

# Hiroshi Saito

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10561166/publications.pdf>

Version: 2024-02-01

10  
papers

138  
citations

1478505

6  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time tracking of a moving target in an indoor corridor of the hospital building using RSSI signals received from two reference nodes. <i>Medical and Biological Engineering and Computing</i> , 2022, 60, 439-458.	2.8	9
2	RSSI-Based Indoor Localization Using Multi-Lateration With Zone Selection and Virtual Position-Based Compensation Methods. <i>IEEE Access</i> , 2021, 9, 46223-46239.	4.2	19
3	Development of an adaptive device-free human detection system for residential lighting load control. <i>Computers and Electrical Engineering</i> , 2021, 93, 107233.	4.8	5
4	An Autonomous RSSI Filtering Method for Dealing with Human Movement Effects in an RSSI-Based Indoor Localization System. <i>Journal of Electrical Engineering and Technology</i> , 2020, 15, 2299-2314.	2.0	10
5	Enhancement of RSSI-Based Localization Using an Extended Weighted Centroid Method With Virtual Reference Node Information. <i>Journal of Electrical Engineering and Technology</i> , 2020, 15, 1879-1897.	2.0	8
6	Adaptive repetitive controller for an active power filter in three phase four wire systems. <i>IET Power Electronics</i> , 2020, 13, 2756-2766.	2.1	8
7	Adaptive Filtering Methods for RSSI Signals in a Device-Free Human Detection and Tracking System. <i>IEEE Systems Journal</i> , 2019, 13, 2998-3009.	4.6	33
8	A System for Detection and Tracking of Human Movements Using RSSI Signals. <i>IEEE Sensors Journal</i> , 2018, 18, 2531-2544.	4.7	40
9	A Novel FPGA-Based Multi-Channel Multi-Interface Wireless Node: Implementation and Preliminary Test. <i>Lecture Notes in Electrical Engineering</i> , 2016, , 1163-1173.	0.4	6
10	Effects of Human Presence and Movement on Received Signal Strength Levels in a 2.4GHz Wireless Link: An Experimental Study. <i>Journal of Electrical Engineering and Technology</i> , 0, , 1.	2.0	0