

# Ozlem Aydin Civi

## List of Publications by Year in descending order

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41  
papers

616  
citations

1163117

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1058476

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times ranked

656  
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#	ARTICLE	IF	CITATIONS
1	Use of Characteristic Modes in the CBFM for the Analysis of Large Arrays. , 2020, , .		2
2	A High Power, GaN, Quarter-Wave Length Switch for X-Band Applications. , 2018, , .		4
3	An X-Band Robust GaN Low-Noise Amplifier MMIC with Sub 2 dB Noise Figure. , 2018, , .		3
4	Design and Implementation of an Encapsulated GaN X-Band Power Amplifier Family. , 2018, , .		2
5	A dual-band wide-angle scanning phased array antenna in K/Ka bands for satellite-on-the-move applications. , 2017, , .		12
6	Waveguide-based monopulse wideband travelling-wave array. , 2017, , .		0
7	Design and analysis of a cylindrical array of stripline fed slot antennas for on-board telemetry applications. , 2016, , .		0
8	High efficiency loop sleeve monopole antenna for array based UWB microwave imaging systems. , 2016, , .		10
9	An Efficient Numerical Solution Method for Reflectarrays of Varying Element Sizes. IEEE Transactions on Antennas and Propagation, 2015, 63, 5668-5676.	5.1	18
10	Tunable frequency antenna integrated with microfluidic channel. , 2015, , .		2
11	A novel UWB slot antenna with a self-complementary matching network. , 2015, , .		3
12	Fast construction of the MoM matrix for reflectarrays through a smart tabulation. , 2015, , .		0
13	Reconfigurable Nested Ring-Split Ring Transmitarray Unit Cell Employing the Element Rotation Method by Microfluidics. IEEE Transactions on Antennas and Propagation, 2015, 63, 1163-1167.	5.1	43
14	A fabrication process based on structural layer formation using Au–Au thermocompression bonding for RF MEMS capacitive switches and their performance. International Journal of Microwave and Wireless Technologies, 2014, 6, 473-480.	1.9	5
15	Cylindrical substrate integrated waveguide (CSIW) slot arrays with uniform and nonuniform spacings. , 2014, , .		0
16	Circumferential Traveling Wave Slot Array on Cylindrical Substrate Integrated Waveguide (CSIW). IEEE Transactions on Antennas and Propagation, 2014, 62, 3557-3566.	5.1	31
17	A reconfigurable nested ring-split ring transmitarray unit cell by microfluidic technology. , 2014, , .		4
18	Microfluidic reconfigurable nested split ring-regular ring transmitarray unit cell. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	Slot array on curved substrate integrated waveguide. , 2013, , .		4
20	Slots on cylindrical substrate integrated waveguide. , 2012, , .		3
21	Beam Switching Reflectarray Monolithically Integrated With RF MEMS Switches. IEEE Transactions on Antennas and Propagation, 2012, 60, 854-862.	5.1	132
22	Reconfigurable antennas using RF-MEMS research in Turkey. , 2011, , .		0
23	Beam-steerable meanderline antenna using varactor diodes. Microwave and Optical Technology Letters, 2011, 53, 200-204.	1.4	3
24	DFT-UTD based MoM approach for an efficient analysis of scattering from large, finite arrays in the vicinity of scattering objects. , 2010, , .		0
25	Dual frequency reflectarray cell using split-ring elements with RF MEMS switches. , 2010, , .		4
26	A novel edge wall waveguide slot antenna. , 2010, , .		4
27	Edge wall slotted waveguide antenna with low cross polarization. , 2010, , .		8
28	35 GHz phased array antenna using DMTL phase shifters. , 2010, , .		6
29	Electromagnetic scattering from obstacles in the near field region of electrically large arrays. , 2009, , .		1
30	Tunable dual-frequency RF MEMS rectangular slot ring antenna. Sensors and Actuators A: Physical, 2009, 156, 373-380.	4.1	23
31	Effect of a carbon black surface treatment on the microwave properties of poly(ethylene Terephthalate). Journal of Applied Polymer Science, 2010, 116, 1075-1081.	2.6	11
32	A Monolithic Phased Array Using 3-bit Distributed RF MEMS Phase Shifters. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 270-277.	4.6	67
33	Efficient Analysis of Phased Arrays of Microstrip Patches Using a Hybrid Generalized Forward Backward Method/Green's Function Technique With a DFT Based Acceleration Algorithm. IEEE Transactions on Antennas and Propagation, 2008, 56, 1669-1678.	5.1	5
34	Dual-frequency reconfigurable slot dipole array with a CPW-based feed network using RF MEMS technology for X- and ka-band applications. , 2007, , .		5
35	Frequency Tunable Microstrip Patch Antenna Using RF MEMS Technology. IEEE Transactions on Antennas and Propagation, 2007, 55, 1193-1196.	5.1	177
36	A compact corporate probe fed antenna array. , 2006, , .		8

#	ARTICLE	IF	CITATIONS
37	Reconfigurable reflectarray using RF MEMS technology. , 2006, , .		5
38	Reconfigurable slot antenna with fixed-fixed beam type RF MEMS capacitors. , 2006, , .		1
39	Closed-Form Green's Functions for Finite Grounded Dielectric Substrate. Electromagnetics, 2005, 25, 153-168.	0.7	2
40	Extension of forward-backward method with DFT-based acceleration algorithm for the efficient analysis of large periodic arrays with arbitrary boundaries. Microwave and Optical Technology Letters, 2005, 47, 293-298.	1.4	2
41	Extension of forward-backward method with a DFT-based acceleration algorithm for efficient analysis of radiation/scattering from large finite-printed dipole arrays. Microwave and Optical Technology Letters, 2003, 37, 20-26.	1.4	6