

# Jaron Fontaine

## List of Publications by Year in descending order

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15  
papers

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citations

1163117

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1281871

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docs citations

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times ranked

179  
citing authors

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