

# M I Hossain

## List of Publications by Year in descending order

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27  
papers

295  
citations

1163117

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h-index

940533

16  
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28  
all docs

28  
docs citations

28  
times ranked

192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband Magnetic Absorber Based on Double-Layer Frequency-Selective Surface. IEEE Transactions on Antennas and Propagation, 2022, 70, 410-419.	5.1	20
2	Calibrated Parallel-Plate Waveguide Technique for Low-Frequency and Broadband Absorptivity Measurement. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1541-1545.	4.0	8
3	Calibrated Broadband Measurement Technique for Complex Permittivity and Permeability. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 3580-3591.	4.6	7
4	Equivalent Circuit Design Method for Wideband Nonmagnetic Absorbers at Low Microwave Frequencies. IEEE Transactions on Antennas and Propagation, 2020, 68, 8215-8220.	5.1	46
5	A comparative study of the PIFA and printed monopole antenna EM absorption. Biomedizinische Technik, 2017, 62, 13-21.	0.8	0
6	Low-SAR metamaterial-inspired printed monopole antenna. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	6
7	Double-negative metamaterial for mobile phone application. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	5
8	Effects of hand on EM absorption and antenna performances for internal handset PIFA. Tehnicki Vjesnik, 2017, 24, .	0.2	1
9	A metamaterial-embedded wide-band antenna for the microwave C-band. Materiali in Tehnologije, 2017, 51, 25-28.	0.5	0
10	A Comparative Study of the Effects of Substrate Composite Materials on External and Internal Handset Antenna EM Absorption. Medziagotyra, 2016, 22, .	0.2	1
11	Low SAR planar inverted-F antenna for mobile phone. , 2016, , .		3
12	A compact disc-shaped super wideband patch antenna with a structure of parasitic element. International Journal of Applied Electromagnetics and Mechanics, 2016, 50, 11-28.	0.6	6
13	Design and analysis of coupled-resonator reconfigurable antenna. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	6
14	Design and analysis of double negative metamaterial for microwave s-band. , 2015, , .		1
15	Design and analysis of mobile phone casing for the reduction of EM absorption. International Journal of Applied Electromagnetics and Mechanics, 2015, 49, 395-403.	0.6	1
16	Miniature low SAR printed monopole antenna for mobile phone. Microwave and Optical Technology Letters, 2015, 57, 2471-2475.	1.4	9
17	Design and analysis of metamaterial inspired low SAR PIFA for mobile phone. International Journal of Applied Electromagnetics and Mechanics, 2015, 48, 459-467.	0.6	10
18	Metamaterial-Embedded Low SAR PIFA for Cellular Phone. PLoS ONE, 2015, 10, e0142663.	2.5	6

#	ARTICLE	IF	CITATIONS
19	Investigation of hand impact on PIFA performances and SAR in human head. Journal of Applied Research and Technology, 2015, 13, 447-453.	0.9	19
20	Low specific absorption rate microstrip patch antenna for cellular phone applications. IET Microwaves, Antennas and Propagation, 2015, 9, 1540-1546.	1.4	28
21	Low SAR Microstrip Patch Antenna for Mobile Phone. Frequenz, 2015, 69, .	0.9	3
22	A New Wide-Band Double-Negative Metamaterial for C- and S-Band Applications. Materials, 2015, 8, 57-71.	2.9	51
23	Analysis on the effect of the distances and inclination angles between human head and mobile phone on SAR. Progress in Biophysics and Molecular Biology, 2015, 119, 103-110.	2.9	32
24	Analysis of the effects of distance between head and mobile phone on SAR. , 2015, , .		1
25	Printed microstrip- fed circular patch antenna for wireless communication. , 2014, , .		1
26	Effects of hand on EM absorption of internal handset antenna. , 2014, , .		0
27	Application of Auxiliary Antenna Elements for SAR Reduction in the Human Head. Advanced Materials Research, 0, 974, 288-292.	0.3	21