

Jos? Luis Masa-Campos

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Circularly polarized omnidirectional millimeter wave monopole with parasitic strip elements. Microwave and Optical Technology Letters, 2007, 49, 664-668. | 1.4 | 31 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Circularly conformal patch array antenna with omnidirectional or electronically switched directive beam. IET Microwaves, Antennas and Propagation, 2017, 11, 2253-2259. | 1.4 | 18 |
| 8 | 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 |
| 9 | Diffusion Bonding Manufacturing of High Gain W-Band Antennas for 5G Applications. IEEE Communications Magazine, 2018, 56, 21-27. | 6.1 | 17 |
| 10 | Monopulse Circularly Polarized Siw Slot Array Antenna in Millimetre Band. Journal of Electromagnetic Waves and Applications, 2011, 25, 857-868. | 1.6 | 16 |
| 11 | Linearly Polarized Radial Line Patch Antenna With Internal Rectangular Coupling Patches. IEEE Transactions on Antennas and Propagation, 2011, 59, 3049-3052. | 5.1 | 16 |
| 12 | 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 |
| 13 | Linear Patch Array Over Substrate Integrated Waveguide for Ku-Band. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 257-260. | 4.0 | 14 |
| 14 | Dual polarized microstrip patch antennas for ultra-wideband applications. Microwave and Optical Technology Letters, 2014, 56, 2174-2179. | 1.4 | 11 |
| 15 | Mechanical Technique to Customize a Waveguide-Slot Radiating Performance. IEEE Transactions on Antennas and Propagation, 2018, 66, 426-431. | 5.1 | 11 |
| 16 | Dual Polarized Monopole Patch Antennas for UWB Applications with Elimination of WLAN Signals. Advanced Electromagnetics, 2016, 5, 46. | 1.0 | 11 |
| 17 | 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 |
| 18 | Waveguide fed circular microstrip patch antenna for Ku band applications. Microwave and Optical Technology Letters, 2015, 57, 585-589. | 1.4 | 10 |

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|----|--|-----|-----------|
| 19 | Planar Array Topologies for 5G Communications in Ku Band [Wireless Corner]. IEEE Antennas and Propagation Magazine, 2019, 61, 112-133. | 1.4 | 10 |
| 20 | 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 |
| 21 | 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 |
| 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 | 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 |
| 24 | 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 |
| 25 | Bow-Tie-Shaped Radiating Element for Single and Dual Circular Polarization. IEEE Transactions on Antennas and Propagation, 2020, 68, 754-764. | 5.1 | 8 |
| 26 | Low-cost lens antenna for 5G multi-beam communication. Microwave and Optical Technology Letters, 2020, 62, 3611-3622. | 1.4 | 8 |
| 27 | 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 |
| 28 | GEODA: adaptive antenna array for satellite signal reception. , 2007, , . | | 7 |
| 29 | 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 |
| 30 | 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 |
| 31 | Monopulse Waveguide Patch Array Antenna in 37 GHz Band. , 0, , . | | 5 |
| 32 | 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 |
| 33 | Impact of Ultra Wide Band emission on WiMAX systems at 2.5 and 3.5GHz. Computer Networks, 2010, 54, 1573-1583. | 5.1 | 5 |
| 34 | 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 |
| 35 | Linearly polarized small patch array fed by corporate SIW network. Microwave and Optical Technology Letters, 2016, 58, 587-593. | 1.4 | 5 |
| 36 | Radial-line planar antenna with microstrip-feed coupling lines. Microwave and Optical Technology Letters, 2005, 46, 305-311. | 1.4 | 4 |

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|----|--|-----|-----------|
| 37 | Broadband Cavity-Backed Bow-Tie Dipole Antenna with 90° Horizontal Coverage for American and European Cellular Systems. <i>Journal of Electromagnetic Waves and Applications</i> , 2010, 24, 1089-1101. | 1.6 | 4 |
| 38 | Conformal array antenna fed by radial-waveguide divider for omnidirectional coverage at Ku band. , 2016, , . | | 4 |
| 39 | 4 x 4 stacked patch array with siw and microstrip corporate feeding network for ku-band. , 2016, , . | | 4 |
| 40 | Computer Automated Design of an Irregular Slotted Waveguide Array for Ku-Band. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016, 15, 1593-1597. | 4.0 | 4 |
| 41 | <i>H</i> -plane corporate waveguide-fed 4-aperture-stacked circular microstrip patch linear array for Ku band applications. <i>Microwave and Optical Technology Letters</i> , 2017, 59, 2216-2223. | 1.4 | 4 |
| 42 | Compact Omnidirectional Conformal Array Antenna in Waveguide Technology. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017, 16, 1102-1105. | 4.0 | 4 |
| 43 | Reconfigurable <i>H</i> -plane waveguide phase shifters prototyping with additive manufacturing at <i>K</i> -band. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019, 29, e21980. | 1.2 | 4 |
| 44 | Manufacturing Guidelines for W-Band Full-Metal Waveguide Devices: Selecting the most appropriate technology. <i>IEEE Antennas and Propagation Magazine</i> , 2023, 65, 48-62. | 1.4 | 4 |
| 45 | Waveguide Manufacturing Technologies for Next-Generation Millimeter-Wave Antennas. <i>Micromachines</i> , 2021, 12, 1565. | 2.9 | 4 |
| 46 | Integration, measurements and calibration of a UMTS smart antenna. , 0, , . | | 3 |
| 47 | Planar Monopulse Antennas with Radial Line Feeding. , 2006, , . | | 3 |
| 48 | Monopulse beam-scanning planar array antenna in L band. <i>Microwave and Optical Technology Letters</i> , 2008, 50, 1812-1819. | 1.4 | 3 |
| 49 | MATERIALS INSERTION LOSS AT 2.4, 3.3 AND 5.5 GHZ BANDS. <i>Progress in Electromagnetics Research M</i> , 2013, 30, 1-10. | 0.9 | 3 |
| 50 | Development of Radial Waveguide Dividers with Large Number of Ports. , 2015, , . | | 3 |
| 51 | OMNIDIRECTIONAL CONFORMAL PATCH ANTENNA AT S-BAND WITH 3D PRINTED TECHNOLOGY. <i>Progress in Electromagnetics Research C</i> , 2016, 64, 43-50. | 0.9 | 3 |
| 52 | A novel dual polarized waveguide fed circular patch antenna for <i>K</i> u band applications. <i>Microwave and Optical Technology Letters</i> , 2017, 59, 1743-1750. | 1.4 | 3 |
| 53 | Design of a reconfigurable rectangular waveguide phase shifter with metallic posts. , 2017, , . | | 3 |
| 54 | UWB ANTENNAS WITH MULTIPLE NOTCHED-BAND FUNCTION. <i>Progress in Electromagnetics Research Letters</i> , 2018, 77, 41-49. | 0.7 | 3 |

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|----|---|-----|-----------|
| 55 | Estimation of the patch-array-coupling model through radiated-field measurements. Microwave and Optical Technology Letters, 2004, 43, 59-64. | 1.4 | 2 |
| 56 | Radial Line Patch Antenna for DBS reception with microstrip coupling lines and feed phase compensation. , 2005, , . | | 2 |
| 57 | Slot radiator with tuning vias for circularly polarized SIW linear array. , 2012, , . | | 2 |
| 58 | Narrowband Short Range Directive Channel Propagation Loss in Indoor Environment at Three Frequency Bands. Wireless Personal Communications, 2014, 78, 507-520. | 2.7 | 2 |
| 59 | Pyramidal adaptive antenna of planar arrays for satellite communications. , 2007, , . | | 2 |
| 60 | Parallel plate patch antenna with horizontal coupling lines. , 0, , . | | 1 |
| 61 | Implementation and measurements of monopulse scanning beam planar array in L band for a IFF system. , 2007, , . | | 1 |
| 62 | European collaboration in conformal antenna research. , 2007, , . | | 1 |
| 63 | Structuring research on conformal antennas a European collaboration. , 2007, , . | | 1 |
| 64 | Geoda: Conformal adaptive antenna of multiple planar arrays for satellite communications. , 2008, , . | | 1 |
| 65 | 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 |
| 66 | SIW 2D PLANAR ARRAY WITH FOUR CROSS SLOTS RADIATOR AND TUNING VIAS. Progress in Electromagnetics Research C, 2013, 40, 83-92. | 0.9 | 1 |
| 67 | Implementation of 4 λ — 4 stacked patch array with corporate feeding network for Ku-band applications. , 2017, , . | | 1 |
| 68 | Slotted waveguide antenna design by segmented simulation and multi-objective genetic algorithm. , 2017, , . | | 1 |
| 69 | Design of a reconfigurable rectangular waveguide phase shifter with metallic posts. , 2017, , . | | 1 |
| 70 | Implementation of Millimeter Wave Antenna Arrays by Diffusion Bonding. , 2018, , . | | 1 |
| 71 | UWB four elements antenna array. Microwave and Optical Technology Letters, 2019, 61, 1284-1294. | 1.4 | 1 |
| 72 | Dual Circularly Polarized Waveguide Array Antenna Formed by Full-Metallic Bow-tie Radiating Cavities. , 2020, , . | | 1 |

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|----|---|-----|-----------|
| 73 | W-band Array Antenna for Radar Detection of Space Debris. , 2018, , . | | 1 |
| 74 | Electronically Reconfigurable Microstrip Array Antenna with Reflective Phase Shifters at Ku Band. , 2018, , . | | 1 |
| 75 | Radial line planar antenna with feed phase control by microstrip lines. , 0, , . | | 0 |
| 76 | Monopulse scanning beam planar array for signal identification system. , 2006, , . | | 0 |
| 77 | Plannar Monopulse Antenna with Radial Line Feeding at 37 GHz. , 2006, , . | | 0 |
| 78 | Measurements of monopulse scanning beam planar array in L band. , 2007, , . | | 0 |
| 79 | Portable patch array for a geostationary satellite communications system in X band. , 2007, , . | | 0 |
| 80 | SIW patch array with internal coupling patches. , 2013, , . | | 0 |
| 81 | MATERIALS' INSERTION LOSS AT THREE FREQUENCY BANDS. Progress in Electromagnetics Research Letters, 2013, 39, 199-205. | 0.7 | 0 |
| 82 | Mechanically reconfigurable waveguide-slot single element using tuning screws. , 2017, , . | | 0 |