Behailu Kibret

List of Publications by Year
in descending order

19	564	1040056 9	1199594 12
papers	citations	h-index	g-index

19	19	19	627
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Soft gold nanowire sponge antenna for battery-free wireless pressure sensors. Nanoscale, 2021, 13, 3957-3966.	5.6	17
2	A Review of Implant Communication Technology in WBAN: Progress and Challenges. IEEE Reviews in Biomedical Engineering, 2019, 12, 88-99.	18.0	75
3	Menelik: A detailed anatomical human head model for electromagnetic computations. , 2019, , .		0
4	Wireless Implant Communications Using the Human Body. Advances in Computer and Electrical Engineering Book Series, 2019, , 1153-1171.	0.3	0
5	Electroconvulsive therapy (ECT) during pregnancy: quantifying and assessing the electric field strength inside the foetal brain. Scientific Reports, 2018, 8, 4128.	3.3	7
6	An Integrated Sensor IBC Implant Transceiver. , 2018, , .		0
7	Wireless Implant Communications Using the Human Body. , 2018, , 6319-6334.		1
8	A New Perspective on the Cylindrical Antenna Theory. IEEE Transactions on Antennas and Propagation, 2016, 64, 2981-2988.	5.1	1
9	Galvanically Coupled Intrabody Communications for Medical Implants: A Unified Analytic Model. IEEE Transactions on Antennas and Propagation, 2016, 64, 2989-3002.	5.1	28
10	Analysis of the Human Body as an Antenna for Wireless Implant Communication. IEEE Transactions on Antennas and Propagation, 2016, 64, 1466-1476.	5.1	22
11	Characterizing the Human Body as a Monopole Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 4384-4392.	5.1	28
12	Cylindrical Antenna Theory for the Analysis of Whole-Body Averaged Specific Absorption Rate. IEEE Transactions on Antennas and Propagation, 2015, 63, 5224-5229.	5.1	10
13	An Overview of Intra-Body Communication Transceivers for Biomedical Applications. , 2015, , 469-478.		1
14	ANALYSIS OF THE WHOLE-BODY AVERAGED SPECIFIC ABSORPTION RATE (SAR) FOR FAR-FIELD EXPOSURE OF AN ISOLATED HUMAN BODY USING CYLINDRICAL ANTENNA THEORY. Progress in Electromagnetics Research M, 2014, 38, 103-112.	0.9	5
15	HUMAN BODY AS ANTENNA AND ITS EFFECT ON HUMAN BODY COMMUNICATIONS. Progress in Electromagnetics Research, 2014, 148, 193-207.	4.4	27
16	Investigation of Galvanic-Coupled Intrabody Communication Using the Human Body Circuit Model. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1196-1206.	6.3	80
17	An empirical comparison of limb joint effects on capacitive and galvanic coupled intra-body communications. , 2013, , .		8
18	The effect of tissues in galvanic coupling Intrabody Communication. , 2013, , .		2

#	Article	IF	Citations
19	A Survey on Intrabody Communications for Body Area Network Applications. IEEE Transactions on Biomedical Engineering, 2013, 60, 2067-2079.	4.2	252