

# Behailu Kibret

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/974621/publications.pdf>

Version: 2024-02-01

19  
papers

564  
citations

1039880

9  
h-index

1199470

12  
g-index

19  
all docs

19  
docs citations

19  
times ranked

627  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on Intrabody Communications for Body Area Network Applications. IEEE Transactions on Biomedical Engineering, 2013, 60, 2067-2079.	2.5	252
2	Investigation of Galvanic-Coupled Intrabody Communication Using the Human Body Circuit Model. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1196-1206.	3.9	80
3	A Review of Implant Communication Technology in WBAN: Progress and Challenges. IEEE Reviews in Biomedical Engineering, 2019, 12, 88-99.	13.1	75
4	Characterizing the Human Body as a Monopole Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 4384-4392.	3.1	28
5	Galvanically Coupled Intrabody Communications for Medical Implants: A Unified Analytic Model. IEEE Transactions on Antennas and Propagation, 2016, 64, 2989-3002.	3.1	28
6	HUMAN BODY AS ANTENNA AND ITS EFFECT ON HUMAN BODY COMMUNICATIONS. Progress in Electromagnetics Research, 2014, 148, 193-207.	1.6	27
7	Analysis of the Human Body as an Antenna for Wireless Implant Communication. IEEE Transactions on Antennas and Propagation, 2016, 64, 1466-1476.	3.1	22
8	Soft gold nanowire sponge antenna for battery-free wireless pressure sensors. Nanoscale, 2021, 13, 3957-3966.	2.8	17
9	Cylindrical Antenna Theory for the Analysis of Whole-Body Averaged Specific Absorption Rate. IEEE Transactions on Antennas and Propagation, 2015, 63, 5224-5229.	3.1	10
10	An empirical comparison of limb joint effects on capacitive and galvanic coupled intra-body communications. , 2013, , .		8
11	Electroconvulsive therapy (ECT) during pregnancy: quantifying and assessing the electric field strength inside the foetal brain. Scientific Reports, 2018, 8, 4128.	1.6	7
12	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.	0.5	5
13	The effect of tissues in galvanic coupling Intrabody Communication. , 2013, , .		2
14	A New Perspective on the Cylindrical Antenna Theory. IEEE Transactions on Antennas and Propagation, 2016, 64, 2981-2988.	3.1	1
15	An Overview of Intra-Body Communication Transceivers for Biomedical Applications. , 2015, , 469-478.		1
16	Wireless Implant Communications Using the Human Body. , 2018, , 6319-6334.		1
17	An Integrated Sensor IBC Implant Transceiver. , 2018, , .		0
18	Menelik: A detailed anatomical human head model for electromagnetic computations. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Wireless Implant Communications Using the Human Body. Advances in Computer and Electrical Engineering Book Series, 2019, , 1153-1171.	0.2	0