

# Kin-Lu Wong

## List of Publications by Year in descending order

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| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Wideband Four-Port Single-Patch Antenna Based on the Quasi-TM <sub>1/2,1/2</sub> Mode for 5G MIMO Access-Point Application. IEEE Access, 2022, 10, 9232-9240.  | 4.2 | 18        |
| 2  | Wideband Three-Port Equilateral Triangular Patch Antenna Generating Three Uncorrelated Waves for 5G MIMO Access Points. IEEE Access, 2022, 10, 893-899.  | 4.2 | 14        |
| 3  | Conjoined Yet Decoupled Wideband Multiantenna MIMO Linear Patch Array. IEEE Access, 2022, 10, 46302-46311.   | 4.2 | 2         |
| 4  | Very-Wide-Band Six-Port Single-Patch Antenna With Six Uncorrelated Waves for MIMO Access Points. IEEE Access, 2022, 10, 69555-69567.   | 4.2 | 10        |
| 5  | Integrated Four Low-Profile Shorted Patch Dual-Band WLAN MIMO Antennas for Mobile Device Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 3566-3571.   | 5.1 | 34        |
| 6  | Four-Port Wideband Annular-Ring Patch Antenna Generating Four Decoupled Waves for 5G Multi-Inputâ€“Multi-Output Access Points. IEEE Transactions on Antennas and Propagation, 2021, 69, 2946-2951.                               | 5.1 | 51        |
| 7  | Two-Port Same-Polarized Patch Antenna Based on Two Out-of-Phase TM <sub>10</sub> Modes for Access-Point MIMO Antenna Application. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 572-576.                             | 4.0 | 24        |
| 8  | Highly-Integrated Pattern Switchable MIMO Antennas for 5G Notebook Computer Applications. , 2021, , .  |     | 0         |
| 9  | Low-Profile Wideband Four-Corner-Fed Square Patch Antenna for 5G MIMO Mobile Antenna Application. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2554-2558.   | 4.0 | 26        |
| 10 | Low-Profile Wideband Conjoined Open-Slot Antennas Fed by Grounded Coplanar Waveguides for 4x4, 5x5 G MIMO Operation. IEEE Transactions on Antennas and Propagation, 2020, 68, 2646-2657.   | 5.1 | 69        |
| 11 | Very-Low-Profile Grounded Coplanar Waveguide-Fed Dual-Band WLAN Slot Antenna for On-Body Antenna Application. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 213-217.   | 4.0 | 63        |
| 12 | Highly-Integrated Dual-Band mmWave Antenna Array for 5G Mobile Phone Application. , 2020, , .  |     | 7         |
| 13 | Three Wideband Monopolar Patch Antennas in a Y-Shape Structure for 5G Multi-Inputâ€“Multi-Output Access Points. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 393-397.   | 4.0 | 53        |
| 14 | 5G/B5G Multi-Gbps Antennas for User Terminals and Their Throughput Verification. , 2020, , .   |     | 9         |
| 15 | Advanced 12Å—12 MIMO Antennas for Next Generation 5G Smartphones. , 2019, , .  |     | 10        |
| 16 | Multipolarized Wideband Circular Patch Antenna for Fifth-Generation Multi-Inputâ€“Multi-Output Access-Point Application. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2184-2188.                                    | 4.0 | 36        |
| 17 | Conjoined ultraâ€“wideband (2,300â€“6,000â€“MHz) dual antennas for LTE HB/WiFi/5G multiâ€“input multiâ€“output operation in the fifthâ€“generation tablet device. Microwave and Optical Technology Letters, 2019, 61, 1958-1963. | 1.4 | 18        |
| 18 | \$4 times 4\$ MIMO Performance of Two Conjoined Dual Wideband Antennas Including the Feedline Effects for 5G Smartphones. , 2019, , .  |     | 6         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Two Decoupled LTE Low-Band Conjoined-Loop MIMO Antennas along the Short Edge of the Metal-Framed Smartphone. , 2019, , .   |     | 1         |
| 20 | One LTE LB and two conjoined LTE M/ HB MIMO antennas with a compact symmetric frame structure at the short edge of the metalâ€framed smartphone. Microwave and Optical Technology Letters, 2019, 61, 1358-1364.         | 1.4 | 6         |
| 21 | Highâ€isolation conjoined loop multiâ€input multiâ€output antennas for the fifthâ€generation tablet device. Microwave and Optical Technology Letters, 2019, 61, 111-119.   | 1.4 | 47        |
| 22 | Selfâ€decoupled compact metalâ€frame LTE MIMO antennas for the smartphone. Microwave and Optical Technology Letters, 2018, 60, 1170-1179.  | 1.4 | 12        |
| 23 | Dualâ€feed Uâ€slot antenna having low envelope correlation coefficients for the LTE MIMO operation in the metalâ€framed smartphone. Microwave and Optical Technology Letters, 2018, 60, 295-302.                      | 1.4 | 6         |
| 24 | Conceptual design and implementation of a fourâ€element MIMO antenna system packaged within a metallic handset. Microwave and Optical Technology Letters, 2018, 60, 436-444.  | 1.4 | 17        |
| 25 | Integrated inverted-F and Open-Slot Antennas in the Metal-Framed Smartphone for $2 \times 2$ LTE LB and $4 \times 4$ LTE M/ HB MIMO Operations. IEEE Transactions on Antennas and Propagation, 2018, 66, 5004-5012.      | 5.1 | 64        |
| 26 | Integrated tripleâ€wideband tripleâ€invertedâ€F antenna covering 617â€960/1710â€2690/3300â€4200 MHz for 4G/5G communications in the smartphone. Microwave and Optical Technology Letters, 2018, 60, 2091-2096.     | 1.4 | 15        |
| 27 | Experimental results of the multiâ€Gbps smartphone with 20 multiâ€input multiâ€output (MIMO) antennas in the 20 Å— 12 MIMO operation. Microwave and Optical Technology Letters, 2018, 60, 2001-2010.                  | 1.4 | 31        |
| 28 | Two Asymmetrically Mirrored Gap-Coupled Loop Antennas as a Compact Building Block for Eight-Antenna MIMO Array in the Future Smartphone. IEEE Transactions on Antennas and Propagation, 2017, 65, 1765-1778.             | 5.1 | 252       |
| 29 | Triple-wideband inverted-F frame antenna for the LTE metal-casing smartphone. , 2017, , .  |     | 2         |
| 30 | Compact LTE frame antenna with a narrow metal clearance and a radiating feed network for the metal-casing smartphone. , 2017, , .  |     | 4         |
| 31 | Dualâ€band dual invertedâ€F/loop antennas as a compact decoupled building block for forming eight 3.5/5.8â€GHz MIMO antennas in the future smartphone. Microwave and Optical Technology Letters, 2017, 59, 2715-2721. | 1.4 | 91        |
| 32 | Integrated yet decoupled dual antennas with inherent decoupling structures for 2.4/5.2/5.8-GHz WLAN MIMO operation in the smartphone. Microwave and Optical Technology Letters, 2017, 59, 2235-2241.                     | 1.4 | 25        |
| 33 | Half-Loop Frame Antenna for the LTE Metal-Casing Tablet Device. IEEE Transactions on Antennas and Propagation, 2017, 65, 71-81.  | 5.1 | 44        |
| 34 | Reconfigurable narrowâ€frame antenna for LTE/WWAN metalâ€rimmed smartphone applications. IET Microwaves, Antennas and Propagation, 2016, 10, 1092-1100.  | 1.4 | 44        |
| 35 | Hybrid loop/monopole antenna with a passive bandstop circuit for the LTE/GPS operation in the tablet computer. Microwave and Optical Technology Letters, 2016, 58, 630-635.  | 1.4 | 6         |
| 36 | On-frame dual-loop antenna with narrow ground clearance for the 2.4/5.2/5.8-GHz WLAN operation in the smartphone. Microwave and Optical Technology Letters, 2016, 58, 1480-1485.   | 1.4 | 3         |

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|----|--|-----|-----------|
| 37 | Very-low-profile hybrid open-slot/closed-slot/inverted-F antenna for the LTE smartphone. Microwave and Optical Technology Letters, 2016, 58, 1572-1577.  | 1.4 | 8         |
| 38 | Small-size narrow open-slot antenna for the 2.4/5.2/5.8 GHz WLAN operation along the side edge of the metal-framed smartphone. Microwave and Optical Technology Letters, 2016, 58, 886-892.                    | 1.4 | 8         |
| 39 | Side-edge LTE hybrid open-slot/inverted-F antenna with a narrow ground clearance for the smartphone., 2016, , .  |     | 1         |
| 40 | Four LTE low-band MIMO antennas for the smartphone. , 2016, , .  |     | 0         |
| 41 | Compact eight-antenna array in the smartphone for the 3.5-GHz LTE 8 × 8 MIMO operation. , 2016, , .  |     | 18        |
| 42 | Compact eight MIMO antennas for 5G smartphones and their MIMO capacity verification. , 2016, , .   |     | 19        |
| 43 | 8-antenna and 16-antenna arrays using the quad-antenna linear array as a building block for the 3.5-GHz LTE MIMO operation in the smartphone. Microwave and Optical Technology Letters, 2016, 58, 174-181.     | 1.4 | 214       |
| 44 | On-frame gap-coupled half-loop antenna with a narrow ground clearance for the LTE smartphone. Microwave and Optical Technology Letters, 2016, 58, 2344-2351.   | 1.4 | 6         |
| 45 | Four LTE low-band smartphone antennas and their MIMO performance with user's hand presence. Microwave and Optical Technology Letters, 2016, 58, 2046-2052.   | 1.4 | 24        |
| 46 | Small-size dual-wideband IFA frame antenna closely integrated with metal casing of the LTE smartphone and having decreased user's hand effects. Microwave and Optical Technology Letters, 2016, 58, 2853-2858. | 1.4 | 18        |
| 47 | Side-edge LTE antenna with a narrow ground clearance for the smartphone. , 2016, , .   |     | 3         |
| 48 | Inverted-F antenna-based on-frame GPS/WLAN antenna for the metal-casing tablet computer. , 2016, , .   |     | 2         |
| 49 | GPS/WLAN open-slot antenna with a sticker-like feed substrate for the metal-casing smartphone. Microwave and Optical Technology Letters, 2016, 58, 1226-1232.  | 1.4 | 3         |
| 50 | 4G/5G Multiple Antennas for Future Multi-Mode Smartphone Applications. IEEE Access, 2016, 4, 2981-2988.  | 4.2 | 325       |
| 51 | IFA-Based Metal-Frame Antenna Without Ground Clearance for the LTE/WWAN Operation in the Metal-Casing Tablet Computer. IEEE Transactions on Antennas and Propagation, 2016, 64, 53-60.                         | 5.1 | 46        |
| 52 | 10-antenna array in the smartphone for the 3.6-GHz MIMO operation. , 2015, , .   |     | 20        |
| 53 | 16-Antenna array in the smartphone for the 3.5-GHz MIMO operation. , 2015, , .   |     | 21        |
| 54 | Hybrid dual-antenna for the 3.6 GHz LTE operation in the tablet computer. Microwave and Optical Technology Letters, 2015, 57, 2592-2598.   | 1.4 | 27        |

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|----|--|-----|-----------|
| 55 | Dual-wideband U-shaped open-slot antenna for the LTE metal-framed tablet computer. Microwave and Optical Technology Letters, 2015, 57, 2677-2683.  | 1.4 | 16        |
| 56 | Dual-inverted-F antenna with a decoupling chip inductor for the 3.6-GHz LTE operation in the tablet computer. Microwave and Optical Technology Letters, 2015, 57, 2189-2194.                               | 1.4 | 24        |
| 57 | Low-profile open-slot antenna with three branch slots for triple-wideband <scp>LTE</scp> operation in the metal-framed smartphone. Microwave and Optical Technology Letters, 2015, 57, 2231-2238.          | 1.4 | 26        |
| 58 | Low-Profile Dual-Wideband Inverted-T Open Slot Antenna for the LTE/MWAN Tablet Computer With a Metallic Frame. IEEE Transactions on Antennas and Propagation, 2015, 63, 2879-2886.                         | 5.1 | 48        |
| 59 | Triple-Wideband Open-Slot Antenna for the LTE Metal-Framed Tablet device. IEEE Transactions on Antennas and Propagation, 2015, 63, 5966-5971.  | 5.1 | 34        |
| 60 | Combined-type dual-wideband and triple-wideband LTE antennas for the tablet device. , 2015, , .  |     | 1         |
| 61 | Passive Reconfigurable Triple-Wideband Antenna for LTE Tablet Computer. IEEE Transactions on Antennas and Propagation, 2015, 63, 901-908.  | 5.1 | 52        |
| 62 | Small-size two-branch monopole antenna with integrated wideband matching network for LTE tablet computer. Microwave and Optical Technology Letters, 2015, 57, 507-513.                                     | 1.4 | 3         |
| 63 | Low-profile dual-wideband dual-inverted-F open-slot antenna for the LTE/MWAN tablet device. Microwave and Optical Technology Letters, 2015, 57, 1813-1818.   | 1.4 | 16        |
| 64 | 3.6-GHz 10-element antenna array for mimo operation in the smartphone. Microwave and Optical Technology Letters, 2015, 57, 1699-1704.  | 1.4 | 133       |
| 65 | Combined-type triple-wideband LTE tablet computer antenna. Microwave and Optical Technology Letters, 2015, 57, 1262-1267.  | 1.4 | 8         |
| 66 | Small-size dual-wideband monopole antenna with inductive and capacitive feeding branches for long term evolution tablet computer application. Microwave and Optical Technology Letters, 2015, 57, 853-860. | 1.4 | 22        |
| 67 | Dual-wideband linear open slot antenna with two open ends for the LTE/MWAN smartphone. Microwave and Optical Technology Letters, 2015, 57, 1269-1274.  | 1.4 | 34        |
| 68 | Small-Size Hybrid Loop/Open-Slot Antenna for the LTE Smartphone. IEEE Transactions on Antennas and Propagation, 2015, 63, 5837-5841.   | 5.1 | 53        |
| 69 | Compact dual-antenna with I-shaped grounded strip for enhanced bandwidth and decreased coupling for LTE tablet computer application. Microwave and Optical Technology Letters, 2015, 57, 104-111.          | 1.4 | 3         |
| 70 | Very-low-profile dual-wideband loop antenna for LTE tablet computer. Microwave and Optical Technology Letters, 2015, 57, 141-146.  | 1.4 | 20        |
| 71 | Circuit-defined dual-wideband antenna for LTE tablet device. , 2014, , .   |     | 1         |
| 72 | Small-size triple-wideband LTE tablet device antenna with circuit-based wideband feed structure. , 2014, , .   |     | 0         |

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|----|--|-----|-----------|
| 73 | Coupledâ€fed shorted strip antenna with an inductively coupled branch strip for lowâ€profile, smallâ€size LTE/WWAN tablet computer antenna. Microwave and Optical Technology Letters, 2014, 56, 1041-1046. | 1.4 | 10        |
| 74 | Very-low-profile dual-wideband tablet computer antenna for LTE operation. , 2014, , .  |     | 0         |
| 75 | Circuit-defined dual-wideband antenna for LTE tablet device. , 2014, , .   |     | 0         |
| 76 | Dual-wideband combined-type antenna for LTE tablet device. , 2014, , .   |     | 0         |
| 77 | Small-size dual-antenna with &#x03C0;-shape grounded strip for LTE tablet device. , 2014, , .  |     | 0         |
| 78 | Compact two-branch monopole tablet computer antenna with integrated wideband matching network for LTE dual-wideband operation. , 2014, , .   |     | 0         |
| 79 | Combinedâ€type dualâ€wideband antenna for 2<scp>G</scp>/3<scp>G</scp>/4<scp>G</scp> tablet device. Microwave and Optical Technology Letters, 2014, 56, 2799-2805.  | 1.4 | 8         |
| 80 | Very-low-profile dual-wideband tablet device antenna for LTE/WWAN operation. Microwave and Optical Technology Letters, 2014, 56, 1938-1942.  | 1.4 | 12        |
| 81 | Smallâ€size tripleâ€wideband LTE tablet device antenna with a wideband feed structure formed by integrated matching network. Microwave and Optical Technology Letters, 2014, 56, 2507-2512.                | 1.4 | 10        |
| 82 | Coupledâ€fed invertedâ€F antenna using an invertedâ€F coupling feed for smallâ€size LTE/WWAN tablet computer antenna. Microwave and Optical Technology Letters, 2014, 56, 1296-1302.                       | 1.4 | 12        |
| 83 | Small-Size Stacked Inverted-F Antenna With Two Hybrid Shorting Strips for the LTE/WWAN Tablet Device. IEEE Transactions on Antennas and Propagation, 2014, 62, 3962-3969.                                  | 5.1 | 46        |
| 84 | Small-Size LTE/WWAN Tablet Device Antenna With Two Hybrid Feeds. IEEE Transactions on Antennas and Propagation, 2014, 62, 2926-2934.   | 5.1 | 61        |
| 85 | Lowâ€profile multibranch monopole antenna with integrated matching circuit for Lte/Wwan/Wlan operation in the tablet computer. Microwave and Optical Technology Letters, 2014, 56, 1662-1666.              | 1.4 | 16        |
| 86 | Smallâ€Size Planar LTE/WWAN Antenna and Antenna Array Formed by the Same for Tablet Computer Application. Microwave and Optical Technology Letters, 2013, 55, 1928-1934.                                   | 1.4 | 32        |
| 87 | 4C/Multiband handheld device ground antennas. , 2013, , .  |     | 4         |
| 88 | Small-Size LTE/WWAN Printed Loop Antenna With an Inductively Coupled Branch Strip for Bandwidth Enhancement in the Tablet Computer. IEEE Transactions on Antennas and Propagation, 2013, 61, 6144-6151.    | 5.1 | 97        |
| 89 | WWAN printed monopole slot antenna with a parallelâ€resonant slit for tablet computer application. Microwave and Optical Technology Letters, 2013, 55, 40-45.  | 1.4 | 11        |
| 90 | Highâ€isolation 2.4/5.2/5.8 GHz WLAN MIMO antenna array for laptop computer application. Microwave and Optical Technology Letters, 2013, 55, 382-387.  | 1.4 | 23        |

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|-----|--|-----|-----------|
| 91  | Small-Size Uniplanar WWAN Tablet Computer Antenna Using a Parallel-Resonant Strip for Bandwidth Enhancement. IEEE Transactions on Antennas and Propagation, 2013, 61, 492-496.                         | 5.1 | 35        |
| 92  | Decoupled WWAN/LTE antennas with an isolation ring strip embedded therebetween for smartphone application. Microwave and Optical Technology Letters, 2013, 55, 1470-1476.                              | 1.4 | 24        |
| 93  | WWAN/LTE Handset Antenna with Shaped Circuit Board, Battery, and Metal Midplate. Microwave and Optical Technology Letters, 2013, 55, 2254-2261.  | 1.4 | 6         |
| 94  | Dual-feed small-size LTE/WWAN strip monopole antenna for tablet computer applications. Microwave and Optical Technology Letters, 2013, 55, 2571-2576.  | 1.4 | 20        |
| 95  | Printed dual-feed triangular patch antenna disposed in a small notch in the handheld device system ground plane for LTE/WWAN operation. Microwave and Optical Technology Letters, 2013, 55, 2767-2773. | 1.4 | 6         |
| 96  | On the isolation of two LTE700/2300/2500 antennas in the laptop computer. Microwave and Optical Technology Letters, 2013, 55, 1370-1375.   | 1.4 | 11        |
| 97  | Small-size LTE700/2300/2500 antenna and high-isolation antenna array using the same for the laptop computer. , 2013, , .   |     | 0         |
| 98  | Small-Size Triple-Wideband LTE/WWAN Tablet Device Antenna. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1516-1519.  | 4.0 | 40        |
| 99  | Penta-band WWAN handset antenna embedded in a small notch in the system ground plane. , 2012, , .  |     | 3         |
| 100 | High-isolation WLAN MIMO laptop computer antenna array. , 2012, , .  |     | 11        |
| 101 | 2.4/5.2/5.8 GHz WLAN antenna for the ultrabook computer with metal housing. , 2012, , .  |     | 14        |
| 102 | Integrated monopole slot and monopole strip for WWAN handset antenna. , 2012, , .  |     | 1         |
| 103 | Bandwidth Enhancement of Small-Size Planar Tablet Computer Antenna Using a Parallel-Resonant Spiral Slit. IEEE Transactions on Antennas and Propagation, 2012, 60, 1705-1711.                          | 5.1 | 53        |
| 104 | Small-size WWAN handset antenna disposed at a small notch in the system ground plane. Microwave and Optical Technology Letters, 2012, 54, 2498-2503.   | 1.4 | 5         |
| 105 | Internal coupled-feed loop antenna integrated with notched ground plane for wireless wide area network operation in the mobile handset. Microwave and Optical Technology Letters, 2012, 54, 599-605.   | 1.4 | 17        |
| 106 | Low-profile, small-size, wireless wide area network handset antenna close integration with surrounding ground plane. Microwave and Optical Technology Letters, 2012, 54, 623-629.                      | 1.4 | 12        |
| 107 | Small-size WWAN monopole slot antenna with dual-band bandstop matching circuit for tablet computer application. Microwave and Optical Technology Letters, 2012, 54, 875-879.                           | 1.4 | 15        |
| 108 | Small-size LTE/WWAN coupled-feed loop antenna with bandstop matching circuit for tablet computer. Microwave and Optical Technology Letters, 2012, 54, 1189-1193.                                       | 1.4 | 24        |

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|-----|---|-----|-----------|
| 109 | Internal WWAN/LTE handset antenna integrated with USB connector. Microwave and Optical Technology Letters, 2012, 54, 1154-1159.   | 1.4 | 12        |
| 110 | Small-size WWAN tablet computer antenna with distributed and lumped parallel resonant circuits. Microwave and Optical Technology Letters, 2012, 54, 1348-1353.  | 1.4 | 11        |
| 111 | Integration of monopole slot and monopole strip for internal WWAN handset antenna. Microwave and Optical Technology Letters, 2012, 54, 1718-1723.   | 1.4 | 12        |
| 112 | Internal cellular handset antenna with a curved metal pattern for decreased near-field radiation. Microwave and Optical Technology Letters, 2012, 54, 1927-1932.  | 1.4 | 1         |
| 113 | Small-size multiband planar antenna for LTE700/2300/2500 operation in the tablet computer. Microwave and Optical Technology Letters, 2012, 54, 81-86.   | 1.4 | 18        |
| 114 | WWAN/LTE printed slot antenna for tablet computer application. Microwave and Optical Technology Letters, 2012, 54, 44-49.   | 1.4 | 36        |
| 115 | Small planar internal wireless wide area network tablet computer antenna. Microwave and Optical Technology Letters, 2012, 54, 426-431.  | 1.4 | 5         |
| 116 | Bandwidth enhancement of WWAN/LTE tablet computer antenna using embedded parallel resonant circuit. Microwave and Optical Technology Letters, 2012, 54, 305-309.  | 1.4 | 23        |
| 117 | On-Board Printed Coupled-Fed Loop Antenna in Close Proximity to the Surrounding Ground Plane for Penta-Band WWAN Mobile Phone. IEEE Transactions on Antennas and Propagation, 2011, 59, 751-757.                            | 5.1 | 90        |
| 118 | Coupled-Fed Shorted Monopole With a Radiating Feed Structure for Eight-Band LTE/WWAN Operation in the Laptop Computer. IEEE Transactions on Antennas and Propagation, 2011, 59, 674-679.                                    | 5.1 | 42        |
| 119 | Internal Coupled-Fed Dual-Loop Antenna Integrated With a USB Connector for WWAN/LTE Mobile Handset. IEEE Transactions on Antennas and Propagation, 2011, 59, 4215-4221.   | 5.1 | 69        |
| 120 | Small-size wideband monopole antenna closely coupled with a chip-inductor-loaded shorted strip for 11-band WWAN/WLAN/WiMAX operation in the slim mobile phone. Microwave and Optical Technology Letters, 2011, 53, 361-366. | 1.4 | 10        |
| 121 | Simple two-strip monopole with a parasitic shorted strip for internal eight-band LTE/WWAN laptop computer antenna. Microwave and Optical Technology Letters, 2011, 53, 706-712.   | 1.4 | 26        |
| 122 | Hearing aid-compatible internal LTE/WWAN bar-type mobile phone antenna. Microwave and Optical Technology Letters, 2011, 53, 774-781.  | 1.4 | 14        |
| 123 | Planar strip monopole with a chip-capacitor-loaded loop radiating feed for LTE/WWAN slim mobile phone application. Microwave and Optical Technology Letters, 2011, 53, 952-958.   | 1.4 | 19        |
| 124 | On-board small-size printed LTE/WWAN mobile handset antenna closely integrated with system ground plane. Microwave and Optical Technology Letters, 2011, 53, 1336-1343.   | 1.4 | 26        |
| 125 | Wideband monopole antenna coupled with a chip-inductor-loaded shorted strip for LTE/WWAN mobile handset. Microwave and Optical Technology Letters, 2011, 53, 1293-1298.   | 1.4 | 17        |
| 126 | Internal eight-band WWAN/LTE handset antenna using loop shorting strip and chip-capacitor-loaded feeding strip for bandwidth enhancement. Microwave and Optical Technology Letters, 2011, 53, 1217-1222.                    | 1.4 | 13        |



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|-----|--|-----|-----------|
| 127 | Simple printed monopole slot antenna for pentaband wireless wide area network operation in the mobile handset. Microwave and Optical Technology Letters, 2011, 53, 1399-1404.  | 1.4 | 39        |
| 128 | Internal mobile phone antenna array for LTE/WWAN and LTE MIMO operations. Microwave and Optical Technology Letters, 2011, 53, 1569-1573.   | 1.4 | 70        |
| 129 | Body SAR study of the planar WWAN monopole slot antenna for tablet device application. Microwave and Optical Technology Letters, 2011, 53, 1721-1727.  | 1.4 | 4         |
| 130 | Surface-mount WWAN monopole slot antenna for mobile handset. Microwave and Optical Technology Letters, 2011, 53, 1890-1896.  | 1.4 | 9         |
| 131 | Small-size wideband chip antenna for WWAN/LTE operation and close integration with nearby conducting elements in the mobile handset. Microwave and Optical Technology Letters, 2011, 53, 1998-2004.                            | 1.4 | 7         |
| 132 | Wwan/lte printed loop tablet computer antenna and its body sar analysis. Microwave and Optical Technology Letters, 2011, 53, 2912-2919.  | 1.4 | 28        |
| 133 | Simple printed monopole slot antenna for WWAN mobile handset. , 2011, , .  |     | 3         |
| 134 | Small-Size Loop Antenna With a Parasitic Shorted Strip Monopole for Internal WWAN Notebook Computer Antenna. IEEE Transactions on Antennas and Propagation, 2011, 59, 1733-1738.   | 5.1 | 24        |
| 135 | Small-size internal antenna for LTE/WWAN operation in the laptop computer. , 2010, , .   |     | 10        |
| 136 | Isolation improvement of 2.4/5.2/5.8 GHz WLAN internal laptop computer antennas using dual-band strip resonator as a wavetrap. Microwave and Optical Technology Letters, 2010, 52, 58-64.                                      | 1.4 | 47        |
| 137 | Very small size printed monopole with embedded chip inductor for 2.4/5.2/5.8 GHz WLAN laptop computer antenna. Microwave and Optical Technology Letters, 2010, 52, 171-177.  | 1.4 | 25        |
| 138 | Small-size coupled-fed shorted T-monopole for internal WWAN antenna in the thin-profile mobile phone. Microwave and Optical Technology Letters, 2010, 52, 257-262.   | 1.4 | 23        |
| 139 | Internal wireless wide area network clamshell mobile phone antenna with reduced ground plane effects. Microwave and Optical Technology Letters, 2010, 52, 922-930.   | 1.4 | 5         |
| 140 | Bandwidth enhancement of small-size internal WWAN laptop computer antenna using a resonant open slot embedded in the ground plane. Microwave and Optical Technology Letters, 2010, 52, 1137-1142.                              | 1.4 | 9         |
| 141 | Bandwidth enhancement of internal WWAN antenna using an inductively coupled plate in the small-size mobile phone. Microwave and Optical Technology Letters, 2010, 52, 1247-1253.   | 1.4 | 17        |
| 142 | Internal printed loop/monopole combo antenna for LTE/GSM/UMTS operation in the laptop computer. Microwave and Optical Technology Letters, 2010, 52, 1673-1678.   | 1.4 | 44        |
| 143 | Small-size printed loop-type antenna integrated with two stacked coupled-fed shorted strip monopoles for eight-band LTE/GSM/UMTS operation in the mobile phone. Microwave and Optical Technology Letters, 2010, 52, 1471-1476. | 1.4 | 47        |
| 144 | Small-size coupled-fed printed PIFA for internal eight-band LTE/GSM/UMTS mobile phone antenna. Microwave and Optical Technology Letters, 2010, 52, 2123-2128.  | 1.4 | 56        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 145 | Bandwidth enhancement of coupled-fed on-board printed PIFA using bypass radiating strip for eight-band LTE/WWAN slim mobile phone. Microwave and Optical Technology Letters, 2010, 52, 2059-2065.       | 1.4 | 26        |
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| 147 | Small-size internal eight-band LTE/WWAN mobile phone antenna with internal distributed LC matching circuit. Microwave and Optical Technology Letters, 2010, 52, 2244-2250.                              | 1.4 | 52        |
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