Christos Laoudias

List of Publications by Year
in descending order

59	1,671	687363 13	839539 18
papers	citations	h-index	g-index

59	59	59	1696
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Comprehensive Solution for Securing Connected and Autonomous Vehicles. , 2022, , .		3
2	Deep Reinforcement Learning Multi-UAV Trajectory Control for Target Tracking. IEEE Internet of Things Journal, 2021, 8, 15441-15455.	8.7	50
3	Indoor Quality-of-position Visual Assessment Using Crowdsourced Fingerprint Maps. ACM Transactions on Spatial Algorithms and Systems, 2021, 7, 1-32.	1.4	2
4	CARAMEL: results on a secure architecture for connected and autonomous vehicles detecting GPS spoofing attacks. Eurasip Journal on Wireless Communications and Networking, 2021, 2021, .	2.4	14
5	GPS Location Spoofing Attack Detection for Enhancing the Security of Autonomous Vehicles. , 2021, , .		8
6	Image and WLAN Bimodal Integration for Indoor User Localization. IEEE Transactions on Mobile Computing, 2020, 19, 1109-1122.	5.8	17
7	5G Enabled Cooperative Localization of Connected and Semi-Autonomous Vehicles via Sparse Laplacian Processing. , 2020, , .		2
8	Coordinated CRLB-based Control for Tracking Multiple First Responders in 3D Environments. , 2020, , .		4
9	GNSS Location Verification in Connected and Autonomous Vehicles Using in-Vehicle Multimodal Sensor Data Fusion. , 2020, , .		3
10	Indoor Localization with Wi-Fi Fine Timing Measurements Through Range Filtering and Fingerprinting Methods. , 2020, , .		7
11	Multi-Radio V2X Communications Interoperability Through a Multi-Access Edge Computing (MEC). , 2020, , .		4
12	The CARAMEL Project: a Secure Architecture for Connected and Autonomous Vehicles. , 2020, , .		7
13	Optimizing Investments in Cyber Hygiene for Protecting Healthcare Users. Lecture Notes in Computer Science, 2020, , 268-291.	1.3	5
14	A Qualitative and Quantitative Evaluation of Differential Signal Strength Fingerprinting Methods. , 2019, , .		4
15	Survey on Indoor Map Standards and Formats. , 2019, , .		13
16	A Survey of Enabling Technologies for Network Localization, Tracking, and Navigation. IEEE Communications Surveys and Tutorials, 2018, 20, 3607-3644.	39.4	281
17	Internet-Based Indoor Navigation Services. IEEE Internet Computing, 2017, 21, 54-63.	3.3	24
18	Indoor Localization Accuracy Estimation from Fingerprint Data. , 2017, , .		18

#	Article	IF	Citations
19	ACCES: Offline Accuracy Estimation for Fingerprint-Based Localization. , 2017, , .		1
20	The anatomy of the anyplace indoor navigation service. SIGSPATIAL Special, 2017, 9, 3-10.	2.7	20
21	Heterogeneous Device Tracking With RSS Variation Mitigation Over a Radio Map. IEEE Wireless Communications Letters, 2016, 5, 552-555.	5.0	6
22	Adaptive Energy-Oriented Multitask Allocation in Smart Camera Networks. IEEE Embedded Systems Letters, 2016, 8, 37-40.	1.9	48
23	Experimental evaluation of RF-based indoor localization algorithms under RF interference. , 2015, , .		13
24	Anyplace: A Crowdsourced Indoor Information Service. , 2015, , .		20
25	Cooperative fault-tolerant target tracking in Camera Sensor Networks. , 2015, , .		6
26	A realistic evaluation and comparison of indoor location technologies. , 2015, , .		247
27	Mobile Data Management in Indoor Spaces. , 2015, , .		0
28	Fault-tolerant tracking of multiple targets in collaborative Camera Networks. , 2015, , .		0
29	Hybrid sensor networks localization dealing with range-capable and range-free nodes. , 2014, , .		6
30	Demonstration abstract: Crowdsourced indoor localization and navigation with Anyplace. , 2014, , .		10
31	ftTRACK. ACM Transactions on Sensor Networks, 2014, 10, 1-28.	3.6	5
32	Improving the reliability of emergency response networks using revolvernet. , 2014, , .		2
33	Fault Tolerant Localization and Tracking of Multiple Sources in WSNs Using Binary Data. IEEE Transactions on Mobile Computing, 2014, 13, 1213-1227.	5.8	24
34	Differential signal strength fingerprinting revisited. , 2014, , .		11
35	Crowdsourced Trace Similarity with Smartphones. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1240-1253.	5.7	26
36	Crowdsourced indoor localization for diverse devices through radiomap fusion. , 2013, , .		50

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37	Fault tolerant target localization and tracking in binary WSNs using sensor health state estimation. , 2013, , .		4
38	Device self-calibration in location systems using signal strength histograms. Journal of Location Based Services, 2013, 7, 165-181.	1.9	52
39	Sensor health state estimation for target tracking with binary sensor networks. , 2013, , .		1
40	Indoor geolocation on multi-sensor smartphones. , 2013, , .		12
41	Fault detection and mitigation in WLAN RSS fingerprint-based positioning. Journal of Location Based Services, 2012, 6, 101-116.	1.9	14
42	Towards planet-scale localization on smartphones with a partial radiomap. , 2012, , .		6
43	Cross device fingerprint-based positioning using 3D Ray Tracing. , 2012, , .		9
44	3D Ray Tracing for device-independent fingerprint-based positioning in WLANs. , 2012, , .		26
45	Crowdsourcing with Smartphones. IEEE Internet Computing, 2012, 16, 36-44.	3.3	342
46	The Airplace Indoor Positioning Platform for Android Smartphones. , 2012, , .		35
47	Device signal strength self-calibration using histograms. , 2012, , .		24
48	Fault detection and mitigation in WLAN RSS fingerprint-based positioning. , 2011, , .		8
49	Hand-grip and body-loss impact on RSS measurements for localization of mass market devices. , 2011, , .		20
50	Fault Tolerant Target Localization and Tracking in Wireless Sensor Networks Using Binary Data. , 2011, , .		0
51	Fault Tolerant Fingerprint-Based Positioning. , 2011, , .		10
52	Disclosure-Free GPS Trace Search in Smartphone Networks. , 2011, , .		3
53	SmartTrace: Finding similar trajectories in smartphone networks without disclosing the traces. , 2011, , .		29
54	On the RBF-based positioning using WLAN signal strength fingerprints. , 2010, , .		17

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55	Fault tolerant positioning using WLAN signal strength fingerprints. , 2010, , .		5
56	Fault tolerant detection and tracking of multiple sources in WSNs using binary data. , 2009, , .		5
57	Localization Using Radial Basis Function Networks and Signal Strength Fingerprints in WLAN. , 2009, , .		53
58	Indoor Localization Using Neural Networks with Location Fingerprints. Lecture Notes in Computer Science, 2009, , 954-963.	1.3	32
59	Part one: The Statistical Terminal Assisted Mobile Positioning methodology and architecture. Computer Communications, 2008, 31, 1126-1137.	5.1	3