Taewook Kang

List of Publications by Year
in descending order

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17	148	1478505 6	1199594 12
papers	citations	h-index	g-index

17	17	17	197
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Energy Combiner for a Multi-Input Energy-Harvesting System. IEEE Transactions on Circuits and Systems II: Express Briefs, 2015, 62, 911-915.	3.0	30
2	Measurement and Analysis of Electric Signal Transmission Using Human Body as Medium for WBAN Applications. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 527-537.	4.7	19
3	Review of capacitive coupling human body communications based on digital transmission. ICT Express, 2016, 2, 180-187.	4.8	18
4	Evaluation of Human Body Characteristics for Electric Signal Transmission Based on Measured Body Impulse Response. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 6399-6411.	4.7	16
5	A Method of Increasing Data Rate for Human Body Communication System for Body Area Network Applications. , 2012, , .		11
6	Evaluation of a betavoltaic energy converter supporting scalable modular structure. ETRI Journal, 2019, 41, 254-261.	2.0	8
7	TEI-ULP: Exploiting Body Biasing to Improve the TEI-Aware Ultralow Power Methods. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2019, 38, 1758-1770.	2.7	7
8	A lightweight true random number generator using beta radiation for IoT applications. ETRI Journal, 2020, 42, 951-964.	2.0	7
9	Measurement and Analysis of Human Body Channel Response for Biometric Recognition. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	6
10	Measurement and Evaluation of Electric Signal Transmission Through Human Body by Channel Modeling, System Design, and Implementation. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-14.	4.7	6
11	Energy Management Integrated Circuit for Multi-Source Energy Harvesters in WBAN Applications. Applied Sciences (Switzerland), 2018, 8, 1262.	2.5	5
12	Improving data rate in the human body communications. , 2014, , .		3
13	Efficient hardware implementation and analysis of true randomâ€number generator based on beta source. ETRI Journal, 2020, 42, 518-526.	2.0	3
14	User Recognition Based on Human Body Impulse Response: A Feasibility Study. IEEE Access, 2020, 8, 6627-6637.	4.2	3
15	Spiking Neural Networks-Inspired Signal Detection Based on Measured Body Channel Response. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-16.	4.7	3
16	Required transmitter power for frequency selective digital transmission on the effect of the human body channel. , 2010, , .		2
17	Sound transmission through the human body with digital weaver modulation (DWM) method. , 2014, , .		1