

Kin-Lu Wong

List of Publications by Citations

Source: <https://exaly.com/author-pdf/889234/kin-lu-wong-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

607
papers

14,567
citations

59
h-index

90
g-index

687
ext. papers

18,292
ext. citations

1.8
avg, IF

7.09
L-index

#	Paper	IF	Citations
607	2002,		772
606	Bandwidth enhancement of a microstrip-line-fed printed wide-slot antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2001 , 49, 1020-1024	4.9	316
605	Printed double-T monopole antenna for 2.4/5.2 GHz dual-band WLAN operations. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 2187-2192	4.9	313
604	4G/5G Multiple Antennas for Future Multi-Mode Smartphone Applications. <i>IEEE Access</i> , 2016 , 4, 2981-2988	3.9	215
603	Two Asymmetrically Mirrored Gap-Coupled Loop Antennas as a Compact Building Block for Eight-Antenna MIMO Array in the Future Smartphone. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 1765-1778	4.9	166
602	Printed Monopole Slot Antenna for Internal Multiband Mobile Phone Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 3690-3697	4.9	162
601	A broad-band rectangular patch antenna with a pair of wide slits. <i>IEEE Transactions on Antennas and Propagation</i> , 2001 , 49, 1345-1347	4.9	148
600	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. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 174-181	1.2	147
599	Cross-slot-coupled microstrip antenna and dielectric resonator antenna for circular polarization. <i>IEEE Transactions on Antennas and Propagation</i> , 1999 , 47, 605-609	4.9	144
598	Ultrawide-band square planar metal-plate monopole antenna with a trident-shaped feeding strip. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 1262-1269	4.9	138
597	Novel compact circularly polarized square microstrip antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2001 , 49, 340-342	4.9	138
596	Printed ring slot antenna for circular polarization. <i>IEEE Transactions on Antennas and Propagation</i> , 2002 , 50, 75-77	4.9	134
595	Printed $\lambda/8$ -PIFA for Penta-Band WWAN Operation in the Mobile Phone. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 1373-1381	4.9	133
594	Broad-band dual-polarized single microstrip patch antenna with high isolation and low cross polarization. <i>IEEE Transactions on Antennas and Propagation</i> , 2002 , 50, 399-401	4.9	118
593	Coplanar waveguide-fed square slot antenna for broadband circularly polarized radiation. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 2141-2144	4.9	116
592	A broad-band CPW-fed strip-loaded square slot antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 719-721	4.9	105
591	3.6-GHz 10-antenna array for mimo operation in the smartphone. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 1699-1704	1.2	103

590	Multiband Printed Monopole Slot Antenna for WWAN Operation in the Laptop Computer. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 324-330	4.9	103
589	Dual-band flat-plate antenna with a shorted parasitic element for laptop applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 539-544	4.9	103
588	Quarter-Wavelength Printed Loop Antenna With an Internal Printed Matching Circuit for GSM/DCS/PCS/UMTS Operation in the Mobile Phone. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 2541-2547	4.9	102
587	Low-cost broadband circularly polarized patch antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 3006-3009	4.9	102
586	. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 472-475	4.9	99
585	On the circular polarization operation of annular-ring microstrip antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 1999 , 47, 1289-1292	4.9	98
584	Compact Multiband Folded Loop Chip Antenna for Small-Size Mobile Phone. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 3797-3803	4.9	96
583	1999 ,		95
582	Dual-band circularly-polarized square microstrip antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2001 , 49, 377-382	4.9	93
581	Small broadband rectangular microstrip antenna with chip-resistor loading. <i>Electronics Letters</i> , 1997 , 33, 1593	1.1	90
580	Internal Compact Dual-Band Printed Loop Antenna for Mobile Phone Application. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 1457-1462	4.9	88
579	. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 2479-2483	4.9	87
578	A compact microstrip antenna with meandering slots in the ground plane. <i>Microwave and Optical Technology Letters</i> , 2001 , 29, 95-97	1.2	84
577	. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 1011-1014	4.9	83
576	Broadband dual-polarized patch antennas fed by capacitively coupled feed and slot-coupled feed. <i>IEEE Transactions on Antennas and Propagation</i> , 2002 , 50, 346-351	4.9	82
575	Ultra-wideband square planar monopole antenna for IEEE 802.16a operation in the 2.3-3.1-GHz band. <i>Microwave and Optical Technology Letters</i> , 2004 , 42, 463-466	1.2	80
574	Single-feed small circularly polarised square microstrip antenna. <i>Electronics Letters</i> , 1997 , 33, 1833	1.1	78
573	. <i>IEEE Transactions on Antennas and Propagation</i> , 1999 , 47, 1174-1178	4.9	76

572	. <i>IEEE Transactions on Antennas and Propagation</i> , 2002 , 50, 188-191	4.9	75
571	Slot-loaded, meandered rectangular microstrip antenna with compact dual-frequency operation. <i>Electronics Letters</i> , 1998 , 34, 1048	1.1	75
570	Circularly polarised microstrip antenna with a tuning stub. <i>Electronics Letters</i> , 1998 , 34, 831	1.1	74
569	. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 751-757	4.9	73
568	Uniplanar Printed Coupled-Fed PIFA With a Band-Notching Slit for WLAN/WiMAX Operation in the Laptop Computer. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 1252-1258	4.9	72
567	. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 2138-2141	4.9	72
566	Broad-band single-patch circularly polarized microstrip antenna with dual capacitively coupled feeds. <i>IEEE Transactions on Antennas and Propagation</i> , 2001 , 49, 41-44	4.9	72
565	Planar Printed Strip Monopole With a Closely-Coupled Parasitic Shorted Strip for Eight-Band LTE/GSM/UMTS Mobile Phone. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 3426-3431	4.9	71
564	Band-notched ultra-wideband circular-disk monopole antenna with an arc-shaped slot. <i>Microwave and Optical Technology Letters</i> , 2005 , 45, 188-191	1.2	71
563	Slotted rectangular microstrip antenna for bandwidth enhancement. <i>IEEE Transactions on Antennas and Propagation</i> , 2000 , 48, 1149-1152	4.9	71
562	Single-feed square-ring microstrip antenna with truncated corners for compact circular polarisation operation. <i>Electronics Letters</i> , 1998 , 34, 1045	1.1	71
561	Compact microstrip antenna with dual-frequency operation. <i>Electronics Letters</i> , 1997 , 33, 646	1.1	68
560	A low-profile planar monopole antenna for multiband operation of mobile handsets. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 121-125	4.9	67
559	Compact printed ultra-wideband slot antenna with a band-notched operation. <i>Microwave and Optical Technology Letters</i> , 2005 , 45, 128-130	1.2	67
558	Small-Size LTE/WWAN Printed Loop Antenna With an Inductively Coupled Branch Strip for Bandwidth Enhancement in the Tablet Computer. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 6144-6151	4.9	66
557	Dual-frequency triangular microstrip antenna with a shorting pin. <i>IEEE Transactions on Antennas and Propagation</i> , 1997 , 45, 1889-1891	4.9	66
556	Thin internal GSM/DCS patch antenna for a portable mobile terminal. <i>IEEE Transactions on Antennas and Propagation</i> , 2006 , 54, 238-242	4.9	66
555	Beamwidth enhancement of a circularly polarized microstrip antenna mounted on a three-dimensional ground structure. <i>Microwave and Optical Technology Letters</i> , 2002 , 32, 149-153	1.2	65

554	Printed dual-band dipole antenna with U-slotted arms for 2.4/5.2 GHz WLAN operation. <i>Electronics Letters</i> , 2002 , 38, 1308	1.1	64
553	Bandwidth-enhanced internal PIFA with a coupling feed for quad-band operation in the mobile phone. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 683-687	1.2	62
552	Omnidirectional planar dipole array antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2004 , 52, 624-628	4.9	62
551	Internal mobile phone antenna array for LTE/WWAN and LTE MIMO operations. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 1569-1573	1.2	61
550	On the impedance bandwidth of a planar inverted-F antenna for mobile handsets. <i>Microwave and Optical Technology Letters</i> , 2002 , 32, 249-251	1.2	61
549	Band-notched ultra-wideband planar-monopole antenna. <i>Microwave and Optical Technology Letters</i> , 2005 , 44, 217-219	1.2	60
548	A compact meandered circular microstrip antenna with a shorting pin. <i>Microwave and Optical Technology Letters</i> , 1997 , 15, 147-149	1.2	59
547	A dual-band GPS microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 2002 , 33, 238-240	1.2	58
546	Printed diversity monopole antenna for WLAN operation. <i>Electronics Letters</i> , 2002 , 38, 1625	1.1	58
545	Broadband triangular microstrip antenna with U-shaped slot. <i>Electronics Letters</i> , 1997 , 33, 2085	1.1	57
544	Dual-band dual inverted-F/loop antennas as a compact decoupled building block for forming eight 3.5/5.8-GHz MIMO antennas in the future smartphone. <i>Microwave and Optical Technology Letters</i> , 2017 , 59, 2715-2721	1.2	56
543	Broadband probe-fed patch antenna with a W-shaped ground plane. <i>IEEE Transactions on Antennas and Propagation</i> , 2002 , 50, 827-831	4.9	56
542	Single-feed dual-band circularly polarised microstrip antenna. <i>Electronics Letters</i> , 1998 , 34, 1170	1.1	56
541	. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 3600-3604	4.9	55
540	Small dual-frequency microstrip antenna with cross slot. <i>Electronics Letters</i> , 1997 , 33, 1916	1.1	53
539	Uni-Planar Dual-Band Monopole Antenna for 2.4/5 GHz WLAN Operation in the Laptop Computer. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 3739-3741	4.9	53
538	Hexa-band internal printed slot antenna for mobile phone application. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 35-38	1.2	53
537	A compact dual-band dual-polarized patch antenna for 900/1800-MHz cellular systems. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 1936-1940	4.9	52

536	Broadband omnidirectional metal-plate monopole antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 581-583	4.9	52
535	Internal Coupled-Fed Dual-Loop Antenna Integrated With a USB Connector for WWAN/LTE Mobile Handset. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 4215-4221	4.9	51
534	A printed ultra-wideband diversity monopole antenna. <i>Microwave and Optical Technology Letters</i> , 2003 , 38, 257-259	1.2	51
533	Dual-band slot antenna for 2.4/5.2 GHz WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2002 , 35, 306-308	1.2	50
532	PIFA with a meandered and folded patch for the dual-band mobile phone application. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 2468-2471	4.9	50
531	Internal shorted patch antenna for a UMTS folder-type mobile phone. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 3391-3394	4.9	49
530	Omnidirectional planar folded dipole antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2004 , 52, 1898-1902	4.9	49
529	Dual-band planar inverted F antenna for GSM/DCS mobile phones. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 1124-1126	4.9	49
528	Chip-inductor-embedded small-size printed strip monopole for WWAN operation in the mobile phone. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 966-971	1.2	48
527	Internal Patch Antenna With a Thin Air-Layer Substrate for GSM/DCS Operation in a PDA Phone. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 1165-1172	4.9	47
526	Square-ring microstrip antenna with a cross strip for compact circular polarization operation. <i>IEEE Transactions on Antennas and Propagation</i> , 1999 , 47, 1566-1568	4.9	47
525	Small-Size LTE/WWAN Tablet Device Antenna With Two Hybrid Feeds. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 2926-2934	4.9	45
524	Uniplanar coupled-fed printed PIFA for WWAN operation in the laptop computer. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 549-554	1.2	45
523	Low-profile omnidirectional circularly polarized antenna for WLAN access points. <i>Microwave and Optical Technology Letters</i> , 2005 , 46, 227-231	1.2	45
522	Small-size printed monopole with a printed distributed inductor for pentaband WWAN mobile phone application. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 2903-2908	1.2	43
521	Small-size internal eight-band LTE/WWAN mobile phone antenna with internal distributed LC matching circuit. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 2244-2250	1.2	43
520	A wide-band monopolar plate-patch antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2002 , 50, 1328-1330	4.9	43
519	Bandwidth Enhancement of Small-Size Planar Tablet Computer Antenna Using a Parallel-Resonant Spiral Slit. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 1705-1711	4.9	42

518	Compact triangular microstrip antenna. <i>Electronics Letters</i> , 1997 , 33, 433	1.1	42
517	A dual-band planar inverted-F patch antenna with a branch-line slit. <i>Microwave and Optical Technology Letters</i> , 2002 , 32, 310-312	1.2	42
516	Ultrawideband PIFA With a Capacitive Feed for Penta-Band Folder-Type Mobile Phone Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 2461-2464	4.9	41
515	Shorted T-shaped monopole antenna for 2.4/5 GHz WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2004 , 41, 202-203	1.2	41
514	Microstrip-line-fed printed shorted ring-slot antennas for circular polarization. <i>Microwave and Optical Technology Letters</i> , 2001 , 31, 137-140	1.2	41
513	Novel dual-frequency and broad-band designs of slot-loaded equilateral triangular microstrip antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2000 , 48, 1048-1054	4.9	41
512	Passive Reconfigurable Triple-Wideband Antenna for LTE Tablet Computer. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 901-908	4.9	40
511	Very-small-size printed loop antenna for GSM/DCS/PCS/UMTS operation in the mobile phone. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 184-192	1.2	40
510	Small-size coupled-fed printed PIFA for internal eight-band LTE/GSM/UMTS mobile phone antenna. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 2123-2128	1.2	40
509	Compact circularly polarised microstrip antenna with bent slots. <i>Electronics Letters</i> , 1998 , 34, 1278	1.1	40
508	Broadband microstrip antenna with directly coupled and parasitic patches. <i>Microwave and Optical Technology Letters</i> , 1999 , 22, 348-349	1.2	40
507	A single-layer dual-frequency rectangular microstrip patch antenna using a single probe feed. <i>Microwave and Optical Technology Letters</i> , 1996 , 11, 83-84	1.2	40
506	Integrated Inverted-F and Open-Slot Antennas in the Metal-Framed Smartphone for 2×2 LTE LB and 4×4 LTE M/MB MIMO Operations. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 5004-5012	4.9	39
505	Low-Profile Dual-Wideband Inverted-T Open Slot Antenna for the LTE/WWAN Tablet Computer With a Metallic Frame. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 2879-2886	4.9	39
504	Simple Folded Monopole Slot Antenna for Penta-Band Clamshell Mobile Phone Application. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 3680-3684	4.9	39
503	Isolation improvement of 2.4/5.2/5.8 GHz WLAN internal laptop computer antennas using dual-band strip resonator as a wavetrap. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 58-64	1.2	39
502	Internal meandered loop antenna for GSM/DCS/PCS multiband operation in a mobile phone with the user's hand. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 759-765	1.2	39
501	Internal DTV antenna for folder-type mobile phone. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 1015-1019	1.2	39

500	Very-small-size folded loop antenna with a band-stop matching circuit for WWAN operation in the mobile phone. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 808-814	1.2	38
499	Compact planar inverted-F patch antenna for triple-frequency operation. <i>Microwave and Optical Technology Letters</i> , 2002 , 33, 459-462	1.2	38
498	A novel dual-band printed inverted-F antenna. <i>Microwave and Optical Technology Letters</i> , 2001 , 31, 353-355		38
497	Broadband probe-fed patch antenna with a U-shaped ground plane for cross-polarization reduction. <i>IEEE Transactions on Antennas and Propagation</i> , 2002 , 50, 352-355	4.9	38
496	Modified planar inverted F antenna. <i>Electronics Letters</i> , 1998 , 34, 7	1.1	38
495	Dual-frequency slotted rectangular microstrip antenna. <i>Electronics Letters</i> , 1998 , 34, 1368	1.1	38
494	Broadband Printed Dipole Antenna With a Step-Shaped Feed Gap for DTV Signal Reception. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 3353-3356	4.9	37
493	EMC internal patch antenna for UMTS operation in a mobile device. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 3836-3839	4.9	37
492	Internal DTV receiving antenna for laptop application. <i>Microwave and Optical Technology Letters</i> , 2005 , 44, 4-6	1.2	37
491	Small-Size Hybrid Loop/Open-Slot Antenna for the LTE Smartphone. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5837-5841	4.9	36
490	Internal WWAN Clamshell Mobile Phone Antenna Using a Current Trap for Reduced Ground Plane Effects. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 3303-3308	4.9	36
489	Internal Ultrawideband Monopole Antenna for Wireless USB Dongle Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 1180-1183	4.9	36
488	Characteristics of a 2.4-GHz compact shorted patch antenna in close proximity to a lossy medium. <i>Microwave and Optical Technology Letters</i> , 2005 , 45, 480-483	1.2	36
487	Small-Size Stacked Inverted-F Antenna With Two Hybrid Shorting Strips for the LTE/WWAN Tablet Device. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 3962-3969	4.9	35
486	Internal planar WWAN laptop computer antenna using monopole slot elements. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 1274-1279	1.2	35
485	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. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 1471-1476	1.2	35
484	Three-antenna MIMO system for WLAN operation in a PDA phone. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 1238-1242	1.2	35
483	Compact circularly-polarised circular microstrip antenna with cross-slot and peripheral cuts. <i>Electronics Letters</i> , 1998 , 34, 1040	1.1	35

482	Uniplanar coupled-fed printed PIFA for WWAN/WLAN operation in the mobile phone. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 1250-1257	1.2	34
481	Internal composite monopole antenna for WLAN/WiMAX operation in a laptop computer. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 868-871	1.2	34
480	Circular polarisation design of a single-feed equilateral-triangular microstrip antenna. <i>Electronics Letters</i> , 1998 , 34, 319	1.1	34
479	Reconfigurable narrow-frame antenna for LTE/WWAN metal-rimmed smartphone applications. <i>IET Microwaves, Antennas and Propagation</i> , 2016 , 10, 1092-1100	1.6	34
478	. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 53-60	4.9	33
477	Coupled-Fed Shorted Monopole With a Radiating Feed Structure for Eight-Band LTE/WWAN Operation in the Laptop Computer. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 674-679	4.9	33
476	Internal multiband printed folded slot antenna for mobile phone application. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1833-1837	1.2	33
475	Printed band-notched ultra-wideband quasi-dipole antenna. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 418-420	1.2	33
474	Bandwidth Enhancement of the Small-Size Internal Laptop Computer Antenna Using a Parasitic Open Slot for Penta-Band WWAN Operation. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 3431-3435	4.9	32
473	A dual-band circularly polarized stacked elliptic microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 2000 , 24, 354-357	1.2	32
472	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1993 , 41, 698-701	4.1	32
471	High-isolation conjoined loop multi-input multi-output antennas for the fifth-generation tablet device. <i>Microwave and Optical Technology Letters</i> , 2019 , 61, 111-119	1.2	32
470	Internal printed loop/monopole combo antenna for LTE/GSM/UMTS operation in the laptop computer. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 1673-1678	1.2	31
469	Half-Loop Frame Antenna for the LTE Metal-Casing Tablet Device. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 71-81	4.9	30
468	Internal shorted monopole antenna for the watch-type wireless communication device for Bluetooth operation. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 942-946	1.2	30
467	Surface-mountable EMC monopole chip antenna for WLAN operation. <i>IEEE Transactions on Antennas and Propagation</i> , 2006 , 54, 1100-1104	4.9	30
466	Isolation between GSM/DCS and WLAN antennas in a PDA phone. <i>Microwave and Optical Technology Letters</i> , 2005 , 45, 347-352	1.2	30
465	Compact dual-frequency microstrip antenna with a pair of bent slots. <i>Electronics Letters</i> , 1998 , 34, 225	1.1	30

464	WWAN/LTE printed slot antenna for tablet computer application. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 44-49	1.2	29
463	Small-Size Triple-Wideband LTE/WWAN Tablet Device Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 1516-1519	3.8	29
462	Simple printed monopole slot antenna for penta-band wireless wide area network operation in the mobile handset. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 1399-1404	1.2	29
461	Printed PIFA with a coplanar coupling feed for penta-band operation in the mobile phone. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 3181-3186	1.2	29
460	Small-Size Uniplanar WWAN Tablet Computer Antenna Using a Parallel-Resonant Strip for Bandwidth Enhancement. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 492-496	4.9	28
459	Small circular microstrip antenna with dual-frequency operation. <i>Electronics Letters</i> , 1997 , 33, 1112	1.1	28
458	Stripline-fed printed triangular monopole. <i>Electronics Letters</i> , 1997 , 33, 1428	1.1	28
457	Internal hybrid loop/monopole slot antenna for quad-band operation in the mobile phone. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 795-801	1.2	28
456	Compact multiband PIFA with a coupling feed for internal mobile phone antenna. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 2487-2491	1.2	28
455	A dual capacitively fed broadband patch antenna with reduced cross-polarization radiation. <i>Microwave and Optical Technology Letters</i> , 2000 , 26, 169-171	1.2	28
454	WLAN chip antenna mountable above the system ground plane of a mobile device. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 3496-3499	4.9	27
453	Integrated F-shaped monopole antenna for 2.4/5.2 GHz dual-band operation. <i>Microwave and Optical Technology Letters</i> , 2002 , 34, 24-26	1.2	27
452	Single-feed circularly polarized equilateral-triangular microstrip antenna with a tuning stub. <i>IEEE Transactions on Antennas and Propagation</i> , 2000 , 48, 1869-1872	4.9	27
451	Circularly polarised equilateral-triangular microstrip antenna with truncated tip. <i>Electronics Letters</i> , 1998 , 34, 1277	1.1	27
450	A circularly polarized patch-loaded square-slot antenna. <i>Microwave and Optical Technology Letters</i> , 1999 , 23, 363-365	1.2	27
449	Dual-wideband linear open slot antenna with two open ends for the LTE/WWAN smartphone. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 1269-1274	1.2	26
448	Small-size printed loop antenna for penta-band thin-profile mobile phone application. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 1512-1517	1.2	26
447	Internal printed loop-type mobile phone antenna for penta-band operation. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 2595-2599	1.2	26

446	Broadband circular microstrip antenna with embedded reactive loading. <i>Electronics Letters</i> , 1998 , 34, 1804	1.1	26
445	Triple-Wideband Open-Slot Antenna for the LTE Metal-Framed Tablet device. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5966-5971	4.9	25
444	Surface-mount loop antenna for AMPS/GSM/DCS/PCS operation in the PDA phone. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 2250-2254	1.2	25
443	Internal shorted planar monopole antenna embedded with a resonant spiral slot for penta-band mobile phone application. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 529-536	1.2	25
442	GSM850/900/1800/1900/UMTS printed monopole antenna for mobile phone application. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 3192-3198	1.2	25
441	Omnidirectional planar dipole-array antenna for 2.4/5.2-GHz WLAN access points. <i>Microwave and Optical Technology Letters</i> , 2003 , 39, 33-36	1.2	25
440	Coplanar waveguide-fed circularly polarized microstrip antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2000 , 48, 328-329	4.9	25
439	Three Wideband Monopolar Patch Antennas in a Y-Shape Structure for 5G Multi-Input Multi-Output Access Points. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 393-397 ^{3,8}	3.8	24
438	Small-Size Planar LTE/WWAN Antenna and Antenna Array Formed by the Same for Tablet Computer Application. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 1928-1934	1.2	24
437	Simple two-strip monopole with a parasitic shorted strip for internal eight-band LTE/WWAN laptop computer antenna. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 706-712	1.2	24
436	Small-size 11-band LTE/WWAN/WLAN internal mobile phone antenna. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 2603-2608	1.2	24
435	Compact circular polarisation design for equilateral-triangular microstrip antenna with spur lines. <i>Electronics Letters</i> , 1998 , 34, 1989	1.1	24
434	Internal GSM/DCS dual-band open-loop antenna for laptop application. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 680-684	1.2	24
433	Planar inverted-F antenna with a hollow shorting cylinder for mobile phone with an embedded camera. <i>Microwave and Optical Technology Letters</i> , 2004 , 41, 418-419	1.2	24
432	Planar monopole folded into a compact structure for very-low-profile multiband mobile-phone antenna. <i>Microwave and Optical Technology Letters</i> , 2002 , 33, 22-25	1.2	24
431	Printed monopole slot antenna for penta-band operation in the folder-type mobile phone. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 2237-2242	1.2	23
430	Surface-mount dual-loop antenna for 2.45 GHz WLAN operation. <i>Electronics Letters</i> , 2003 , 39, 1302	1.1	23
429	Multi-frequency planar monopole antenna for GSM/DCS/PCS/WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2003 , 36, 350-352	1.2	23

428	Diversity dual-band planar inverted-F antenna for WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2003 , 38, 223-225	1.2	23
427	Shorted, folded planar monopole antenna for dual-band mobile phone. <i>Electronics Letters</i> , 2003 , 39, 1301	1.1	23
426	A dual-frequency microstrip-line-fed printed slot antenna. <i>Microwave and Optical Technology Letters</i> , 2001 , 28, 373-375	1.2	23
425	Inset microstripline-fed circularly polarized microstrip antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2000 , 48, 1253-1254	4.9	23
424	High-gain compact circularly polarised microstrip antenna. <i>Electronics Letters</i> , 1998 , 34, 712	1.1	23
423	Analysis of a broadband slot-coupled dielectric-coated hemispherical dielectric resonator antenna. <i>Microwave and Optical Technology Letters</i> , 1995 , 8, 13-16	1.2	23
422	Bandwidth enhancement of coupled-fed on-board printed PIFA using bypass radiating strip for eight-band LTE/WWAN slim mobile phone. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 2059-2065	1.2	22
421	Broadband integrated DTV antenna for USB dongle application. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1018-1021	1.2	22
420	Internal hybrid antenna for multiband operation in the mobile phone. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 38-42	1.2	22
419	Broadband printed quasi-self-complementary antenna for 5.2/5.8 GHz WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2003 , 39, 495-496	1.2	22
418	Four LTE low-band smartphone antennas and their MIMO performance with user's hand presence. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 2046-2052	1.2	21
417	Experimental results of the multi-Gbps smartphone with 20 multi-input multi-output (MIMO) antennas in the 20 × 2 MIMO operation. <i>Microwave and Optical Technology Letters</i> , 2018 , 60, 2001-2010	1.2	21
416	Wwan/lte printed loop tablet computer antenna and its body sar analysis. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 2912-2919	1.2	21
415	On-board small-size printed monopole antenna integrated with USB connector for penta-band WWAN mobile phone. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 2523-2527	1.2	21
414	Wideband internal folded planar monopole antenna for UMTS/WiMAX folder-type mobile phone. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 324-327	1.2	21
413	User's hand effects on EMC internal GSM/DCS dual-band mobile phone antenna. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 1563-1569	1.2	21
412	A planar DTV receiving antenna for laptop applications. <i>Microwave and Optical Technology Letters</i> , 2004 , 42, 483-486	1.2	21
411	A printed diversity dual-band monopole antenna for WLAN operation in the 2.4- and 5.2-GHz bands. <i>Microwave and Optical Technology Letters</i> , 2003 , 36, 436-439	1.2	21

410	Compact dual-polarized microstrip antennas. <i>Microwave and Optical Technology Letters</i> , 2000 , 27, 284-287	2.1	21
409	Low-Profile Wideband Conjoined Open-Slot Antennas Fed by Grounded Coplanar Waveguides for 4x4 MIMO Operation. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 2646-2657	4.9	21
408	High-isolation 2.4/5.2/5.8 GHz WLAN MIMO antenna array for laptop computer application. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 382-387	1.2	20
407	Decoupled WWAN/LTE antennas with an isolation ring strip embedded therebetween for smartphone application. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 1470-1476	1.2	20
406	On-board small-size printed LTE/WWAN mobile handset antenna closely integrated with system ground plane. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 1336-1343	1.2	20
405	Coupled-fed small-size PIFA for penta-band folder-type mobile phone application. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 18-23	1.2	20
404	On-board 7-band WWAN/LTE antenna with small size and compact integration with nearby ground plane in the mobile phone. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 2847-2853	1.2	20
403	Internal PIFAs for UMTS/WLAN/WiMAX multi-network operation for a USB dongle. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 2249-2253	1.2	20
402	Finite-ground-plane effects on the ultra-wideband planar monopole antenna. <i>Microwave and Optical Technology Letters</i> , 2004 , 43, 535-537	1.2	20
401	Internal planar monopole antenna for GSM/DCS/PCS folder-type mobile phones. <i>Microwave and Optical Technology Letters</i> , 2003 , 39, 106-108	1.2	20
400	Thin internal planar antenna for GSM/DCS/PCS/UMTS operation in a PDA phone. <i>Microwave and Optical Technology Letters</i> , 2005 , 47, 423-426	1.2	20
399	Bandwidth enhancement of inset-microstrip-line-fed equilateral-triangular microstrip antenna. <i>Electronics Letters</i> , 1998 , 34, 2184	1.1	20
398	Slot-coupled meandered microstrip antenna for compact dual-frequency operation. <i>Electronics Letters</i> , 1998 , 34, 1047	1.1	20
397	Single-feed dual-frequency circular microstrip antenna with an open-ring slot. <i>Microwave and Optical Technology Letters</i> , 1999 , 22, 157-160	1.2	20
396	Bandwidth enhancement of WWAN/LTE tablet computer antenna using embedded parallel resonant circuit. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 305-309	1.2	19
395	Hybrid dual-antenna for the 3.6-GHz LTE operation in the tablet computer. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 2592-2598	1.2	19
394	Low-profile open-slot antenna with three branch slots for triple-wideband LTE operation in the metal-framed smartphone. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 2231-2238	1.2	19
393	Small-size uniplanar coupled-fed PIFA for 2.4/5.2/5.8 GHz WLAN operation in the laptop computer. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 1023-1028	1.2	19

392	Very small size printed monopole with embedded chip inductor for 2.4/5.2/5.8 GHz WLAN laptop computer antenna. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 171-177	1.2	19
391	Small-size coupled-fed shorted T-monopole for internal WWAN antenna in the thin-profile mobile phone. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 257-262	1.2	19
390	Coupled-fed loop antenna with branch radiators for internal LTE/WWAN laptop computer antenna. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 2662-2667	1.2	19
389	Slot-loaded bow-tie microstrip antenna for dual-frequency operation. <i>Electronics Letters</i> , 1998 , 34, 1713	1.1	19
388	Inclined-slot-coupled compact dual-frequency microstrip antenna with cross-slot. <i>Electronics Letters</i> , 1998 , 34, 321	1.1	19
387	Very-low-profile dual-wideband loop antenna for LTE tablet computer. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 141-146	1.2	18
386	Small-Size Loop Antenna With a Parasitic Shorted Strip Monopole for Internal WWAN Notebook Computer Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 1733-1738	4.9	18
385	A compact dual-band microstrip patch antenna suitable for DCS/GPS operations. <i>Microwave and Optical Technology Letters</i> , 2001 , 29, 410-412	1.2	18
384	Compact circularly polarized triangular microstrip antenna with y-shaped slot. <i>Microwave and Optical Technology Letters</i> , 1999 , 20, 31-34	1.2	18
383	Small-size dual-wideband monopole antenna with inductive and capacitive feeding branches for long term evolution tablet computer application. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 853-860	1.2	17
382	Small-size LTE/WWAN coupled-fed loop antenna with band-stop matching circuit for tablet computer. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 1189-1193	1.2	17
381	Planar strip monopole with a chip-capacitor-loaded loop radiating feed for LTE/WWAN slim mobile phone application. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 952-958	1.2	17
380	Seven-band folded-loop chip antenna for WWAN/WLAN/WiMAX operation in the mobile phone. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 543-549	1.2	17
379	Study of a uniplanar printed internal WWAN laptop computer antenna including user's hand effects. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 2341-2346	1.2	17
378	Dual-frequency circular microstrip antenna with a pair of arc-shaped slots 1998 , 19, 410-412		17
377	Half-wavelength loop strip capacitively fed by a printed monopole for penta-band mobile phone antenna. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 2549-2554	1.2	17
376	Integrated 2.4- and 5-GHz WLAN antennas with two isolated feeds for dual-module application. <i>Microwave and Optical Technology Letters</i> , 2005 , 47, 263-265	1.2	17
375	Inset-microstrip-line-fed dual-frequency circular microstrip antenna and its application to a two-element dual-frequency microstrip array. <i>IET Microwaves Antennas and Propagation</i> , 1999 , 146, 359		17

374	16-Antenna array in the smartphone for the 3.5-GHz MIMO operation 2015 ,		16
373	Dual-inverted-F antenna with a decoupling chip inductor for the 3.6-GHz LTE operation in the tablet computer. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 2189-2194	1.2	16
372	Single-feed circularly polarized microstrip antenna with a slit. <i>Microwave and Optical Technology Letters</i> , 1998 , 18, 306-308	1.2	16
371	Broadband planar shorted monopole antenna for DTV signal reception in a portable media player. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 558-561	1.2	16
370	Narrow flat-plate antenna for 2.4 GHz WLAN operation. <i>Electronics Letters</i> , 2003 , 39, 344	1.1	16
369	Circularly polarized low-profile square dielectric resonator antenna with a loading patch. <i>Microwave and Optical Technology Letters</i> , 2001 , 31, 157-159	1.2	16
368	Dual-polarized dielectric resonator antennas. <i>Microwave and Optical Technology Letters</i> , 2001 , 31, 222-223		16
367	Single-feed dual-frequency equilateral-triangular microstrip antenna with pair of spur lines. <i>Electronics Letters</i> , 1998 , 34, 1171	1.1	16
366	Low-profile, very-high-permittivity dielectric resonator antenna excited by a coplanar waveguide. <i>Microwave and Optical Technology Letters</i> , 1999 , 22, 96-97	1.2	16
365	Compact dual-frequency circular microstrip antenna with an offset circular slot. <i>Microwave and Optical Technology Letters</i> , 1999 , 22, 254-256	1.2	16
364	A dual-frequency equilateral-triangular microstrip antenna with a pair of narrow slots. <i>Microwave and Optical Technology Letters</i> , 1999 , 23, 82-84	1.2	16
363	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1993 , 41, 1349-1355	4.1	16
362	Very-Low-Profile Grounded Coplanar Waveguide-Fed Dual-Band WLAN Slot Antenna for On-Body Antenna Application. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 213-217	3.8	16
361	Four-Port Wideband Annular-Ring Patch Antenna Generating Four Decoupled Waves for 5G Multi-Input Multi-Output Access Points. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 2946-2951	4.9	16
360	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 2184-2188	3.8	15
359	Small-size dual-wideband IFA frame antenna closely integrated with metal casing of the LTE smartphone and having decreased user's hand effects. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 2853-2858	1.2	15
358	Bandwidth enhancement of internal WWAN antenna using an inductively coupled plate in the small-size mobile phone. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 1247-1253	1.2	15
357	Broadband planar dipole antenna for DTV/GSM operation. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 1900-1905	1.2	15

356	Diversity metal-plate planar inverted-F antenna for WLAN operation. <i>Electronics Letters</i> , 2003 , 39, 590	1.1	15
355	Planar inverted-F antenna with a bent meandered radiating arm for GSM/DCS operation. <i>Microwave and Optical Technology Letters</i> , 2003 , 38, 73-75	1.2	15
354	Narrow flat metal-plate antenna for dual-band WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2003 , 38, 398-400	1.2	15
353	Finite ground plane effects on broad-band dual polarized patch antenna properties. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 903-904	4.9	15
352	A broadband probe-fed patch antenna for a DCS base station. <i>Microwave and Optical Technology Letters</i> , 2001 , 30, 341-343	1.2	15
351	A shorted microstrip antenna for 2.4/5.2 GHz dual-band operation. <i>Microwave and Optical Technology Letters</i> , 2001 , 30, 401-402	1.2	15
350	Dual-frequency operation of a planar inverted-L antenna with tapered patch width. <i>Microwave and Optical Technology Letters</i> , 2001 , 28, 126-127	1.2	15
349	. <i>IEEE Transactions on Antennas and Propagation</i> , 1993 , 41, 686-690	4.9	15
348	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1994 , 42, 1032-1037	4.1	15
347	Conjoined ultra-wideband (2,300-6,000 MHz) dual antennas for LTE HB/WiFi/5G multi-input multi-output operation in the fifth-generation tablet device. <i>Microwave and Optical Technology Letters</i> , 2019 , 61, 1958-1963	1.2	14
346	Dual-wideband U-shape open-slot antenna for the lte metal-framed tablet computer. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 2677-2683	1.2	14
345	Dual-feed small-size LTE/WWAN strip monopole antenna for tablet computer applications. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 2571-2576	1.2	14
344	Wideband monopole antenna coupled with a chip-inductor-loaded shorted strip for LTE/WWAN mobile handset. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 1293-1298	1.2	14
343	Printed folded dipole array antenna with directional radiation for 2.4B GHz WLAN operation. <i>Electronics Letters</i> , 2003 , 39, 1698	1.1	14
342	Broadband low-profile printed T-shaped monopole antenna for 5-GHz wlan operation. <i>Microwave and Optical Technology Letters</i> , 2004 , 42, 243-245	1.2	14
341	Low-profile ultra-wideband antenna for mobile phone applications. <i>Microwave and Optical Technology Letters</i> , 2004 , 43, 7-9	1.2	14
340	A microstrip-coupled printed inverted-F monopole antenna. <i>Microwave and Optical Technology Letters</i> , 2004 , 43, 470-472	1.2	14
339	Integrated internal GSM/DCS and WLAN antennas with optimized isolation for a PDA phone. <i>Microwave and Optical Technology Letters</i> , 2005 , 46, 323-326	1.2	14

338	A conical-pattern annular-ring microstrip antenna with a photonic bandgap ground plane. <i>Microwave and Optical Technology Letters</i> , 2001 , 30, 159-161	1.2	14
337	Gain-enhanced compact broadband microstrip antenna. <i>Electronics Letters</i> , 1998 , 34, 138	1.1	14
336	Stripline-fed printed square spiral slot antenna for circular polarisation. <i>Electronics Letters</i> , 1998 , 34, 2290	1.1	14
335	Broadband rectangular microstrip antenna with pair of toothbrush-shaped slots. <i>Electronics Letters</i> , 1998 , 34, 2186	1.1	14
334	Small-size multiband planar antenna for LTE700/2300/2500 operation in the tablet computer. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 81-86	1.2	13
333	Integrated yet decoupled dual antennas with inherent decoupling structures for 2.4/5.2/5.8-GHz WLAN MIMO operation in the smartphone. <i>Microwave and Optical Technology Letters</i> , 2017 , 59, 2235-2241	1.2	13
332	Internal coupled-fed loop antenna integrated with notched ground plane for wireless wide area network operation in the mobile handset. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 599-605	1.2	13
331	Small-size WWAN monopole slot antenna with dual-band band-stop matching circuit for tablet computer application. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 875-879	1.2	13
330	Slot-coupled compact broadband circular microstrip antenna with chip-resistor and chip-capacitor loadings. <i>Microwave and Optical Technology Letters</i> , 1998 , 18, 345-349	1.2	13
329	A Miniature Dual-Mode Bandpass Filter Using Al ₂ O ₃ Substrate. <i>IEEE Microwave and Wireless Components Letters</i> , 2007 , 17, 580-582	2.6	13
328	Internal multiband loop antenna for GSM/DCS/PCS/UMTS operation in the small-size mobile device. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 1279-1285	1.2	13
327	Capacitively FED hybrid monopole/slot chip antenna for 2.5/3.5/5.5 GHz WiMAX operation in the mobile phone. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 2689-2694	1.2	13
326	Wide-band cylindrical monopole antenna for mobile phone. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 2756-2758	4.9	13
325	Folded meandered-patch monopole antenna for low-profile GSM/DCS dual-band mobile phone. <i>Microwave and Optical Technology Letters</i> , 2002 , 34, 84-86	1.2	13
324	Parametric study of dual-band operation in a microstrip-fed uniplanar monopole antenna. <i>IET Microwaves Antennas and Propagation</i> , 2003 , 150, 411		13
323	A dual-frequency L-shaped patch antenna. <i>Microwave and Optical Technology Letters</i> , 2000 , 27, 177-179	1.2	13
322	Broadband circularly polarised square microstrip antenna using chip-resistor loading. <i>IET Microwaves Antennas and Propagation</i> , 1999 , 146, 94		13
321	Dual-frequency rectangular microstrip antenna with embedded spur lines and integrated reactive loading. <i>Microwave and Optical Technology Letters</i> , 1999 , 21, 272-275	1.2	13

320	Low-profile dual-wideband dual-inverted-L open-slot antenna for the LTE/WWAN tablet device. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 1813-1818	1.2	12
319	Conceptual design and implementation of a four-element MIMO antenna system packaged within a metallic handset. <i>Microwave and Optical Technology Letters</i> , 2018 , 60, 436-444	1.2	12
318	Integrated triple-wideband triple-inverted-F antenna covering 617960/171102690/33002200 MHz for 4G/5G communications in the smartphone. <i>Microwave and Optical Technology Letters</i> , 2018 , 60, 2091-2096	1.2	12
317	Hearing aid-compatible internal LTE/WWAN bar-type mobile phone antenna. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 774-781	1.2	12
316	Microstrip-line-fed compact broadband circular microstrip antenna with chip-resistor loading. <i>Microwave and Optical Technology Letters</i> , 1998 , 17, 53-55	1.2	12
315	Wideband monopole antenna for DTV/GSM operation in the mobile phone. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 801-806	1.2	12
314	Wideband integrated monopole slot antenna for WLAN/WiMAX operation in the mobile phone. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 2000-2005	1.2	12
313	Coplanar waveguide-fed folded inverted-F antenna for UMTS application. <i>Microwave and Optical Technology Letters</i> , 2002 , 32, 364-366	1.2	12
312	Inverted-L slot antenna for WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2003 , 37, 315-316	1.2	12
311	Compact dual-band metal-plate antenna for 2.4/5.2-GHz WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2003 , 38, 113-115	1.2	12
310	An EMC foam-base chip antenna for WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2005 , 47, 80-82	1.2	12
309	A dual-frequency coplanar waveguide-fed slot antenna. <i>Microwave and Optical Technology Letters</i> , 2000 , 25, 226-228	1.2	12
308	Small slot-coupled circularly-polarised microstrip antenna with modified cross-slot and bent tuning-stub. <i>Electronics Letters</i> , 1998 , 34, 1542	1.1	12
307	Slot-coupled microstrip antenna for broadband circular polarisation. <i>Electronics Letters</i> , 1998 , 34, 835	1.1	12
306	Compact eight MIMO antennas for 5G smartphones and their MIMO capacity verification 2016 ,		12
305	Integrated Four Low-Profile Shorted Patch Dual-Band WLAN MIMO Antennas for Mobile Device Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 3566-3571	4.9	12
304	Low-profile, small-size, wireless wide area network handset antenna close integration with surrounding ground plane. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 623-629	1.2	11
303	Internal eight-band WWAN/LTE handset antenna using loop shorting strip and chip-capacitor-loaded feeding strip for bandwidth enhancement. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 1217-1222	1.2	11

302	Wideband surface-mount chip antenna for eight-band LTE/WWAN slim mobile phone application. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 2554-2560	1.2	11
301	Printed PIFA EM Compatible With Nearby Conducting Elements. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 2919-2922	4.9	11
300	Ultra-wideband loop antenna coupled-FED by a monopole feed for penta-band folder-type mobile phone. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 2706-2712	1.2	11
299	Internal GSM/DCS antenna backed by a step-shaped ground plane for a PDA phone. <i>IEEE Transactions on Antennas and Propagation</i> , 2006 , 54, 2408-2410	4.9	11
298	Wideband monopole antenna integrated within the front-end module package. <i>IEEE Transactions on Antennas and Propagation</i> , 2006 , 54, 1888-1891	4.9	11
297	An inverted-L monopole antenna loaded with a meandered wire for GSM/DCS dual-band mobile phones. <i>Microwave and Optical Technology Letters</i> , 2002 , 33, 212-214	1.2	11
296	Dual-band plastic chip antenna for GSM/DCS mobile phones. <i>Microwave and Optical Technology Letters</i> , 2002 , 33, 330-332	1.2	11
295	Broadband circularly polarized inverted-L patch antenna. <i>Microwave and Optical Technology Letters</i> , 2003 , 38, 134-136	1.2	11
294	An inverted U-shaped patch antenna for compact operation. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 1647-1648	4.9	11
293	A compact wideband omnidirectional cross-plate monopole antenna. <i>Microwave and Optical Technology Letters</i> , 2005 , 44, 492-494	1.2	11
292	Internal cellular/WLAN combo antenna for laptop-computer applications. <i>Microwave and Optical Technology Letters</i> , 2005 , 47, 402-406	1.2	11
291	Single-feed dual-frequency triangular microstrip antenna with a V-shaped slot. <i>Microwave and Optical Technology Letters</i> , 1999 , 20, 133-134	1.2	11
290	Integration of monopole slot and monopole strip for internal WWAN handset antenna. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 1718-1723	1.2	10
289	WWAN ceramic chip antenna for mobile phone application. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 103-110	1.2	10
288	Hearing aid-compatible internal penta-band antenna for clamshell mobile phone. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 1408-1413	1.2	10
287	Study of the Bluetooth headset antenna with the user's head. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 19-23	1.2	10
286	Printed compact S-shaped monopole antenna with a perpendicular feed for penta-band mobile phone application. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 3172-3177	1.2	10
285	Multiband surface-mount chip antenna integrated with the speaker in the mobile phone. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 1126-1132	1.2	10

284	Internal multiband surface-mount monopole slot chip antenna for mobile phone application. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 1273-1279	1.2	10
283	Wideband EMC chip antenna for WLAN/WiMAX operation in the sliding mobile phone. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 1362-1366	1.2	10
282	Wideband antenna integrated in a system in package for WLAN/WiMAX operation in a mobile device. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 2048-2053	1.2	10
281	Internal GSM/DCS/PCS antenna for USB dongle application. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 2408-2412	1.2	10
280	A low-profile omnidirectional circularly polarized antenna for WLAN access point 2004 ,		10
279	Printed dual-band monopole antenna for 2.4/5.2 GHz WLAN access point. <i>Microwave and Optical Technology Letters</i> , 2002 , 35, 286-288	1.2	10
278	A folded metal-plate monopole antenna for multiband operation of a PDA phone. <i>Microwave and Optical Technology Letters</i> , 2003 , 39, 135-138	1.2	10
277	High-gain printed dipole antenna. <i>Microwave and Optical Technology Letters</i> , 2005 , 46, 214-218	1.2	10
276	A wideband stubby monopole antenna and a GPS antenna for WIMAX mobile phones with E911 function. <i>Microwave and Optical Technology Letters</i> , 2005 , 46, 485-487	1.2	10
275	An internal planar mobile-phone antenna with a vertical ground plane. <i>Microwave and Optical Technology Letters</i> , 2005 , 46, 597-599	1.2	10
274	A low-cost microstrip-line-fed shorted-patch antenna for a PCS base station. <i>Microwave and Optical Technology Letters</i> , 2001 , 29, 146-148	1.2	10
273	Dual-frequency operation of a coplanar waveguide-fed dual-slot loop antenna. <i>Microwave and Optical Technology Letters</i> , 2001 , 30, 38-40	1.2	10
272	A broadband slot-loaded trapezoid microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 2000 , 24, 16-19	1.2	10
271	A dual-polarization wideband circular patch antenna with hybrid feeds. <i>Microwave and Optical Technology Letters</i> , 2000 , 26, 37-39	1.2	10
270	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1995 , 43, 1607-1610	4.1	10
269	Input impedance of a probe-fed superstrate-loaded cylindrical-rectangular microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 1994 , 7, 232-236	1.2	10
268	Analysis of probe-fed spherical-circular microstrip antennas using cavity-model theory. <i>Microwave and Optical Technology Letters</i> , 1994 , 7, 309-312	1.2	10
267	Cross-polarization characteristics of a probe-fed spherical-circular microstrip patch antenna. <i>Microwave and Optical Technology Letters</i> , 1993 , 6, 705-710	1.2	10

266	. <i>IEEE Transactions on Plasma Science</i> , 1991 , 19, 1290-1291	1.3	10
265	Compact eight-antenna array in the smartphone for the 3.5-GHz LTE 8 B MIMO operation 2016 ,		10
264	Self-decoupled compact metal-frame LTE MIMO antennas for the smartphone. <i>Microwave and Optical Technology Letters</i> , 2018 , 60, 1170-1179	1.2	9
263	Very-low-profile dual-wideband tablet device antenna for LTE/WWAN operation. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 1938-1942	1.2	9
262	Low-profile multibranch monopole antenna with integrated matching circuit for Lte/Wwan/Wlan operation in the tablet computer. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 1662-1666	1.2	9
261	WWAN printed monopole slot antenna with a parallel-resonant slit for tablet computer application. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 40-45	1.2	9
260	10-antenna array in the smartphone for the 3.6-GHz MIMO operation 2015 ,		9
259	Internal WWAN/LTE handset antenna integrated with USB connector. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 1154-1159	1.2	9
258	Small-size WWAN tablet computer antenna with distributed and lumped parallel resonant circuits. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 1348-1353	1.2	9
257	On the isolation of two LTE700/2300/2500 antennas in the laptop computer. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 1370-1375	1.2	9
256	End-fed modified planar dipole antenna for DTV signal reception. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 676-680	1.2	9
255	High-gain broadband patch antenna with a cavity ground for 5-GHz WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2004 , 41, 397-399	1.2	9
254	An air-substrate narrow-patch microstrip antenna with high radiation performance for 2.4 GHz WLAN access point. <i>Microwave and Optical Technology Letters</i> , 2004 , 43, 189-192	1.2	9
253	A broadband low-profile cylindrical monopole antenna top loaded with a shorted cross patch. <i>Microwave and Optical Technology Letters</i> , 2002 , 32, 186-188	1.2	9
252	Planar monopole folded into a rectangular-disk-like structure as surface-mountable antenna for 2.4/5.2-GHz dual-band operation. <i>Microwave and Optical Technology Letters</i> , 2002 , 34, 166-169	1.2	9
251	Low-profile broadband printed quadrifilar helical antenna for broadcasting satellite application. <i>Microwave and Optical Technology Letters</i> , 2003 , 36, 134-136	1.2	9
250	Printed uni-planar dual-band monopole antenna. <i>Microwave and Optical Technology Letters</i> , 2003 , 37, 452-454	1.2	9
249	A foam-base surface-mountable shorted monopole antenna for WLAN application. <i>Microwave and Optical Technology Letters</i> , 2003 , 38, 501-503	1.2	9

248	Planar diversity-loop antenna for wireless pcmcia card. <i>Microwave and Optical Technology Letters</i> , 2003 , 39, 488-490	1.2	9
247	Integrated internal PIFA for UMTS operation of clamshell mobile phones. <i>Microwave and Optical Technology Letters</i> , 2005 , 46, 546-548	1.2	9
246	Broadband aperture-coupled shorted-patch antenna. <i>Microwave and Optical Technology Letters</i> , 2001 , 28, 306-307	1.2	9
245	Low-cost broadband circularly polarized probe-fed patch antenna for WLAN base station		9
244	A novel microstrip-line-fed printed semicircular slot antenna for broadband operation. <i>Microwave and Optical Technology Letters</i> , 2000 , 26, 237-239	1.2	9
243	Bandwidth enhancement of bow-tie microstrip antennas using integrated reactive loading. <i>Microwave and Optical Technology Letters</i> , 1999 , 22, 69-71	1.2	9
242	A modified equilateral-triangular-ring microstrip antenna for circular polarization. <i>Microwave and Optical Technology Letters</i> , 1999 , 23, 123-126	1.2	9
241	Analysis of a slot-coupled cylindrical-rectangular microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 1995 , 8, 251-253	1.2	9
240	. <i>IEEE Transactions on Antennas and Propagation</i> , 1993 , 41, 246-249	4.9	9
239	. <i>IEEE Transactions on Antennas and Propagation</i> , 1994 , 42, 260-264	4.9	9
238	Small-size triple-wideband LTE tablet device antenna with a wideband feed structure formed by integrated matching network. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 2507-2512	1.2	8
237	Coupled-fed shorted strip antenna with an inductively coupled branch strip for low-profile, small-size LTE/WWAN tablet computer antenna. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 1041-1046	1.2	8
236	Seven-band surface-mount loop antenna with a capacitively coupled feed for mobile phone application. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 81-88	1.2	8
235	Small-size microstrip-coupled printed PIFA for 2.4/5.2/5.8 GHz WLAN operation in the laptop computer. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 2072-2076	1.2	8
234	Bandwidth enhancement of small-size internal WWAN laptop computer antenna using a resonant open slot embedded in the ground plane. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 1137-1142	1.2	8
233	Ultra-wideband planar shorted dipole antenna with two C-shaped arms for wireless communications. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1132-1135	1.2	8
232	Wide-band omnidirectional square cylindrical metal-plate monopole antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 2758-2761	4.9	8
231	Compact dual-band circularly polarized antenna for GPS/ETC operation on vehicles. <i>Microwave and Optical Technology Letters</i> , 2004 , 40, 509-511	1.2	8

230	A broadband folded planar monopole antenna for mobile phones. <i>Microwave and Optical Technology Letters</i> , 2002 , 33, 165-167	1.2	8
229	Surface-mountable dual side-feed circularly polarized ceramic chip antenna. <i>Microwave and Optical Technology Letters</i> , 2002 , 35, 137-138	1.2	8
228	Printed monopole array antenna for WLAN operation in the 2.4/5.2/5.8 GHz bands. <i>Microwave and Optical Technology Letters</i> , 2003 , 37, 370-372	1.2	8
227	Internal wideband metal-plate antenna for laptop application. <i>Microwave and Optical Technology Letters</i> , 2005 , 46, 384-387	1.2	8
226	Compact Circularly Polarized Microstrip Antennas 162-220		8
225	Single-layer wideband probe-fed circularly polarized microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 2000 , 25, 74-76	1.2	8
224	Circularly-polarised disk-sector microstrip antenna. <i>Electronics Letters</i> , 1998 , 34, 2188	1.1	8
223	Coupled-fed inverted-F antenna using an inverted-F coupling feed for small-size LTE/WWAN tablet computer antenna. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 1296-1302	1.2	7
222	Wideband coupled-fed PIFA for HAC penta-band clamshell mobile phone. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 2369-2374	1.2	7
221	Simple small-size coupled-fed uniplanar PIFA for multiband clamshell mobile phone application. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 2805-2810	1.2	7
220	2.4/5.2/5.8 GHz WLAN antenna for the ultrabook computer with metal housing 2012 ,		7
219	Internal WWAN clamshell mobile phone antenna with reduced groundplane effects using a current trap 2009 ,		7
218	Bandwidth enhancement of circularly-polarised microstrip antenna using chip-resistor loading. <i>Electronics Letters</i> , 1997 , 33, 1749	1.1	7
217	EMC internal patch antenna integrated with a U-shaped shielding metal case for mobile device application. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 1157-1161	1.2	7
216	Broadband printed E-shaped monopole antenna for WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2004 , 41, 269-270	1.2	7
215	A broadband very-high-permittivity dielectric resonator antenna for WLAN application in the 5.2 GHz band. <i>Microwave and Optical Technology Letters</i> , 2002 , 32, 426-427	1.2	7
214	A low-cost surface-mount monopole antenna for GSM/DCS operation. <i>Microwave and Optical Technology Letters</i> , 2003 , 37, 2-4	1.2	7
213	High-gain omnidirectional printed collinear antenna. <i>Microwave and Optical Technology Letters</i> , 2005 , 44, 348-351	1.2	7

212	Broadband patch antenna edge-fed by a coplanar probe feed. <i>Microwave and Optical Technology Letters</i> , 2001 , 31, 287-289	1.2	7
211	A broadband low-profile cylindrical monopole antenna. <i>Microwave and Optical Technology Letters</i> , 2001 , 29, 77-79	1.2	7
210	Broadband circularly polarized microstrip antenna with a dual-perpendicular feed. <i>Microwave and Optical Technology Letters</i> , 2000 , 24, 420-422	1.2	7
209	Broadband dual-frequency V-shape patch antenna. <i>Microwave and Optical Technology Letters</i> , 2000 , 25, 121-123	1.2	7
208	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. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 886-892	1.2	7
207	Microstrip Antennas, Compact		7
206	Dual-feed U-slot antenna having low envelope correlation coefficients for the LTE MIMO operation in the metal-framed smartphone. <i>Microwave and Optical Technology Letters</i> , 2018 , 60, 295-302	1.2	6
205	Small-size wideband chip antenna for WWAN/LTE operation and close integration with nearby conducting elements in the mobile handset. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 1998-2004	1.2	6
204	Small-size wireless wide area network loop chip antenna for clamshell mobile phone with hearing-aid compatibility. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 2327-2335	1.2	6
203	High-isolation WLAN MIMO laptop computer antenna array 2012 ,		6
202	Small-size internal antenna for LTE/WWAN operation in the laptop computer 2010 ,		6
201	Quasistatic solutions of cylindrical coplanar waveguides. <i>Microwave and Optical Technology Letters</i> , 1997 , 14, 347-351	1.2	6
200	Reduced-size circular microstrip antenna with dual-frequency operation. <i>Microwave and Optical Technology Letters</i> , 1998 , 18, 54-56	1.2	6
199	Study of an L-shaped EMC chip antenna for UMTS operation in a PDA phone with the user's hand. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 1746-1749	1.2	6
198	Simplified hand model including the user's forearm for the study of internal GSM/DCS mobile phone antenna. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 2202-2205	1.2	6
197	Broadband circularly polarized printed-spiral-strip antenna for 5-GHz WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2004 , 41, 163-165	1.2	6
196	Ultra-wideband metal-plate monopole antenna for laptop application. <i>Microwave and Optical Technology Letters</i> , 2004 , 43, 384-386	1.2	6
195	Dual-band shorted patch antenna for dual ISM-band application. <i>Microwave and Optical Technology Letters</i> , 2002 , 32, 79-80	1.2	6

194	Very-low-profile bent planar monopole antenna for GSM/DCS dual-band mobile phone. <i>Microwave and Optical Technology Letters</i> , 2002 , 34, 406-409	1.2	6
193	Printed dual-band U-slotted monopole antenna for WLAN access point. <i>Microwave and Optical Technology Letters</i> , 2003 , 38, 436-438	1.2	6
192	A broadband probe-fed planar patch antenna with a short probe pin and a conducting cylinder transition. <i>Microwave and Optical Technology Letters</i> , 2001 , 31, 282-284	1.2	6
191	A dual-band rectangular microstrip antenna using a novel photonic bandgap ground plane of unequal orthogonal periods. <i>Microwave and Optical Technology Letters</i> , 2001 , 30, 280-283	1.2	6
190	A stacked circular microstrip antenna for dual-band conical-pattern radiation. <i>Microwave and Optical Technology Letters</i> , 2001 , 28, 202-204	1.2	6
189	Microstrip-line-fed broadband circular microstrip antenna with embedded reactive loading. <i>Microwave and Optical Technology Letters</i> , 1999 , 22, 200-202	1.2	6
188	Generalized transmission-line model for cylindrical-rectangular microstrip antennas. <i>Microwave and Optical Technology Letters</i> , 1994 , 7, 729-732	1.2	6
187	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1993 , 41, 1466-1468	4.1	6
186	Two-Port Same-Polarized Patch Antenna Based on Two Out-of-Phase TM ₁₀ Modes for Access-Point MIMO Antenna Application. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 572-576	3.8	6
185	Very-low-profile hybrid open-slot/closed-slot/inverted-F antenna for the LTE smartphone. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 1572-1577	1.2	6
184	Combined-type triple-wideband LTE tablet computer antenna. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 1262-1267	1.2	5
183	On-frame gap-coupled half-loop antenna with a narrow ground clearance for the LTE smartphone. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 2344-2351	1.2	5
182	Advanced 12×12 MIMO Antennas for Next Generation 5G Smartphones 2019 ,		5
181	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. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 361-366	1.2	5
180	Surface-mount WWAN monopole slot antenna for mobile handset. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 1890-1896	1.2	5
179	GSM850/900/1800/1900/UMTS coupled-fed planar $\sqrt{3}$ -PIFA for internal mobile phone antenna. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 1091-1096	1.2	5
178	Internal wireless wide area network clamshell mobile phone antenna with reduced ground plane effects. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 922-930	1.2	5
177	Six-band internal antenna for small-size mobile phone. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 2242-2247	1.2	5

176	Printed collinear two-antenna element for WLAN access points in a MIMO system. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 930-933	1.2	5
175	On-vehicle low-profile metal-plate antenna for AMPS/GSM/DCS/PCS/UMTS multiband operations. <i>Microwave and Optical Technology Letters</i> , 2004 , 41, 144-146	1.2	5
174	An internal metal-plate antenna for a folder-type mobile phone. <i>Microwave and Optical Technology Letters</i> , 2004 , 42, 294-296	1.2	5
173	Dual-frequency planar inverted-F antenna with a rolled radiating arm for GSM/DCS operation. <i>Microwave and Optical Technology Letters</i> , 2003 , 38, 25-27	1.2	5
172	A high-efficiency internal WLAN antenna for wireless devices operating in close proximity to a lossy medium. <i>Microwave and Optical Technology Letters</i> , 2005 , 47, 233-236	1.2	5
171	A compact circular patch antenna for conical-pattern radiation. <i>Microwave and Optical Technology Letters</i> , 2000 , 27, 425-427	1.2	5
170	Planar array composed of two linearly polarized dielectric resonator antennas for circular polarization. <i>Microwave and Optical Technology Letters</i> , 1999 , 21, 323-324	1.2	5
169	Single-layer single-patch broadband rectangular microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 1999 , 22, 234-236	1.2	5
168	A broadband active equilateral-triangular microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 1999 , 22, 387-389	1.2	5
167	A broadband circular microstrip antenna with two open-ring slots. <i>Microwave and Optical Technology Letters</i> , 1999 , 23, 205-207	1.2	5
166	Generalized transmission line model for cylindrical-circular microstrip antennas. <i>Microwave and Optical Technology Letters</i> , 1995 , 8, 63-66	1.2	5
165	Cavity-model analysis of a slot-coupled cylindrical-rectangular microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 1995 , 9, 124-127	1.2	5
164	Full-wave analysis of the effective relative permittivity of a coplanar waveguide printed inside a cylindrical substrate. <i>Microwave and Optical Technology Letters</i> , 1996 , 12, 94-97	1.2	5
163	Resonance in a spherical annular-ring microstrip structure. <i>Microwave and Optical Technology Letters</i> , 1993 , 6, 852-856	1.2	5
162	Wideband Four-Port Single-Patch Antenna Based on the Quasi-TM _{1/2,1/2} Mode for 5G MIMO Access-Point Application. <i>IEEE Access</i> , 2022 , 10, 9232-9240	3.5	5
161	5G/B5G Multi-Gbps Antennas for User Terminals and Their Throughput Verification 2020 ,		5
160	Hybrid loop/monopole antenna with a passive bandstop circuit for the LTE/GPS operation in the tablet computer. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 630-635	1.2	5
159	\$4 times 4\$ MIMO Performance of Two Conjoined Dual Wideband Antennas Including the Feedline Effects for 5G Smartphones 2019 ,		5

158	Compact LTE frame antenna with a narrow metal clearance and a radiating feed network for the metal-casing smartphone 2017 ,		4
157	Combined-type dual-wideband antenna for 2G/3G/4G tablet device. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 2799-2805	1.2	4
156	Small planar internal wireless wide area network tablet computer antenna. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 426-431	1.2	4
155	Small-size WWAN handset antenna disposed at a small notch in the system ground plane. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 2498-2503	1.2	4
154	WWAN/LTE Handset Antenna with Shaped Circuit Board, Battery, and Metal Midplate. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 2254-2261	1.2	4
153	A small-size penta-band WWAN antenna integrated with USB connector for mobile phone applications 2010 ,		4
152	Isolation improvement of WLAN internal laptop computer antennas using dual-band strip resonator 2009 ,		4
151	Single-feed small circular microstrip antenna with circular polarization. <i>Microwave and Optical Technology Letters</i> , 1998 , 18, 394-397	1.2	4
150	Broadband planar DTV antenna in the portable media player held by the user's hands. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1841-1844	1.2	4
149	Small-size surface-mountable circularly polarized ceramic-chip antenna for GPS application. <i>Microwave and Optical Technology Letters</i> , 2004 , 40, 300-302	1.2	4
148	Broadband low-profile cylindrical monopole antenna for 1800 MHz operation. <i>Microwave and Optical Technology Letters</i> , 2004 , 41, 39-40	1.2	4
147	Radiation pattern control for an on-ceiling omnidirectional monopole antenna. <i>Microwave and Optical Technology Letters</i> , 2004 , 41, 106-108	1.2	4
146	A low-profile, bent and shorted planar monopole antenna with reduced backward radiation for mobile phones. <i>Microwave and Optical Technology Letters</i> , 2002 , 33, 146-147	1.2	4
145	A dual-frequency triangular chip antenna for WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2003 , 38, 244-247	1.2	4
144	Planar-diversity folded-dipole antenna for 5-GHz WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2003 , 39, 368-370	1.2	4
143	An internal ultra-wideband metal-plate monopole antenna for UMTS/WLAN dual-mode mobile phone. <i>Microwave and Optical Technology Letters</i> , 2005 , 45, 265-268	1.2	4
142	Compact Broadband Microstrip Antennas45-86		4
141	Planar inverted-F antennas for GSM/DCS mobile phones and dual ISM-band applications		4

140	A wideband circular patch antenna. <i>Microwave and Optical Technology Letters</i> , 2000 , 25, 327-328	1.2	4
139	A wideband capacitively fed circular-E patch antenna. <i>Microwave and Optical Technology Letters</i> , 2000 , 27, 134-135	1.2	4
138	Compact broadband circularly polarized square microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 1999 , 21, 423-425	1.2	4
137	Mutual coupling computation of probe-fed circular microstrip antennas. <i>Microwave and Optical Technology Letters</i> , 1995 , 9, 100-102	1.2	4
136	Characterization of coupled cylindrical microstrip lines mounted inside a ground cylinder. <i>Microwave and Optical Technology Letters</i> , 1995 , 10, 330-333	1.2	4
135	A study of the transverse current contribution to the characteristics of a wide cylindrical microstrip line. <i>Microwave and Optical Technology Letters</i> , 1996 , 11, 339-342	1.2	4
134	Input impedance of inclined printed slot antennas and inclined-slot-coupled dielectric resonator antennas. <i>Microwave and Optical Technology Letters</i> , 1996 , 12, 47-50	1.2	4
133	Full-wave analysis of mutual coupling between cylindrical-rectangular microstrip antennas. <i>Microwave and Optical Technology Letters</i> , 1994 , 7, 419-421	1.2	4
132	Full-wave analysis of input impedance and patch current distribution of spherical annular-ring microstrip antennas excited by a probe feed. <i>Microwave and Optical Technology Letters</i> , 1994 , 7, 524-528 ^{1.2}	1.2	4
131	Low-Profile Wideband Four-Corner-Fed Square Patch Antenna for 5G MIMO Mobile Antenna Application. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	4
130	Small-size two-branch monopole antenna with integrated wideband matching network for LTE tablet computer. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 507-513	1.2	3
129	Printed dual-feed triangular patch antenna disposed in a small notch in the handheld device system ground plane for LTE/WWAN operation. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 2767-2773 ^{1.2}	1.2	3
128	Body SAR study of the planar WWAN monopole slot antenna for tablet device application. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 1721-1727	1.2	3
127	Simple printed monopole slot antenna for WWAN mobile handset 2011 ,		3
126	Curvature effects on the radiation patterns of cylindrical microstrip arrays. <i>Microwave and Optical Technology Letters</i> , 1998 , 18, 206-209	1.2	3
125	Broadband circularly polarized microstrip antenna with a chip-resistor loading. <i>Microwave and Optical Technology Letters</i> , 1998 , 19, 34-36	1.2	3
124	Dual-frequency equilateral-triangular microstrip antenna with a slit. <i>Microwave and Optical Technology Letters</i> , 1998 , 19, 348-350	1.2	3
123	EMC internal GSM/DCS patch antenna for thin PDA phone application. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 403-408	1.2	3

122	Isolation between internal UMTS and WLAN antennas for a dual-mode wireless device. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 2001-2008	1.2	3
121	Simplified hand model for the study of hand-held device antenna 2006 ,		3
120	Quad-band internal monopole mobile-phone antenna. <i>Microwave and Optical Technology Letters</i> , 2004 , 40, 359-361	1.2	3
119	Experimental study of a top-loaded cylindrical monopole antenna with a truncated-conical ground plane. <i>Microwave and Optical Technology Letters</i> , 2004 , 43, 245-247	1.2	3
118	A shorted patch antenna with an l-shaped ground plane for internal mobile handset antennas. <i>Microwave and Optical Technology Letters</i> , 2002 , 33, 314-316	1.2	3
117	Compact dual-frequency PIFA with a chip-inductor-loaded rectangular spiral strip. <i>Microwave and Optical Technology Letters</i> , 2002 , 33, 394-397	1.2	3
116	PIFA-monopole internal mobile phone antenna for GSM/DCS/PCS triple-band operations. <i>Microwave and Optical Technology Letters</i> , 2002 , 35, 217-219	1.2	3
115	A low-cost surface-mount monopole antenna for 2.4/5.2/5.8-GHz band operation. <i>Microwave and Optical Technology Letters</i> , 2003 , 36, 487-489	1.2	3
114	Broadband omnidirectional U-shaped metal-plate monopole antenna. <i>Microwave and Optical Technology Letters</i> , 2005 , 44, 365-369	1.2	3
113	A planar inverted-L patch antenna for 2.4/5.2 GHz dual-band operation. <i>Microwave and Optical Technology Letters</i> , 2001 , 31, 394-396	1.2	3
112	Two integrated stacked shorted patch antennas for DCS/WLAN dual-band operations. <i>Microwave and Optical Technology Letters</i> , 2001 , 30, 134-136	1.2	3
111	Effects of slotted and photonic bandgap ground planes on the characteristics of an air-substrate annular-ring patch antenna in the TM ₂₁ mode. <i>Microwave and Optical Technology Letters</i> , 2001 , 31, 1-3	1.2	3
110	Broadband Microstrip Antennas 232-278		3
109	Printed inverted-F antennas for applications in wireless communication		3
108	Dual-polarized monopole antenna for WLAN application		3
107	Crosspolarisation characteristics of cylindrical triangular microstrip antennas. <i>Electronics Letters</i> , 1998 , 34, 6	1.1	3
106	Quasistatic solution of a cylindrical microstrip line mounted inside a ground cylinder. <i>Microwave and Optical Technology Letters</i> , 1995 , 8, 136-138	1.2	3
105	Analysis of slot-coupled double-sided cylindrical microstrip lines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1996 , 44, 1167-1170	4.1	3

104	Measured input impedance and mutual coupling of rectangular microstrip antennas on a cylindrical surface. <i>Microwave and Optical Technology Letters</i> , 1996 , 11, 49-50	1.2	3
103	Analysis of spherical annular ring microstrip structures with an air gap. <i>Microwave and Optical Technology Letters</i> , 1994 , 7, 205-207	1.2	3
102	Resonant frequency of a slot-coupled cylindrical-rectangular microstrip structure. <i>Microwave and Optical Technology Letters</i> , 1994 , 7, 566-570	1.2	3
101	On-frame dual-loop antenna with narrow ground clearance for the 2.4/5.2/5.8-GHz WLAN operation in the smartphone. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 1480-1485	1.2	3
100	One LTE LB and two conjoined LTE M/HB MIMO antennas with a compact symmetric frame structure at the short edge of the metal-framed smartphone. <i>Microwave and Optical Technology Letters</i> , 2019 , 61, 1358-1364	1.2	3
99	Compact dual-antenna with E-shape grounded strip for enhanced bandwidth and decreased coupling for LTE tablet computer application. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 104-111	1.2	2
98	GPS/WLAN open-slot antenna with a sticker-like feed substrate for the metal-casing smartphone. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 1226-1232	1.2	2
97	Internal small-size PIFA for LTE/GSM/UMTS operation in the mobile phone 2010 ,		2
96	Penta-band one-eighth wavelength PIFA for internal mobile phone antenna. <i>Digest / IEEE Antennas and Propagation Society International Symposium</i> , 2009 ,		2
95	Penta-band WWAN handset antenna embedded in a small notch in the system ground plane 2012 ,		2
94	Design of GPS microstrip antenna using nearly square patch		2
93	Compact broadband triangular microstrip antenna with an inset microstrip-line feed. <i>Microwave and Optical Technology Letters</i> , 1998 , 17, 169-170	1.2	2
92	Simple design formula of a slot-coupled directional coupler between double-sided microstrip lines. <i>Microwave and Optical Technology Letters</i> , 1998 , 17, 325-328	1.2	2
91	Characteristics of a 2 \times triangular microstrip subarray. <i>Microwave and Optical Technology Letters</i> , 1998 , 19, 221-225	1.2	2
90	Integrated printed antenna for DTV signal reception in the portable media player 2007 ,		2
89	Dual-frequency circularly-polarized microstrip antenna with switchable polarization sense. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 2125-2128	1.2	2
88	Internal monopole antenna integrated with a shielding metal case for UMTS mobile devices. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 162-165	1.2	2
87	Compact shorted patch antenna mounted above the system ground plane of a wireless device for WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 474-476	1.2	2

86	Printed folded slot antenna for internal multiband mobile phone antenna 2007 ,		2
85	Planar inverted-F antenna with a hollow shorting cylinder for internal mobile phone antenna 2004 ,		2
84	Dual-band printed diversity dipole antenna for WLAN access point. <i>Microwave and Optical Technology Letters</i> , 2003 , 36, 254-257	1.2	2
83	Circularly polarized microstrip antenna with a rectangular ground plane. <i>Microwave and Optical Technology Letters</i> , 2003 , 37, 93-95	1.2	2
82	PIFA with a bent, meandered radiating arm for GSM/DCS dual-band operation		2
81	Printed short-circuited wideband monopole antenna with band-notched operation. <i>Microwave and Optical Technology Letters</i> , 2005 , 46, 58-61	1.2	2
80	Compact Dual-Frequency and Dual-Polarized Microstrip Antennas 87-161		2
79	Compact PIFA for GSM/DCS/PCS triple-band mobile phone		2
78	A microstrip antenna with three-dimensional CPW feed. <i>Microwave and Optical Technology Letters</i> , 2000 , 24, 281-283	1.2	2
77	Harmonic control of a square microstrip antenna operated at the 1.8 GHz band		2
76	Broadband equilateral-triangular microstrip antenna with asymmetric bent slots and integrated reactive loading. <i>Microwave and Optical Technology Letters</i> , 1999 , 23, 149-151	1.2	2
75	Analysis of a microstrip-line-fed radiating slot on a cylindrical surface. <i>Microwave and Optical Technology Letters</i> , 1995 , 8, 193-196	1.2	2
74	Characterization of cylindrical microstrip gap discontinuities. <i>Microwave and Optical Technology Letters</i> , 1995 , 9, 260-263	1.2	2
73	Input impedance of a slot-coupled multilayered hemispherical dielectric resonator antenna		2
72	Input impedance calculation of cylindrical rectangular microstrip antenna using GTLM theory		2
71	Input impedance of a slot-coupled cylindrical-circular microstrip patch antenna. <i>Microwave and Optical Technology Letters</i> , 1996 , 11, 21-24	1.2	2
70	Resonance frequency of a superstrate-loaded annular-ring microstrip structure on a spherical body. <i>Microwave and Optical Technology Letters</i> , 1994 , 7, 364-367	1.2	2
69	Analysis of dielectric-covered radiating slots in the ground plane of a microstrip line. <i>Microwave and Optical Technology Letters</i> , 1994 , 7, 714-717	1.2	2

68	Cross-polarization characteristics of rectangular microstrip patch antennas on a cylindrical surface. <i>Microwave and Optical Technology Letters</i> , 1993 , 6, 911-914	1.2	2
67	. <i>IEEE Transactions on Antennas and Propagation</i> , 1991 , 39, 811-814	4.9	2
66	Wideband Three-Port Equilateral Triangular Patch Antenna Generating Three Uncorrelated Waves for 5G MIMO Access Points. <i>IEEE Access</i> , 2022 , 10, 893-899	3.5	2
65	Highly-Integrated Dual-Band mmWave Antenna Array for 5G Mobile Phone Application 2020 ,		2
64	Triple-wideband inverted-F frame antenna for the LTE metal-casing smartphone 2017 ,		1
63	Side-edge LTE antenna with a narrow ground clearance for the smartphone 2016 ,		1
62	Inverted-F antenna-based on-frame GPS/WLAN antenna for the metal-casing tablet computer 2016 ,		1
61	4G/Multiband handheld device ground antennas 2013 ,		1
60	Internal cellular handset antenna with a curved metal pattern for decreased near-field radiation. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 1927-1932	1.2	1
59	2010 ,		1
58	Erratum to "Uniplanar Printed Coupled-Fed PIFA With a Band-Notching Slit for WLAN/WiMAX Operation in the Laptop Computer Uniplanar Printed Coupled-Fed PIFA With a Band-Notching Slit". <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 1587-1587	4.9	1
57	Resonance in a cylindrical-triangular microstrip structure. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1997 , 45, 1270-1272	4.1	1
56	Resonance and radiation of cylindrical triangular microstrip antennas		1
55	Characteristics of a cylindrical triangular microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 1997 , 15, 49-52	1.2	1
54	Experimental study of a two-element dual-frequency microstrip array. <i>Microwave and Optical Technology Letters</i> , 1997 , 15, 67-68	1.2	1
53	A small-size internal dual-band metal-strip antenna for 2.4/5 GHz WLAN operation in the laptop computer 2008 ,		1
52	Integrated internal patch antenna for UMTS mobile phone application. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 349-351	1.2	1
51	Internal GSM/DCS patch antenna mounted above the system ground plane of the PDA phone. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 2002-2006	1.2	1

50	Internal patch antenna with an inset shielding metal case for mobile-device application. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 220-222	1.2	1
49	Broadband coaxial antenna for WiMAX access-point application. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 641-644	1.2	1
48	Internal UMTS patch antenna for a sliding mobile phone. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 726-729	1.2	1
47	Wideband printed monopole antenna integrated in a system in package. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 2113-2117	1.2	1
46	User hand effects on EMC internal GSM/DCS mobile phone antenna 2006 ,		1
45	Conformal bluetooth antenna for the watch-type wireless communication device application 2007 ,		1
44	Compact printed band-notched ultra-wideband slot antenna		1
43	Metal-plate 1 λ array antenna for 5.2 λ .8 GHz WLAN operation. <i>Electronics Letters</i> , 2003 , 39, 827	1.1	1
42	On-vehicle low-profile metal-plate antenna for 900-MHz operation. <i>Microwave and Optical Technology Letters</i> , 2004 , 40, 79-80	1.2	1
41	A patch antenna with a wide horizontal radiation pattern for WLAN access point. <i>Microwave and Optical Technology Letters</i> , 2004 , 42, 161-164	1.2	1
40	Low-profile broadband printed VHF monopole antenna for vehicular applications. <i>Microwave and Optical Technology Letters</i> , 2004 , 42, 349-450	1.2	1
39	Broadband dual-frequency coplanar probe-fed patch antenna for GSM/DCS/PCS base stations. <i>Microwave and Optical Technology Letters</i> , 2002 , 33, 370-372	1.2	1
38	5-GHz compact two-element metal-plate antenna for WLAN operation. <i>Microwave and Optical Technology Letters</i> , 2003 , 39, 246-249	1.2	1
37	Compact L-strip capacitively coupled patch antenna with a folded radiating patch for a DCS base station. <i>Microwave and Optical Technology Letters</i> , 2001 , 31, 60-62	1.2	1
36	Effects of slotted and photonic bandgap ground planes on the characteristics of an air-substrate annular-ring patch antenna at TM/sub 21/ mode		1
35	Broadband dual-polarized patch antennas with hybrid feeds for 1800-MHz band operation		1
34	A novel dual-band planar inverted-F antenna for the mobile phone application		1
33	Integrated rectangular spiral monopole antenna for 2.4/5.2 GHz dual-band operation		1

32	Compact Microstrip Antennas22-44		1
31	Broadband and Dual-Band Circularly Polarized Microstrip Antennas294-324		1
30	Mutual coupling between two coplanar waveguide-fed circular disk dielectric resonator antennas. <i>Microwave and Optical Technology Letters</i> , 2000 , 27, 233-235	1.2	1
29	A broadband planar patch antenna fed by a short probe feed		1
28	Single-feed annular-ring-sector microstrip antenna for circular polarization. <i>Microwave and Optical Technology Letters</i> , 1999 , 22, 7-10	1.2	1
27	Mutual coupling computation of cylindrical-rectangular microstrip antennas using cavity-model theory. <i>Microwave and Optical Technology Letters</i> , 1995 , 9, 323-326	1.2	1
26	Curvature effect on the mutual coupling of circular microstrip antennas. <i>Microwave and Optical Technology Letters</i> , 1995 , 10, 39-41	1.2	1
25	Analysis of microstrip open-end and gap discontinuities on a cylindrical body		1
24	Input impedance and mutual coupling of probe-fed cylindrical-circular microstrip patch antennas. <i>Microwave and Optical Technology Letters</i> , 1996 , 11, 260-263	1.2	1
23	Cross-polarization characteristics of spherical annular-ring microstrip antennas. <i>Microwave and Optical Technology Letters</i> , 1994 , 7, 616-619	1.2	1
22	Effects of superstrate loading on the mutual coupling between rectangular microstrip antennas. <i>Microwave and Optical Technology Letters</i> , 1994 , 7, 865-868	1.2	1
21	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1994 , 42, 1097-1100	4.1	1
20	Novel metal-plate antenna for WLAN application. <i>Microwave and Optical Technology Letters</i> , 2003 , 38, 291-293	1.2	0
19	Wideband omnidirectional square-cylindrical monopole antenna. <i>Microwave and Optical Technology Letters</i> , 2005 , 45, 419-421	1.2	0
18	Broadband double-cavity internal planar antenna for mobile phones. <i>Microwave and Optical Technology Letters</i> , 2005 , 46, 125-128	1.2	0
17	Broadband Dual-Frequency and Dual-Polarized Microstrip Antennas279-293		0
16	Experimental studies of an inverted V-shaped patch antenna. <i>Microwave and Optical Technology Letters</i> , 2000 , 25, 426-429	1.2	0
15	Characteristics of slot-coupled double-sided microstrip lines with various coupling slots. <i>Microwave and Optical Technology Letters</i> , 1996 , 13, 227-229	1.2	0

- | | | | |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|
| 14 | Broadband cylindrical-rectangular microstrip antennas using gap-coupled parasitic patches. <i>Microwave and Optical Technology Letters</i> , 1994 , 7, 699-701 | 1.2 | 0 |
| 13 | Conjoined Yet Decoupled Wideband Multiantenna MIMO Linear Patch Array. <i>IEEE Access</i> , 2022 , 10, 46303-46310 | 1.2 | 0 |
| 12 | Internal WWAN antenna for the clamshell mobile phone with various chassis shapes. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 2148-2154 | 1.2 | |
| 11 | Mutual coupling between triangular microstrip antennas on a cylindrical body. <i>Electronics Letters</i> , 1997 , 33, 1005 | 1.1 | |
| 10 | Slot-coupled small triangular microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 1997 , 16, 371-374 | 1.2 | |
| 9 | A compact dual-polarized patch antenna for 1800 MHz band operation. <i>Microwave and Optical Technology Letters</i> , 2001 , 29, 1-2 | 1.2 | |
| 8 | Compact Microstrip Antennas with Enhanced Gain | 2.2 | 1-231 |
| 7 | Input impedance and radiation pattern of a probe-fed cylindrical annular-ring microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 1995 , 8, 152-156 | 1.2 | |
| 6 | Full-wave analysis of microstrip Yagi array antennas. <i>Microwave and Optical Technology Letters</i> , 1995 , 8, 287-291 | 1.2 | |
| 5 | Input impedance of a slot-coupled circular microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 1995 , 9, 27-29 | 1.2 | |
| 4 | Effects of a finite ground plane on the mutual coupling between rectangular microstrip antennas. <i>Microwave and Optical Technology Letters</i> , 1996 , 11, 201-202 | 1.2 | |
| 3 | Studies of slot-coupled double-sided perpendicular microstrip lines. <i>Microwave and Optical Technology Letters</i> , 1996 , 12, 346-349 | 1.2 | |
| 2 | Effects of electromagnetic interference for electromagnetic pulses incident on microstrip circuits. <i>IEE Proceedings H: Microwaves, Antennas and Propagation</i> , 1990 , 137, 75 | | |
| 1 | Multiband and Wideband Patch Antennas | 2004 | 329-346 |