

# Hang Wong

## List of Publications by Year in descending order

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171  
papers

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2974  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Design and Analysis of a Low-Profile and Broadband Microstrip Monopolar Patch Antenna. IEEE Transactions on Antennas and Propagation, 2013, 61, 11-18.                        | 5.1  | 290       |
| 2  | Design of Dual-Polarized L-Probe Patch Antenna Arrays With High Isolation. IEEE Transactions on Antennas and Propagation, 2004, 52, 45-52.                                    | 5.1  | 245       |
| 3  | Polarization Reconfigurable Wheel-Shaped Antenna With Conical-Beam Radiation Pattern. IEEE Transactions on Antennas and Propagation, 2015, 63, 491-499.                       | 5.1  | 195       |
| 4  | A Wideband Circularly Polarized Cross-Dipole Antenna. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 67-70.  | 4.0  | 180       |
| 5  | Substrate Integrated Magneto-Electric Dipole Antenna for 5G Wi-Fi. IEEE Transactions on Antennas and Propagation, 2015, 63, 870-874.  | 5.1  | 156       |
| 6  | A Dual-Polarized Magneto-Electric Dipole With Dielectric Loading. IEEE Transactions on Antennas and Propagation, 2009, 57, 616-623.   | 5.1  | 150       |
| 7  | Wideband Pattern-Reconfigurable Antenna With Switchable Broadside and Conical Beams. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2638-2641.                     | 4.0  | 144       |
| 8  | 60 GHz Plated Through Hole Printed Magneto-Electric Dipole Antenna. IEEE Transactions on Antennas and Propagation, 2012, 60, 3129-3136.                                       | 5.1  | 142       |
| 9  | Bandwidth Enhancement of a Monopolar Patch Antenna With V-Shaped Slot for Car-to-Car and WLAN Communications. IEEE Transactions on Vehicular Technology, 2016, 65, 1130-1136. | 6.3  | 129       |
| 10 | Wideband Shorted Bowtie Patch Antenna With Electric Dipole. IEEE Transactions on Antennas and Propagation, 2008, 56, 2098-2101.   | 5.1  | 123       |
| 11 | Small Circularly Polarized U-Slot Wideband Patch Antenna. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 87-90.  | 4.0  | 123       |
| 12 | Wideband Circular Polarization Reconfigurable Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 5938-5944.  | 5.1  | 123       |
| 13 | Design of Broadband Dual-Band Dipole for Base Station Antenna. IEEE Transactions on Antennas and Propagation, 2012, 60, 1592-1595.  | 5.1  | 116       |
| 14 | Multi-Polarization Reconfigurable Antenna for Wireless Biomedical System. IEEE Transactions on Biomedical Circuits and Systems, 2017, 11, 652-660.                            | 4.0  | 112       |
| 15 | Small Antennas in Wireless Communications. Proceedings of the IEEE, 2012, 100, 2109-2121.   | 21.3 | 109       |
| 16 | A Wideband Millimeter-Wave Circularly Polarized Antenna With 3-D Printed Polarizer. IEEE Transactions on Antennas and Propagation, 2017, 65, 1038-1046.                       | 5.1  | 105       |
| 17 | A Circularly Polarized Antenna by Using Rotated-Stair Dielectric Resonator. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 787-790.                                | 4.0  | 103       |
| 18 | Wideband Circular-Polarization Reconfigurable Antenna With L-Shaped Feeding Probes. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2114-2117.                      | 4.0  | 102       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Virtually Shorted Patch Antenna for Circular Polarization. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 1213-1216.   | 4.0 | 93        |
| 20 | Printed Meandering Probe-Fed Circularly Polarized Patch Antenna With Wide Bandwidth. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 654-657.  | 4.0 | 90        |
| 21 | Dual-Band Dual-Mode Button Antenna for On-Body and Off-Body Communications. IEEE Transactions on Biomedical Circuits and Systems, 2017, 11, 933-941.   | 4.0 | 85        |
| 22 | Broadband Patch Antenna With a Folded Plate Pair as a Differential Feeding Scheme. IEEE Transactions on Antennas and Propagation, 2007, 55, 2461-2467.   | 5.1 | 82        |
| 23 | Broadband CPW-Fed Aperture Coupled Metasurface Antenna. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 517-520.   | 4.0 | 80        |
| 24 | Wideband Glass and Liquid Cylindrical Dielectric Resonator Antenna for Pattern Reconfigurable Design. IEEE Transactions on Antennas and Propagation, 2017, 65, 2157-2164.                      | 5.1 | 79        |
| 25 | A Shorted Bowtie Patch Antenna With a Cross Dipole for Dual Polarization. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 126-129.  | 4.0 | 77        |
| 26 | Circularly Polarized Antenna With Reconfigurable Broadside and Conical Beams Facilitated by a Mode Switchable Feed Network. IEEE Transactions on Antennas and Propagation, 2018, 66, 996-1001. | 5.1 | 76        |
| 27 | A Flexible Dual-Band Antenna With Large Frequency Ratio and Different Radiation Properties Over the Two Bands. IEEE Transactions on Antennas and Propagation, 2018, 66, 657-667.               | 5.1 | 76        |
| 28 | Dual-Mode Dual-Band Bandpass Filter Based on a Stub-Loaded Patch Resonator. IEEE Microwave and Wireless Components Letters, 2011, 21, 525-527.   | 3.2 | 73        |
| 29 | Circularly Polarized Conical-Beam Antenna With Wide Bandwidth and Low Profile. IEEE Transactions on Antennas and Propagation, 2014, 62, 5974-5982.   | 5.1 | 71        |
| 30 | High-Gain and Wide-Band Single-Layer Patch Antenna for Wireless Communications. IEEE Transactions on Vehicular Technology, 2005, 54, 33-40.  | 6.3 | 68        |
| 31 | Polarization-Reconfigurable Magnetoelectric Dipole Antenna for 5G Wi-Fi. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1504-1507.  | 4.0 | 64        |
| 32 | Design of a Wideband Circularly Polarized Millimeter-Wave Antenna With an Extended Hemispherical Lens. IEEE Transactions on Antennas and Propagation, 2018, 66, 4303-4308.                     | 5.1 | 63        |
| 33 | Polarization Reconfigurable Aperture-Fed Patch Antenna and Array. IEEE Access, 2016, 4, 1510-1517.   | 4.2 | 60        |
| 34 | A Polarization-Reconfigurable Glass Dielectric Resonator Antenna Using Liquid Metal. IEEE Transactions on Antennas and Propagation, 2019, 67, 3427-3432.                                       | 5.1 | 60        |
| 35 | Miniaturized Circularly Polarized Patch Antenna With Low Back Radiation for GPS Satellite Communications. IEEE Transactions on Antennas and Propagation, 2015, 63, 5934-5938.                  | 5.1 | 59        |
| 36 | Liquid Dielectric Resonator Antenna With Circular Polarization Reconfigurability. IEEE Transactions on Antennas and Propagation, 2018, 66, 444-449.  | 5.1 | 59        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Polarization and Pattern Reconfigurable Cuboid Quadrifilar Helical Antenna. IEEE Transactions on Antennas and Propagation, 2018, 66, 2707-2715.  | 5.1 | 58        |
| 38 | A Reconfigurable CP/LP Antenna With Cross-Probe Feed. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 669-672.   | 4.0 | 56        |
| 39 | Multipolarization-Reconfigurable Circular Patch Antenna With L-Shaped Probes. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1549-1552.   | 4.0 | 51        |
| 40 | Study of small wideband folded-patch-feed antennas. IET Microwaves, Antennas and Propagation, 2007, 1, 501.  | 1.4 | 46        |
| 41 | A Low-Profile and Wideband Lens Antenna Based on High-Refractive-Index Metasurface. IEEE Transactions on Antennas and Propagation, 2018, 66, 5764-5772.                                      | 5.1 | 45        |
| 42 | Wideband and High-Gain Fabry-Pérot Cavity Antenna With Switched Beams for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 4339-4347.                  | 5.1 | 45        |
| 43 | Magnetoelectric Dipole Antennas With Dual Open-Ended Slot Excitation. IEEE Transactions on Antennas and Propagation, 2016, 64, 3338-3346.  | 5.1 | 40        |
| 44 | Wideband planar inverted-F antenna with meandering shorting strip. Electronics Letters, 2008, 44, 395.   | 1.0 | 39        |
| 45 | Small circularly polarised patch antenna. Electronics Letters, 2005, 41, 887.  | 1.0 | 38        |
| 46 | A Novel Wideband Differentially-Fed Higher-Order Mode Millimeter-Wave Patch Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 466-473.                                       | 5.1 | 38        |
| 47 | Small Patch Antennas Incorporated With a Substrate Integrated Irregular Ground. IEEE Transactions on Antennas and Propagation, 2012, 60, 3096-3103.  | 5.1 | 35        |
| 48 | Coding Metasurfaces with Reconfiguration Capabilities Based on Optical Activation of Phase-Change Materials for Terahertz Beam Manipulations. Advanced Optical Materials, 2022, 10, 2101699. | 7.3 | 35        |
| 49 | A Design of Bandwidth-Enhanced Cavity-Backed Slot Filtenna Using Resonance Windows. IEEE Transactions on Antennas and Propagation, 2019, 67, 1926-1930.                                      | 5.1 | 34        |
| 50 | A Planar Millimeter-Wave Antenna Array With a Pillbox-Distributed Network. IEEE Transactions on Antennas and Propagation, 2020, 68, 3664-3672.   | 5.1 | 34        |
| 51 | Substrate Integrated Meandering Probe-Fed Patch Antennas for Wideband Wireless Devices. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2015, 5, 381-388.           | 2.5 | 33        |
| 52 | Wideband Self-Complementary Quasi-Yagi Antenna for Millimeter-Wave Systems. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 322-325.   | 4.0 | 31        |
| 53 | Linearly Polarized and Circularly Polarized Wideband Dipole Antennas With Reconfigurable Beam Direction. IEEE Transactions on Antennas and Propagation, 2018, 66, 1747-1755.                 | 5.1 | 28        |
| 54 | Circularly Polarized Dielectric Rod Waveguide Antenna for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2018, 66, 5080-5087.                                  | 5.1 | 27        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Design of Small Multiband Full-Screen Smartwatch Antenna for IoT Applications. IEEE Internet of Things Journal, 2021, 8, 17724-17733.   | 8.7 | 25        |
| 56 | A Reconfigurable 1 Å– 4 Circularly Polarized Patch Array Antenna With Frequency, Radiation Pattern, and Polarization Agility. IEEE Transactions on Antennas and Propagation, 2021, 69, 5124-5129.           | 5.1 | 23        |
| 57 | A Millimeter-Wave Fabryâ€“PÃ©rot Cavity Antenna Using Fresnel Zone Plate Integrated PRS. IEEE Transactions on Antennas and Propagation, 2020, 68, 564-568.  | 5.1 | 22        |
| 58 | Broadband Circularly Polarized Patch Antenna Arrays With Multiple-Layers Structure. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 525-528.  | 4.0 | 21        |
| 59 | Small circularly polarised folded patch antenna. Electronics Letters, 2005, 41, 1363.   | 1.0 | 20        |
| 60 | A High Gain Millimeter-Wave Circularly Polarized Fabryâ€“PÃ©rot Antenna Using PRS-Integrated Polarizer. IEEE Transactions on Antennas and Propagation, 2021, 69, 1179-1183.                                 | 5.1 | 20        |
| 61 | A Circularly-Polarized Multi-Beam Magneto-Electric Dipole Transmitarray With Linearly-Polarized Feeds for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 6012-6017. | 5.1 | 20        |
| 62 | A Wideband Substrate Integrated Waveguide-Fed Open Slot Antenna. IEEE Transactions on Antennas and Propagation, 2020, 68, 1945-1952.  | 5.1 | 19        |
| 63 | A Polarization and Beam Steering Reconfigurable Cavity-Backed Magneto-Electric Dipole Antenna Array Using Reflection-Type Phase Shifter. IEEE Transactions on Antennas and Propagation, 2022, 70, 296-306.  | 5.1 | 19        |
| 64 | A 60GHz digitally controlled RF beamforming array in 65nm CMOS with off-chip antennas. , 2011, , .  |     | 18        |
| 65 | Directional wideband shorted bowtie antenna. Microwave and Optical Technology Letters, 2006, 48, 1670-1672.   | 1.4 | 17        |
| 66 | Broadband circularly-polarised patch antenna with 3D meandering strip feed. Electronics Letters, 2011, 47, 1060.  | 1.0 | 17        |
| 67 | Dielectric and metallic jointly 3Dâ€“printed mmWave hyperbolic lens antenna. IET Microwaves, Antennas and Propagation, 2019, 13, 1934-1939.   | 1.4 | 17        |
| 68 | Active meta polarizer for terahertz frequencies. Scientific Reports, 2020, 10, 15382.   | 3.3 | 17        |
| 69 | A Wideband Circularly Polarized Complementary Antenna for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 2392-2400.   | 5.1 | 17        |
| 70 | Unidirectional antenna composed of dipole and loop. Electronics Letters, 2007, 43, 1176.  | 1.0 | 16        |
| 71 | A Wideband Dual-Polarized Inductor-End Slot Antenna With Stable Beamwidth. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 608-612.   | 4.0 | 16        |
| 72 | Wideband Substrate Integrated Waveguide Fed Open Slot Antenna Array. IEEE Access, 2020, 8, 74167-74174.   | 4.2 | 16        |

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|----|---|-----|-----------|
| 73 | Millimeter-Wave High-Gain Magneto-Electric Dipole Antenna Array With Pillbox Corporate Feed Network. IEEE Transactions on Antennas and Propagation, 2021, 69, 5631-5639.          | 5.1 | 16        |
| 74 | Polarization Reconfigurable Planar Inverted-F Antenna for Implantable Telemetry Applications. IEEE Access, 2019, 7, 141900-141909.  | 4.2 | 15        |
| 75 | A Simple Low-Profile Coaxially-Fed Magneto-Electric Dipole Antenna Without Slot-Cavity. IEEE Open Journal of Antennas and Propagation, 2020, 1, 233-238.                          | 3.7 | 15        |
| 76 | A Full-Wavelength Circularly Polarized Slot Antenna. IEEE Transactions on Antennas and Propagation, 2006, 54, 741-743.  | 5.1 | 14        |
| 77 | LP and CP polarization reconfigurable antennas for modern wireless applications. , 2017, , .  |     | 14        |
| 78 | 155 GHz Dual-Polarized Fabry-Pérot Cavity Antenna Using LTCC-Based Feeding Source and Phase-Shifting Surface. IEEE Transactions on Antennas and Propagation, 2021, 69, 2347-2352. | 5.1 | 13        |
| 79 | A Vertical Patch Antenna for Dual-Band Operation. IEEE Antennas and Wireless Propagation Letters, 2006, 5, 95-97.   | 4.0 | 12        |
| 80 | A Reconfigurable Scheme of Wireless Power Transmission in Fully Enclosed Environments. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2959-2962.                       | 4.0 | 12        |
| 81 | A Polarizer Integrated Dielectric Resonator Antenna for Polarization Reconfigurability. IEEE Transactions on Antennas and Propagation, 2019, 67, 2723-2728.                       | 5.1 | 12        |
| 82 | A Compact Dual-Mode Circularly Polarized Antenna With Frequency Reconfiguration. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1098-1102.                             | 4.0 | 12        |
| 83 | A Circularly-Polarized-Reconfigurable Patch Antenna With Liquid Dielectric. IEEE Open Journal of Antennas and Propagation, 2021, 2, 396-401.                                      | 3.7 | 11        |
| 84 | Wideband shorted higher-order mode millimeter-wave patch antenna. , 2012, , .   |     | 10        |
| 85 | Metal-Frame Antenna for Big-Screen Smartphones Using Characteristic Mode Analysis. IEEE Access, 2019, 7, 122224-122231.   | 4.2 | 10        |
| 86 | Accordion shape monofilar axial mode helix for RFID reader. Electronics Letters, 2006, 42, 607.   | 1.0 | 9         |
| 87 | Dual-Band Shared-Aperture Antenna With Bifunctional Metasurface. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2013-2017.   | 4.0 | 9         |
| 88 | Effect of the screen to metal-frame smartphone antennas. , 2019, , .  |     | 8         |
| 89 | A Compact Gradient Refractive Index Metamaterial Lens for Endfire Fan-Beam Radiation. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2339-2343.                        | 4.0 | 8         |
| 90 | A miniaturized filtering power divider with wide stopband. , 2014, , .  |     | 7         |

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|-----|---|-----|-----------|
| 91  | C-Shaped Open Slot Antenna Array for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 8426-8435.                          | 5.1 | 7         |
| 92  | Design of an Air-Filled Slot Antenna and Array for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 7217-7222.            | 5.1 | 7         |
| 93  | New size reduction for patch antenna by parasitic shorting elements. , 2010, , .  |     | 6         |
| 94  | Dipole Antenna With Both Odd and Even Modes Excited and Tuned. IEEE Transactions on Antennas and Propagation, 2022, 70, 1643-1652.                              | 5.1 | 6         |
| 95  | Printed antennas for millimeter-wave applications. , 2013, , .  |     | 5         |
| 96  | Polarization reconfigurable multi-slot antenna for body-centric wireless communication system. , 2016, , .  |     | 5         |
| 97  | A Transparent Artificial Periodic Structure for Beam-Tilting Antenna. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 498-502.                        | 4.0 | 5         |
| 98  | Wideband antenna with a folded dipole and a folded shorted patch. , 2007, , .   |     | 4         |
| 99  | Dielectric resonator antenna for millimeter wave applications. , 2011, , .  |     | 4         |
| 100 | Small circularly polarized patch antenna. , 2011, , .   |     | 4         |
| 101 | Microstrip patch antenna with differential L-Probe Fed For Wideband Application. , 2012, , .  |     | 4         |
| 102 | Printed U-slot patch antenna for 60GHz applications. , 2013, , .  |     | 4         |
| 103 | Reconfigurable multi-slot antenna for bio-medical applications. , 2016, , .   |     | 4         |
| 104 | A polarization-reconfigurable liquid dielectric resonator antenna with 3D printing fabrication. , 2017, , .   |     | 4         |
| 105 | A wideband millimeter wave CP antenna by using tapered dielectric polarizer. , 2017, , .  |     | 4         |
| 106 | A low-profile wideband gradient refractive index lens antenna based on metasurface. , 2017, , .   |     | 4         |
| 107 | Reconfigurable DRAs With Liquid Materials. , 2020, , .  |     | 4         |
| 108 | A Low-Profile Dual-Band Coaperture Monopolar Antenna Based on Cross-Layer Folded Structure. IEEE Transactions on Antennas and Propagation, 2021, 69, 6936-6940. | 5.1 | 4         |

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|-----|--|-----|-----------|
| 109 | Wideband and High-Gain Substrate Integrated Folded Horn Fed Open Slot Antenna. IEEE Transactions on Antennas and Propagation, 2022, 70, 2602-2612. | 5.1 | 4         |
| 110 | Polarization reconfigurable circular patch antenna with multiple L-probes for biomedical application. , 2016, , .                                  |     | 3         |
| 111 | Wideband CP Polarization and Pattern Reconfigurable Antennas. , 2018, , .  |     | 3         |
| 112 | Polarization Reconfigurable Antenna with Liquid Metal. , 2018, , .   |     | 3         |
| 113 | A Circularly-Polarized-Reconfigurable Dense Dielectric Patch Antenna with Liquid Dielectric. , 2021, , .   |     | 3         |
| 114 | High-Gain and Wide-Band Single-Layer Twin-L Coupled Patch Antenna. , 0, , .  |     | 2         |
| 115 | Unidirectional antenna composed of a planar dipole and a shorted patch. , 2006, , .  |     | 2         |
| 116 | Broad-Band Differential-Fed Patch Antenna - A Novel Feeding Scheme to Realizing Stability of Radiation Characteristics. , 2007, , .                |     | 2         |
| 117 | Printed millimeter wave vertical patch antenna. , 2010, , .  |     | 2         |
| 118 | Multilayer wide-band patch antenna using L-probe and structure. , 2012, , .  |     | 2         |
| 119 | Circularly-polarized conical-beam patch antenna with wide bandwidth and polarization diversity. , 2014, , .  |     | 2         |
| 120 | Reconfigurable Quadrifilar Helical Antenna. , 2018, , .  |     | 2         |
| 121 | An Aperture Coupled Microstrip Patch Antenna Array for Terahertz Application. , 2018, , .  |     | 2         |
| 122 | A Low-Profile Wideband Metasurface Antenna With Fan-Beam Radiation. IEEE Open Journal of Antennas and Propagation, 2022, 3, 745-751.               | 3.7 | 2         |
| 123 | A low-cost L-probe patch antenna array. Microwave and Optical Technology Letters, 2001, 29, 280-282.   | 1.4 | 1         |
| 124 | A dual-polarized L-probe microstrip patch antenna array. Microwave and Optical Technology Letters, 2002, 32, 235-237.                              | 1.4 | 1         |
| 125 | A dual-band vertical patch antenna with size reduction. , 0, , .   |     | 1         |
| 126 | Dual-Band and CP Vertical Patch Antennas. , 0, , .   |     | 1         |



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|-----|---|-----|-----------|
| 127 | A new wideband antenna: Comprising planar-dipole and short-circuited-patch. , 2006, , .   |     | 1         |
| 128 | A wideband low-profile microstrip antenna and array. Microwave and Optical Technology Letters, 2006, 48, 729-730.                             | 1.4 | 1         |
| 129 | Magneto-electric dipole antenna for millimeter wave applications. , 2010, , .   |     | 1         |
| 130 | CPW-fed slot antenna with dual band-notched characteristic for UWB application. , 2012, , .   |     | 1         |
| 131 | Wireless powering of microchip implants by a cross-slot antenna. , 2012, , .  |     | 1         |
| 132 | Differential-fed higher-order mode patch antenna at 60GHz band. , 2014, , .   |     | 1         |
| 133 | Wideband circularly-polarized conical beam wheel-shaped antenna with reflector for axial ratio bandwidth and pattern improvement. , 2014, , . |     | 1         |
| 134 | Wideband slot-loaded dipole for base station antenna element. Microwave and Optical Technology Letters, 2014, 56, 2933-2937.                  | 1.4 | 1         |
| 135 | A balanced-to-unbalanced with bandpass responses. , 2015, , .   |     | 1         |
| 136 | Polarization reconfigurable CP antenna with 3D meandering probe-fed. , 2015, , .  |     | 1         |
| 137 | Printed J-slot patch antenna for millimeter-wave applications. , 2016, , .  |     | 1         |
| 138 | A polariztion reconfigurable aperture-fed patch antenna array. , 2016, , .  |     | 1         |
| 139 | A wideband millimeter-wave CP antenna with gain enhancement. , 2017, , .  |     | 1         |
| 140 | Low-Profde Magnetolectric Dipole Antenna with Dual Complementary Sources. , 2018, , .   |     | 1         |
| 141 | Polarization Reconfigurable Antenna with Beam Steering Performance. , 2018, , .   |     | 1         |
| 142 | A Broadband Full-Wave Dipole Antenna Array. , 2019, , .   |     | 1         |
| 143 | Polarization-Reconfigurable Antennas for Internet of Things. , 2019, , .  |     | 1         |
| 144 | Polarization-Reconfigurable Antennas with Different Liquid Solutions. , 2019, , .   |     | 1         |

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|-----|---|-----|-----------|
| 145 | A Fabry-Pérot Cavity Antenna for Millimeter-Wave Application. , 2019, , .   |     | 1         |
| 146 | A Stepped-Ring Fabry Perot Cavity Antenna for Millimeter Wave Applications. , 2019, , .   |     | 1         |
| 147 | A dual-polarized Fabry-Pérot antenna with high gain and wide bandwidth for millimeter-wave applications. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 599-608. | 2.6 | 1         |
| 148 | A 3D Printed Polarizer and Its Application for Circularly Polarized Fabry-Pérot Antenna Design. , 2020, , .   |     | 1         |
| 149 | A Wideband Millimeter-Wave Magneto-Electric Dipole Array with Pillbox-Distributed Network. , 2021, , .  |     | 1         |
| 150 | Algorithm for Fewest Arms of Multiband Linear Dipole Antenna. IEEE Transactions on Antennas and Propagation, 2022, 70, 3144-3152.   | 5.1 | 1         |
| 151 | Millimeter-Wave Slot-Based Cavity Antennas With Flexibly-Chosen Linear Polarization. IEEE Transactions on Antennas and Propagation, 2022, 70, 6604-6616.                                    | 5.1 | 1         |
| 152 | Small patch antenna with short-circuited elements. , 2004, , .  |     | 0         |
| 153 | Miniaturized circularly polarized patch antenna by substrate integrated irregular ground. , 2011, , .   |     | 0         |
| 154 | A novel wide-band patch antenna using differential-fed. , 2012, , .   |     | 0         |
| 155 | A novel waveguide fed array antenna with shorted microstrip patch elements. , 2012, , .   |     | 0         |
| 156 | Wideband circularly-polarized dielectric loaded patch antenna fed by a meandering probe. , 2013, , .  |     | 0         |
| 157 | Dual-polarized antenna element for LTE applications. , 2013, , .  |     | 0         |
| 158 | Meandering cross dipole antenna for RFID applications. , 2013, , .  |     | 0         |
| 159 | Investigation of a substrate integrated 3D-meandering probe for circularly-polarized patch antenna. , 2014, , .   |     | 0         |
| 160 | Dual complementary source antenna element with high gain and low profile characteristics. , 2015, , .   |     | 0         |
| 161 | Emerging reconfigurable antenna elements for broadband wireless communication systems. , 2015, , .  |     | 0         |
| 162 | Reconfigurable dielectric resonator antenna with 3D printed fabrication. , 2016, , .  |     | 0         |

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|-----|--|----|-----------|
| 163 | A Polarization Reconfigurable Dielectric Resonator Antenna with Agile Switch. , 2019, , .  |    | 0         |
| 164 | A MMW Reconfigurable Antenna For Sensing Applications. , 2019, , .   |    | 0         |
| 165 | Directive Beam Radiation by A Fresnel Zone Plate Integrated Partially Reflective Surface for Millimeter-wave applications. , 2020, , . |    | 0         |
| 166 | A Wideband Lateral Excited Metamaterial Unit Cell with High Refractive Index. , 2021, , .  |    | 0         |
| 167 | Development of Pillbox-Distributed-Fed Antenna Arrays for Millimeter-Wave Applications : (Invited). , 2021, , .                        |    | 0         |
| 168 | A Magneto-Electric Dipole Antenna Array With Agile Polarizations and Steerable Beams. , 2021, , .                                      |    | 0         |
| 169 | Design of Fan-Beam Antenna Using High Refractive Index Metasurface. , 2021, , .  |    | 0         |
| 170 | A Wideband C-shaped Open Slot Array for Millimeter-wave Applications. , 2022, , .  |    | 0         |
| 171 | Beam-Reconfigurable Terahertz Metasurface with Optical Activations. , 2022, , .  |    | 0         |