Jaron Fontaine

List of Publications by Year
in descending order

15 papers	**230** citations	1163117 **8** h-index	1281871 **11** g-index
15 all docs	**15** docs citations	**15** times ranked	**179** citing authors

#	Article	IF	Citations
1	Multistatic UWB Radar-Based Passive Human Tracking Using COTS Devices. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 695-699.	4.0	13
2	A framework for energy-efficient equine activity recognition with leg accelerometers. Computers and Electronics in Agriculture, 2021, 183, 106020.	7.7	13
3	UWB anchor nodes self-calibration in NLOS conditions: a machine learning and adaptive PHY error correction approach. Wireless Networks, 2021, 27, 3007-3023.	3.0	17
4	Ultra-Wideband Indoor Positioning and IMU-Based Activity Recognition for Ice Hockey Analytics. Sensors, 2021, 21, 4650.	3.8	28
5	Horse Jumping and Dressage Training Activity Detection Using Accelerometer Data. Animals, 2021, 11, 2904.	2.3	5
6	Anchor Pair Selection for Error Correction in Time Difference of Arrival (TDoA) Ultra Wideband (UWB) Positioning Systems. , 2021, , .		8
7	Automatic equine activity detection by convolutional neural networks using accelerometer data. Computers and Electronics in Agriculture, 2020, 168, 105139.	7.7	28
8	Badminton Activity Recognition Using Accelerometer Data. Sensors, 2020, 20, 4685.	3.8	29
9	Edge Inference for UWB Ranging Error Correction Using Autoencoders. IEEE Access, 2020, 8, 139143-139155.	4.2	29
10	Feasibility of Wireless Horse Monitoring Using a Kinetic Energy Harvester Model. Electronics (Switzerland), 2020, 9, 1730.	3.1	5
11	Log-Based Intrusion Detection for Cloud Web Applications Using Machine Learning. Lecture Notes in Networks and Systems, 2020, , 197-210.	0.7	8
12	Multi-band sub-GHz technology recognition on NVIDIAâ€™s Jetson Nano. , 2020, , .		3
13	A Convolutional Neural Network Approach for Classification of LPWAN Technologies: Sigfox, LoRA and IEEE 802.15.4g. , 2019, , .		16
14	Towards low-complexity wireless technology classification across multiple environments. Ad Hoc Networks, 2019, 91, 101881.	5.5	26
15	Demo Abstract: Identification of LPWAN Technologies using Convolutional Neural Networks. , 2019, , .		2