

Jos? Luis Masa-Campos

List of Publications by Year in descending order

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382
citing authors

#	ARTICLE	IF	CITATIONS
1	Manufacturing Guidelines for W-Band Full-Metal Waveguide Devices: Selecting the most appropriate technology. IEEE Antennas and Propagation Magazine, 2023, 65, 48-62.	1.4	4
2	Direct Metal Laser Sintering Conformal Waveguide Array Antenna for Millimeter-Wave 5G Communications. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1012-1016.	4.0	6
3	Dual Circularly Polarized Array Antenna Based on Corporate Feeding Network in Square Waveguide Technology. IEEE Transactions on Antennas and Propagation, 2021, 69, 1763-1768.	5.1	8
4	Dual-Polarization and Dual-Band Conical-Beam Array Antenna Based on Dual-Mode Cross-Slotted Cylindrical Waveguide. IEEE Access, 2021, 9, 94109-94121.	4.2	10
5	Waveguide Manufacturing Technologies for Next-Generation Millimeter-Wave Antennas. Micromachines, 2021, 12, 1565.	2.9	4
6	Bow-Tie-Shaped Radiating Element for Single and Dual Circular Polarization. IEEE Transactions on Antennas and Propagation, 2020, 68, 754-764.	5.1	8
7	Mechanically Reconfigurable Linear Phased Array Antenna Based on Single-Block Waveguide Reflective Phase Shifters With Tuning Screws. IEEE Access, 2020, 8, 113487-113497.	4.2	10
8	Dual Circularly Polarized Waveguide Array Antenna Formed by Full-Metallic Bow-tie Radiating Cavities. , 2020, , .		1
9	<scp>Lowâ€cost</scp> lens antenna for <scp>5G</scp> multiâ€beam communication. Microwave and Optical Technology Letters, 2020, 62, 3611-3622.	1.4	8
10	High-Gain Conical-Beam Traveling-Wave Array Antenna Based on a Slotted Circular Waveguide at \$Ku\$ -Band. IEEE Transactions on Antennas and Propagation, 2020, 68, 6435-6440.	5.1	9
11	Circular Conformal Array Antenna With Omnidirectional and Beamsteering Capabilities for 5G Communications in the 3.5-GHz Range [Wireless Corner]. IEEE Antennas and Propagation Magazine, 2019, 61, 97-108.	1.4	20
12	Reconfigurable Hâ€plane waveguide phase shifters prototyping with additive manufacturing at Kâ€band. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21980.	1.2	4
13	Planar Array Topologies for 5G Communications in Ku Band [Wireless Corner]. IEEE Antennas and Propagation Magazine, 2019, 61, 112-133.	1.4	10
14	UWB four elements antenna array. Microwave and Optical Technology Letters, 2019, 61, 1284-1294.	1.4	1
15	Mechanical Technique to Customize a Waveguide-Slot Radiating Performance. IEEE Transactions on Antennas and Propagation, 2018, 66, 426-431.	5.1	11
16	UWB ANTENNAS WITH MULTIPLE NOTCHED-BAND FUNCTION. Progress in Electromagnetics Research Letters, 2018, 77, 41-49.	0.7	3
17	Implementation of Millimeter Wave Antenna Arrays by Diffusion Bonding. , 2018, , .		1
18	Diffusion Bonding Manufacturing of High Gain W-Band Antennas for 5G Applications. IEEE Communications Magazine, 2018, 56, 21-27.	6.1	17

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19	Evaluation of Additive Manufacturing Techniques Applied to Ku-Band Multilayer Corporate Waveguide Antennas. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2114-2118.	4.0	18
20	W-band Array Antenna for Radar Detection of Space Debris. , 2018, , .		1
21	Electronically Reconfigurable Microstrip Array Antenna with Reflective Phase Shifters at Ku Band. , 2018, , .		1
22	Mechanically Reconfigurable Linear Array Antenna Fed by a Tunable Corporate Waveguide Network With Tuning Screws. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1430-1434.	4.0	10
23	Mechanically reconfigurable waveguide-slot single element using tuning screws. , 2017, , .		0
24	A novel dual polarized waveguide fed circular patch antenna for <sc>K</sc>u band applications. Microwave and Optical Technology Letters, 2017, 59, 1743-1750.	1.4	3
25	Implementation of 4 λ — 4 stacked patch array with corporate feeding network for Ku-band applications. , 2017, , .		1
26	<i>H</i>-plane corporate waveguide-fed 4-aperture-stacked circular microstrip patch linear array for Ku band applications. Microwave and Optical Technology Letters, 2017, 59, 2216-2223.	1.4	4
27	Mechanically Reconfigurable Conformal Array Antenna Fed by Radial Waveguide Divider With Tuning Screws. IEEE Transactions on Antennas and Propagation, 2017, 65, 4886-4890.	5.1	16
28	Slotted waveguide antenna design by segmented simulation and multi-objective genetic algorithm. , 2017, , .		1
29	Compact Omnidirectional Conformal Array Antenna in Waveguide Technology. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1102-1105.	4.0	4
30	Circularly conformal patch array antenna with omnidirectional or electronically switched directive beam. IET Microwaves, Antennas and Propagation, 2017, 11, 2253-2259.	1.4	18
31	Design of a reconfigurable rectangular waveguide phase shifter with metallic posts. , 2017, , .		3
32	Design of a reconfigurable rectangular waveguide phase shifter with metallic posts. , 2017, , .		1
33	OMNIDIRECTIONAL CONFORMAL PATCH ANTENNA AT S-BAND WITH 3D PRINTED TECHNOLOGY. Progress in Electromagnetics Research C, 2016, 64, 43-50.	0.9	3
34	Linearly polarized small patch array fed by corporate SIW network. Microwave and Optical Technology Letters, 2016, 58, 587-593.	1.4	5
35	Conformal array antenna fed by radial-waveguide divider for omnidirectional coverage at Ku band. , 2016, , .		4
36	4 x 4 stacked patch array with siw and microstrip corporate feeding network for ku-band. , 2016, , .		4

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37	Computer Automated Design of an Irregular Slotted Waveguide Array for Ku-Band. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1593-1597.	4.0	4
38	Dual Polarized Monopole Patch Antennas for UWB Applications with Elimination of WLAN Signals. Advanced Electromagnetics, 2016, 5, 46.	1.0	11
39	Development of Radial Waveguide Dividers with Large Number of Ports. , 2015, , .		3
40	Waveguide fed circular microstrip patch antenna for Ku band applications. Microwave and Optical Technology Letters, 2015, 57, 585-589.	1.4	10
41	Design and characterisation model for a linearly polarised patch array fed by serial rectangular waveguide network. IET Microwaves, Antennas and Propagation, 2014, 8, 1204-1210.	1.4	5
42	Novel Four Cross Slot Radiator With Tuning Vias for Circularly Polarized SIW Linear Array. IEEE Transactions on Antennas and Propagation, 2014, 62, 2271-2275.	5.1	32
43	Dual polarized microstrip patch antennas for ultra-wideband applications. Microwave and Optical Technology Letters, 2014, 56, 2174-2179.	1.4	11
44	Narrowband Short Range Directive Channel Propagation Loss in Indoor Environment at Three Frequency Bands. Wireless Personal Communications, 2014, 78, 507-520.	2.7	2
45	SIW patch array with internal coupling patches. , 2013, , .		0
46	Linear Patch Array Over Substrate Integrated Waveguide for Ku-Band. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 257-260.	4.0	14
47	MATERIALS INSERTION LOSS AT 2.4, 3.3 AND 5.5 GHZ BANDS. Progress in Electromagnetics Research M, 2013, 30, 1-10.	0.9	3
48	SIW 2D PLANAR ARRAY WITH FOUR CROSS SLOTS RADIATOR AND TUNING VIAS. Progress in Electromagnetics Research C, 2013, 40, 83-92.	0.9	1
49	MATERIALS' INSERTION LOSS AT THREE FREQUENCY BANDS. Progress in Electromagnetics Research Letters, 2013, 39, 199-205.	0.7	0
50	Propagation Path Loss and Materials Insertion Loss in Indoor Environment at WiMAX Band of 3.3 to 3.6GHz. Wireless Personal Communications, 2012, 66, 251-260.	2.7	9
51	Slot radiator with tuning vias for circularly polarized SIW linear array. , 2012, , .		2
52	SHORT RANGE PROPAGATION MODEL FOR A VERY WIDEBAND DIRECTIVE CHANNEL AT 5.5 GHZ BAND. Progress in Electromagnetics Research, 2012, 130, 319-346.	4.4	10
53	Monopulse Circularly Polarized Siw Slot Array Antenna in Millimetre Band. Journal of Electromagnetic Waves and Applications, 2011, 25, 857-868.	1.6	16
54	Linearly Polarized Radial Line Patch Antenna With Internal Rectangular Coupling Patches. IEEE Transactions on Antennas and Propagation, 2011, 59, 3049-3052.	5.1	16

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55	Impact of Ultra Wide Band emission on WiMAX systems at 2.5 and 3.5GHz. Computer Networks, 2010, 54, 1573-1583.	5.1	5
56	RF Propagation in Indoor Environment at WiMAX Band of 3.5 GHz. Journal of Electromagnetic Waves and Applications, 2010, 24, 2495-2508.	1.6	7
57	Broadband Cavity-Backed Bow-Tie Dipole Antenna with 90° Horizontal Coverage for American and European Cellular Systems. Journal of Electromagnetic Waves and Applications, 2010, 24, 1089-1101.	1.6	4
58	Stacked circular patch antenna with dual right/left hand circular polarization for wideband applications in X band. Microwave and Optical Technology Letters, 2009, 51, 1419-1424.	1.4	5
59	Triangular planar array of a pyramidal adaptive antenna for satellite communications at 1.7 GHz. Microwave and Optical Technology Letters, 2009, 51, 2633-2639.	1.4	1
60	Parallel Plate Patch Antenna With Internal Rectangular Coupling Patches and TE _{m NO} Mode Excitation. IEEE Transactions on Antennas and Propagation, 2009, 57, 2185-2189.	5.1	18
61	DUAL LINEAR/CIRCULAR POLARIZED PLANNAR ANTENNA WITH LOW PROFILE DOUBLE-LAYER POLARIZER OF 45° TILTED METALLIC STRIPS FOR WIMAX APPLICATIONS. Progress in Electromagnetics Research, 2009, 98, 221-231.	4.4	36
62	Monopulse beam-scanning planar array antenna in L band. Microwave and Optical Technology Letters, 2008, 50, 1812-1819.	1.4	3
63	Geoda: Conformal adaptive antenna of multiple planar arrays for satellite communications. , 2008, , .		1
64	Measurements of monopulse scanning beam planar array in L band. , 2007, , .		0
65	Portable patch array for a geostationary satellite communications system in X band. , 2007, , .		0
66	GEODA: adaptive antenna array for satellite signal reception. , 2007, , .		7
67	Implementation and measurements of monopulse scanning beam planar array in L band for a IFF system. , 2007, , .		1
68	European collaboration in conformal antenna research. , 2007, , .		1
69	Structuring research on conformal antennas a European collaboration. , 2007, , .		1
70	Omnidirectional circularly polarized slot antenna fed by a cylindrical waveguide in millimeter band. Microwave and Optical Technology Letters, 2007, 49, 638-642.	1.4	18
71	Circularly polarized omnidirectional millimeter wave monopole with parasitic strip elements. Microwave and Optical Technology Letters, 2007, 49, 664-668.	1.4	31
72	Pyramidal adaptive antenna of planar arrays for satellite communications. , 2007, , .		2

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73	Planar Monopulse Antennas with Radial Line Feeding. , 2006, , .		3
74	Monopulse scanning beam planar array for signal identification system. , 2006, , .		0
75	Planar Monopulse Antenna with Radial Line Feeding at 37 GHz. , 2006, , .		0
76	Radial-line planar antenna with microstrip-feed coupling lines. Microwave and Optical Technology Letters, 2005, 46, 305-311.	1.4	4
77	Radial Line Patch Antenna for DBS reception with microstrip coupling lines and feed phase compensation. , 2005, , .		2
78	Estimation of the patch-array-coupling model through radiated-field measurements. Microwave and Optical Technology Letters, 2004, 43, 59-64.	1.4	2
79	Radial line planar antenna with feed phase control by microstrip lines. , 0, , .		0
80	Integration, measurements and calibration of a UMTS smart antenna. , 0, , .		3
81	Parallel plate patch antenna with horizontal coupling lines. , 0, , .		1
82	Monopulse Waveguide Patch Array Antenna in 37 GHz Band. , 0, , .		5