

# Assoc Abdullah Genc

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

158  
citations

1307594

7  
h-index

1281871

11  
g-index

21  
all docs

21  
docs citations

21  
times ranked

83  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of the EMI Effect on Natural Convection Heatsinks. IETE Journal of Research, 2023, 69, 3550-3560.	2.6	0
2	The dielectric properties prediction of the vegetation depending on the moisture content using the deep neural network model. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, .	1.2	12
3	Heatsink Preselection Chart to Minimize Radiated Emission in Broadband on the PCB. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 419-426.	2.2	16
4	Measuring and modelling the complex-permittivity of hemp plant (Cannabis Sativa) at X band for microwave remote sensing. Journal of Electromagnetic Waves and Applications, 2021, 35, 1909-1921.	1.6	7
5	Deep learning for both broadband prediction of the radiated emission from heatsinks and heatsink optimization. Engineering Science and Technology, an International Journal, 2021, 24, 706-714.	3.2	9
6	A new path loss model based on the volumetric occupancy rate for the pine forests at 5G frequency band. International Journal of Microwave and Wireless Technologies, 2021, 13, 144-153.	1.9	5
7	Determination and modelling of dielectric properties of the cherry leaves of varying moisture content over 3.30â€“7.05â€‰GHz frequency range. Journal of Microwave Power and Electromagnetic Energy, 2020, 54, 254-270.	0.8	13
8	The effect of fin types of the heatsinks on radiated emission on the printed circuit board at Sâ€‰band. Microwave and Optical Technology Letters, 2020, 62, 3099-3106.	1.4	12
9	Parametric Study of the Radiated Emission From the Plate-Fin CPU Heatsink at 2â€‰GHz. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 2401-2410.	2.2	12
10	A new semiempirical model determining the dielectric characteristics of citrus leaves for the remote sensing at C band. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 1644-1655.	1.4	11
11	Effect of orientation of RF sources maintained within the enclosures on electrical shielding effectiveness performance. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 3088-3097.	1.4	5
12	The Effect of Feeding Point on Electromagnetic Emission Due to Heat Sink. , 2019, , .		5
13	Variation of Radiated Emission from Heatsinks on PCB according to Fin Types. , 2019, , .		8
14	Investigation of the characteristics of low-cost and lightweight horn array antennas with novel monolithic waveguide feeding networks. AEU - International Journal of Electronics and Communications, 2018, 89, 15-23.	2.9	21
15	Fabrication of three-dimensional printed rectangular waveguide T-junction with in-phase and equal power division. Microwave and Optical Technology Letters, 2018, 60, 2043-2048.	1.4	6
16	3D baskÄ± ve bakÄ±r kaplama ile Å¼retilen dalga kÄ±lavuzu dÄ±nÄ±Å¼ elemanlarÄ±nÄ±n performanslarÄ±nÄ±n incelenmesi. Journal of the Faculty of Engineering and Architecture of Gazi University, 2018, 2018, .	0.8	2
17	Electrical shielding effectiveness of metallic enclosures; effect of source orientation and aperture dimension. , 2017, , .		2
18	The comparison of the characteristics of the double-ridged horn antennas depending the geometry of ridge profiles for wideband application. , 2017, , .		7

#	ARTICLE	IF	CITATIONS
19	Impedance matching of dielectric loaded T-junction in X-Ku band. , 2016, , .		2
20	Effects of DC bias conditions to performance of 2.4GHz power amplifier. , 2014, , .		0
21	Comparison of design parameters of corporate feed 10GHz rectangular microstrip array antennas. , 2014, , .		3