Robert Harle

List of Publications by Year
in descending order

15 papers	1,646 citations	1937685 4 h-index	2272923 4 g-index
15 all docs	15 docs citations	15 times ranked	1822 citing authors

#	Article	IF	Citations
1	Contextual Location in the Home Using Bluetooth Beacons. IEEE Systems Journal, 2019, 13, 2720-2723.	4.6	13
2	Signal Fingerprint Anomaly Detection for Probabilistic Indoor Positioning. , 2018, , .		7
3	Bellrock: Anonymous Proximity Beacons From Personal Devices. , 2018, , .		5
4	Semi-Automated Signal Surveying Using Smartphones and Floorplans. IEEE Transactions on Mobile Computing, 2018, 17, 1952-1965.	5.8	16
5	Towards a crowdsourced radio map for indoor positioning system. , 2017, , .		8
6	Assessing the impact of multi-channel BLE beacons on fingerprint-based positioning. , 2017, , .		20
7	Easing the survey burden: Quantitative assessment of low-cost signal surveys for indoor positioning. , 2016, , .		9
8	Sequence-based magnetic loop closures for automated signal surveying. , 2015, , .		6
9	Location Fingerprinting With Bluetooth Low Energy Beacons. IEEE Journal on Selected Areas in Communications, 2015, 33, 2418-2428.	14.0	617
10	Walk detection and step counting on unconstrained smartphones. , 2013, , .		246
11	A Survey of Indoor Inertial Positioning Systems for Pedestrians. IEEE Communications Surveys and Tutorials, 2013, 15, 1281-1293.	39.4	652
12	Scalable indoor pedestrian localisation using inertial sensing and parallel particle filters. , 2012, , .		8
13	Optical tracking using commodity hardware. , 2008, , .		39
14	POISE: An Inexpensive, Low-Power Location Sensor Based on Electrostatics. , 2006, , .		0
15	POISE: An Inexpensive, Low-Power Location Sensor Based on Electrostatics. , 2006, , .		0