

Eduardo F Nakamura

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

78
papers

1,833
citations

15
h-index

41
g-index

89
ext. papers

2,147
ext. citations

5.4
avg, IF

4.84
L-index

#	Paper	IF	Citations
78	. <i>IEEE Wireless Communications</i> , 2007 , 14, 6-12	13.4	354
77	Vehicular Ad Hoc Networks: A New Challenge for Localization-Based Systems. <i>Computer Communications</i> , 2008 , 31, 2838-2849	5.1	341
76	Information fusion for wireless sensor networks. <i>ACM Computing Surveys</i> , 2007 , 39, 9	13.4	322
75	2008 , 46, 96-101		73
74	Localization Prediction in Vehicular Ad Hoc Networks. <i>IEEE Communications Surveys and Tutorials</i> , 2018 , 20, 2784-2803	37.1	51
73	. <i>IEEE Transactions on Computers</i> , 2009 , 58, 677-691	2.5	50
72	An incremental technique for real-time bioacoustic signal segmentation. <i>Expert Systems With Applications</i> , 2015 , 42, 7367-7374	7.8	39
71	Bluepass: An indoor Bluetooth-based localization system for mobile applications 2010 ,		36
70	Target Tracking for Sensor Networks. <i>ACM Computing Surveys</i> , 2016 , 49, 1-31	13.4	36
69	DV-Loc: a scalable localization protocol using Voronoi diagrams for wireless sensor networks. <i>IEEE Wireless Communications</i> , 2009 , 16, 50-55	13.4	32
68	Localization in time and space for wireless sensor networks: An efficient and lightweight algorithm. <i>Performance Evaluation</i> , 2009 , 66, 209-222	1.2	25
67	A reactive role assignment for data routing in event-based wireless sensor networks. <i>Computer Networks</i> , 2009 , 53, 1980-1996	5.4	25
66	Error analysis of localization systems for sensor networks 2005 ,		21
65	Using Information Fusion to Assist Data Dissemination in Wireless Sensor Networks. <i>Telecommunication Systems</i> , 2005 , 30, 237-254	2.3	20
64	A prediction-based clustering algorithm for tracking targets in quantized areas for wireless sensor networks. <i>Wireless Networks</i> , 2015 , 21, 2263-2278	2.5	18
63	A Novel Location-Free Greedy Forward Algorithm for Wireless Sensor Networks 2008 ,		14
62	An enhanced location-free Greedy Forward algorithm with hole bypass capability in wireless sensor networks. <i>Journal of Parallel and Distributed Computing</i> , 2015 , 77, 1-10	4.4	13

61	A Voronoi Approach for Scalable and Robust DV-Hop Localization System for Sensor Networks 2007,		13
60	Diffuse: A topology building engine for wireless sensor networks. <i>Signal Processing</i> , 2007 , 87, 2991-3009	4.4	13
59	A novel lightweight algorithm for time-space localization in wireless sensor networks 2007,		13
58	Similarity clustering for data fusion in Wireless Sensor Networks using k-means 2012,		12
57	A Novel Greedy Forward Algorithm for Routing Data toward a High Speed Sink in Wireless Sensor Networks 2010,		12
56	Information fusion in wireless sensor networks 2008,		12
55	Towards an Integrated Solution for Node Localization and Data Routing in Sensor Networks. <i>Proceedings - International Symposium on Computers and Communications</i> , 2007,		12
54	Localization in Time and Space for Sensor Networks. <i>International Conference on Advanced Networking and Applications</i> , 2007,		12
53	Localization Systems for Wireless Sensor Networks 2008 , 307-340		11
52	Directed position estimation: a recursive localization approach for wireless sensor networks		11
51	A comparison of hierarchical multi-output recognition approaches for anuran classification. <i>Machine Learning</i> , 2018 , 107, 1651-1671	4	11
50	Data centric sensor stream reduction for real-time applications in wireless sensor networks. <i>Sensors</i> , 2009 , 9, 9666-88	3.8	10
49	A hybrid adaptive routing algorithm for event-driven wireless sensor networks. <i>Sensors</i> , 2009 , 9, 7287-3078	3.78	10
48	On the impact of localization and density control algorithms in target tracking applications for wireless sensor networks. <i>Sensors</i> , 2012 , 12, 6930-52	3.8	10
47	Fusing light and temperature data for fire detection 2010,		10
46	Feature evaluation for unsupervised bioacoustic signal segmentation of anuran calls. <i>Expert Systems With Applications</i> , 2018 , 106, 107-120	7.8	9
45	Feature subset selection for automatically classifying anuran calls using sensor networks 2012,		9
44	Design and Construction of Wireless Sensor Network Gateway with IPv4/IPv6 Support 2011,		9

43	On the performance of localization prediction methods for vehicular Ad Hoc Networks 2015 ,		8
42	Data driven performance evaluation of Wireless Sensor Networks. <i>Sensors</i> , 2010 , 10, 2150-68	3.8	8
41	Detecting Hate, Offensive, and Regular Speech in Short Comments 2017 ,		7
40	On the performance of target tracking algorithms using actual localization systems for wireless sensor networks 2009 ,		7
39	Assessing the communication performance of wireless sensor networks in rainforests 2009 ,		7
38	Data Stream Based Algorithms For Wireless Sensor Network Applications. <i>International Conference on Advanced Networking and Applications</i> , 2007 ,		7
37	Cloud-assisted Computing for Event-driven Mobile Services. <i>Mobile Networks and Applications</i> , 2014 , 19, 161-170	2.9	6
36	Mutual singular spectrum analysis for bioacoustics classification 2017 ,		6
35	On the design of UPnP gateways for service discovery in wireless sensor networks 2011 ,		6
34	Localization in time and space for wireless sensor networks: A Mobile Beacon approach 2008 ,		6
33	Recognizing Family, Genus, and Species of Anuran Using a Hierarchical Classification Approach. <i>Lecture Notes in Computer Science</i> , 2016 , 198-212	0.9	5
32	Towards a flexible event-detection model for wireless sensor networks 2010 ,		5
31	Tracking targets in quantized areas with wireless sensor networks 2011 ,		5
30	Compressive Sensing for Efficiently Collecting Wildlife Sounds with Wireless Sensor Networks 2012 ,		5
29	Multi: A Hybrid Adaptive Dissemination Protocol for Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2004 , 171-186	0.9	5
28	Unsupervised selection of the singular spectrum components based on information theory for bioacoustic signal filtering 2018 , 82, 64-79		4
27	A Distributed Approach for Classifying Anuran Species Based on Their Calls 2014 ,		4
26	Error estimation in wireless sensor networks 2008 ,		4

25	How to Correctly Evaluate an Automatic Bioacoustics Classification Method. <i>Lecture Notes in Computer Science</i> , 2016 , 37-47	0.9	4
24	Reducing the impact of location errors for target tracking in wireless sensor networks. <i>Journal of the Brazilian Computer Society</i> , 2013 , 19, 89-104	1.9	3
23	Topology-related modeling and characterization of wireless sensor networks 2011 ,		3
22	An RSSI-based navigation algorithm for a mobile robot in Wireless Sensor Networks 2012 ,		3
21	A Sampling Data Stream Algorithm For Wireless Sensor Networks 2007 ,		3
20	BeanWatcher: A Tool to Generate Multimedia Monitoring Applications for Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2003 , 128-141	0.9	3
19	Predicting Music Success Based on Users' Comments on Online Social Networks 2017 ,		2
18	Using Complex Networks to Assess Collaboration in Rap Music 2017 ,		2
17	A distributed tracking algorithm for target interception in face-structured sensor networks 2014 ,		2
16	VCARP: Vehicular Ad-hoc Networks context-aware routing protocol 2012 ,		2
15	Event detection framework for wireless sensor networks considering data anomaly 2012 ,		2
14	Greedy Routing and Data Aggregation in wireless sensor networks 2013 ,		2
13	Design of a routing protocol using remaining energy and link quality indicator (REL) 2011 ,		2
12	Design and construction of a wireless sensor and actuator network gateway based on 6LoWPAN 2011 ,		2
11	A differential coding algorithm for wireless sensor networks 2008 ,		2
10	Localization in Vehicular Ad-Hoc Networks. <i>Chapman & Hall/CRC Computer and Information Science Series</i> , 2009 , 1-17		2
9	Characterizing the communication in the Amazon rainforest: towards a realistic simulation. <i>Journal of the Brazilian Computer Society</i> , 2013 , 19, 383-393	1.9	1
8	A coverage-based drop-policy in wireless sensor network with disruptive connections 2012 ,		1

- 7 On the Use of Compressive Sensing for the Reconstruction of Anuran Sounds in a Wireless Sensor Network **2012**, 1
- 6 Algorithms for Wireless Sensor Networks: Present and Future **2008**, 1-19 1
- 5 Enlightness: An enhanced and lightweight algorithm for time-space localization in Wireless Sensor Networks **2008**, 1
- 4 Software frameworks for information systems integration based on web services **2008**, 1
- 3 On The Use Data Reduction Algorithms for Real-Time Wireless Sensor Networks. *Proceedings - International Symposium on Computers and Communications*, **2007**, 1
- 2 An Event-Detection Estimation Model for Hybrid Adaptive Routing in WSNs **2007**, 1
- 1 Secure Localization Systems: Protocols and Techniques in Wireless Sensor Networks **2008**, 521-534