

Hiroshi Saito

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1478505

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1474206

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g-index

10
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10
docs citations

10
times ranked

118
citing authors

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