	1
10	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
11	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
12	A topic on simulation in telecommunications engineering. , 2014, , .		0
13	New Trends in Mobility Modelling and Handover Prediction. Lecture Notes in Computer Science, 2014, , 88-114.	1.3	0
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	Software-based system for measuring location observables in IEEE 802.11 networks. , 2013, , .		0
16	A software platform for measuring distances through round trip time in IEEE 802.11. , 2013, , .		2
17	The introduction of a topic on accessibility in several engineering degrees. , 2013, , .		15
18	Study of the results in a heterogeneous group for a course on computer networks. , 2012, , .		0

#	Article	IF	Citations
19	Performance evaluation of the passive TDOA algorithm in dark areas. , 2012, , .		1
20	Impact of the range and geometry estimation in the accuracy of the passive TDOA algorithm. , 2012, , .		0
21	Fusion of WLAN and GNSS observables for positioning in urban areas: The position ambiguity. , 2011, , .		5
22	Comparative performance evaluation of IEEE 802.11v for positioning with time of arrival. Computer Standards and Interfaces, 2011, 33, 344-349.	5.4	12
23	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
24	A Field Study on Satellite and Cellular Signals as Sources for Location. , 2010, , .		2
25	Performance stability of software ToA-based ranging in WLAN. , 2010, , .		7
26	Passive TDOA location in mobile ad-hoc networks. , 2010, , .		2
27	On the impact of ranging-error models for simulating indoors location systems. , 2009, , .		2
28	Mobility Support. Lecture Notes in Electrical Engineering, 2009, , 151-200.	0.4	0
29	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
30	Impact of geometry on the accuracy of the passive-TDOA algorithm. , 2008, , .		8
31	On the Availability of GNSS and Terrestrial Location Techniques: A Field Study. IEEE Vehicular Technology Conference, 2008, , .	0.4	0
32	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
33	On the study of location measurements in urban cellular networks. IEEE Latin America Transactions, 2007, 5, 465-470.	1.6	0
34	Performance Evaluation of Middleware for Provisioning LBS in Cellular Networks. , 2007, , .		6
35	QoS-driven middleware for optimum provisioning of location based services. , 2007, , .		1
36	WLCp1-06: A Field Study on Terrestrial and Satellite Location Sources for Urban Cellular Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	4

#	Article	IF	Citations
37	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
38	Hybrid location systems: delivering non-standardized assistance data in GSM/GPRS networks. European Transactions on Telecommunications, 2004, 15, 111-116.	1.2	2
39	Simulation Analysis of Teletraffic Variables in DCA Cellular Networks. Lecture Notes in Computer Science, 2004, , 540-553.	1.3	0
40	Teletraffic simulation of cellular networks: modeling the handoff arrivals and the handoff delay. , 0, , .		4
41	Delivery of non-standardized assistance data in E-OTD/GNSS hybrid location systems. , 0, , .		7
42	Simulation of teletraffic variables in umts networks: impact of lognormal distributed call duration. , 0, , .		2
43	Location in Ad Hoc Networks. , 0, , .		1