

# Kin-Lu Wong

## List of Publications by Year in Descending Order

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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	Wideband Four-Port Single-Patch Antenna Based on the Quasi-TM <sub>1/2,1/2</sub> Mode for 5G MIMO Access-Point Application. <i>IEEE Access</i> , <b>2022</b> , 10, 9232-9240	3.5	5
606	Wideband Three-Port Equilateral Triangular Patch Antenna Generating Three Uncorrelated Waves for 5G MIMO Access Points. <i>IEEE Access</i> , <b>2022</b> , 10, 893-899	3.5	2
605	Conjoined Yet Decoupled Wideband Multiantenna MIMO Linear Patch Array. <i>IEEE Access</i> , <b>2022</b> , 10, 46303-46310	3.5	10
604	Low-Profile Wideband Four-Corner-Fed Square Patch Antenna for 5G MIMO Mobile Antenna Application. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 1-1	3.8	4
603	Two-Port Same-Polarized Patch Antenna Based on Two Out-of-Phase TM <sub>10</sub> Modes for Access-Point MIMO Antenna Application. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 20, 572-576	3.8	6
602	Integrated Four Low-Profile Shorted Patch Dual-Band WLAN MIMO Antennas for Mobile Device Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 3566-3571	4.9	12
601	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> , <b>2021</b> , 69, 2946-2951	4.9	16
600	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> , <b>2020</b> , 19, 393-397	3.8	24
599	5G/B5G Multi-Gbps Antennas for User Terminals and Their Throughput Verification <b>2020</b> ,		5
598	Low-Profile Wideband Conjoined Open-Slot Antennas Fed by Grounded Coplanar Waveguides for 4x4, 5x5 G MIMO Operation. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 2646-2657	4.9	21
597	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> , <b>2020</b> , 19, 213-217	3.8	16
596	Highly-Integrated Dual-Band mmWave Antenna Array for 5G Mobile Phone Application <b>2020</b> ,		2
595	. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2019</b> , 18, 2184-2188	3.8	15
594	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> , <b>2019</b> , 61, 1958-1963	1.2	14
593	Advanced 12x2 MIMO Antennas for Next Generation 5G Smartphones <b>2019</b> ,		5
592	4x4 MIMO Performance of Two Conjoined Dual Wideband Antennas Including the Feedline Effects for 5G Smartphones <b>2019</b> ,		5
591	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> , <b>2019</b> , 61, 1358-1364	1.2	3

590	High-isolation conjoined loop multi-input multi-output antennas for the fifth-generation tablet device. <i>Microwave and Optical Technology Letters</i> , <b>2019</b> , 61, 111-119	1.2	32
589	Self-decoupled compact metal-frame LTE MIMO antennas for the smartphone. <i>Microwave and Optical Technology Letters</i> , <b>2018</b> , 60, 1170-1179	1.2	9
588	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> , <b>2018</b> , 60, 295-302	1.2	6
587	Conceptual design and implementation of a four-element MIMO antenna system packaged within a metallic handset. <i>Microwave and Optical Technology Letters</i> , <b>2018</b> , 60, 436-444	1.2	12
586	Integrated Inverted-F and Open-Slot Antennas in the Metal-Framed Smartphone for $2 \times 2$ LTE LB and $4 \times 4$ LTE M/HB MIMO Operations. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 5004-5012	4.9	39
585	Integrated triple-wideband triple-inverted-F antenna covering 617/60/1710/690/3300/200 MHz for 4G/5G communications in the smartphone. <i>Microwave and Optical Technology Letters</i> , <b>2018</b> , 60, 2091-2096	1.2	12
584	Experimental results of the multi-Gbps smartphone with 20 multi-input multi-output (MIMO) antennas in the $20 \times 2$ MIMO operation. <i>Microwave and Optical Technology Letters</i> , <b>2018</b> , 60, 2001-2010	1.2	21
583	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> , <b>2017</b> , 65, 1765-1778	4.9	166
582	Triple-wideband inverted-F frame antenna for the LTE metal-casing smartphone <b>2017</b> ,		1
581	Compact LTE frame antenna with a narrow metal clearance and a radiating feed network for the metal-casing smartphone <b>2017</b> ,		4
580	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> , <b>2017</b> , 59, 2715-2721	1.2	56
579	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> , <b>2017</b> , 59, 2235-2241	1.2	13
578	Half-Loop Frame Antenna for the LTE Metal-Casing Tablet Device. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 71-81	4.9	30
577	On-frame gap-coupled half-loop antenna with a narrow ground clearance for the LTE smartphone. <i>Microwave and Optical Technology Letters</i> , <b>2016</b> , 58, 2344-2351	1.2	5
576	Four LTE low-band smartphone antennas and their MIMO performance with user's hand presence. <i>Microwave and Optical Technology Letters</i> , <b>2016</b> , 58, 2046-2052	1.2	21
575	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> , <b>2016</b> , 58, 2853-2858	1.2	15
574	Side-edge LTE antenna with a narrow ground clearance for the smartphone <b>2016</b> ,		1
573	Inverted-F antenna-based on-frame GPS/WLAN antenna for the metal-casing tablet computer <b>2016</b> ,		1

572	GPS/WLAN open-slot antenna with a sticker-like feed substrate for the metal-casing smartphone. <i>Microwave and Optical Technology Letters</i> , <b>2016</b> , 58, 1226-1232	1.2	2
571	4G/5G Multiple Antennas for Future Multi-Mode Smartphone Applications. <i>IEEE Access</i> , <b>2016</b> , 4, 2981-2988	3.9	215
570	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 53-60	4.9	33
569	Reconfigurable narrow-frame antenna for LTE/WWAN metal-rimmed smartphone applications. <i>IET Microwaves, Antennas and Propagation</i> , <b>2016</b> , 10, 1092-1100	1.6	34
568	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> , <b>2016</b> , 58, 630-635	1.2	5
567	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> , <b>2016</b> , 58, 1480-1485	1.2	3
566	Very-low-profile hybrid open-slot/closed-slot/inverted-F antenna for the LTE smartphone. <i>Microwave and Optical Technology Letters</i> , <b>2016</b> , 58, 1572-1577	1.2	6
565	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> , <b>2016</b> , 58, 886-892	1.2	7
564	Compact eight-antenna array in the smartphone for the 3.5-GHz LTE 8 × 8 MIMO operation <b>2016</b> ,		10
563	Compact eight MIMO antennas for 5G smartphones and their MIMO capacity verification <b>2016</b> ,		12
562	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> , <b>2016</b> , 58, 174-181	1.2	147
561	Small-size two-branch monopole antenna with integrated wideband matching network for LTE tablet computer. <i>Microwave and Optical Technology Letters</i> , <b>2015</b> , 57, 507-513	1.2	3
560	Low-profile dual-wideband dual-inverted-L open-slot antenna for the LTE/WWAN tablet device. <i>Microwave and Optical Technology Letters</i> , <b>2015</b> , 57, 1813-1818	1.2	12
559	3.6-GHz 10-antenna array for mimo operation in the smartphone. <i>Microwave and Optical Technology Letters</i> , <b>2015</b> , 57, 1699-1704	1.2	103
558	Combined-type triple-wideband LTE tablet computer antenna. <i>Microwave and Optical Technology Letters</i> , <b>2015</b> , 57, 1262-1267	1.2	5
557	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> , <b>2015</b> , 57, 853-860	1.2	17
556	Dual-wideband linear open slot antenna with two open ends for the LTE/WWAN smartphone. <i>Microwave and Optical Technology Letters</i> , <b>2015</b> , 57, 1269-1274	1.2	26
555	Small-Size Hybrid Loop/Open-Slot Antenna for the LTE Smartphone. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2015</b> , 63, 5837-5841	4.9	36

554	Compact dual-antenna with Eshape grounded strip for enhanced bandwidth and decreased coupling for LTE tablet computer application. <i>Microwave and Optical Technology Letters</i> , <b>2015</b> , 57, 104-111	1.2	11	2
553	Very-low-profile dual-wideband loop antenna for LTE tablet computer. <i>Microwave and Optical Technology Letters</i> , <b>2015</b> , 57, 141-146	1.2		18
552	10-antenna array in the smartphone for the 3.6-GHz MIMO operation <b>2015</b> ,			9
551	16-Antenna array in the smartphone for the 3.5-GHz MIMO operation <b>2015</b> ,			16
550	Hybrid dual-antenna for the 3.6-GHz LTE operation in the tablet computer. <i>Microwave and Optical Technology Letters</i> , <b>2015</b> , 57, 2592-2598	1.2		19
549	Dual-wideband U-shape open-slot antenna for the lte metal-framed tablet computer. <i>Microwave and Optical Technology Letters</i> , <b>2015</b> , 57, 2677-2683	1.2		14
548	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> , <b>2015</b> , 57, 2189-2194	1.2		16
547	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> , <b>2015</b> , 57, 2231-2238	1.2		19
546	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> , <b>2015</b> , 63, 2879-2886	4.9		39
545	Triple-Wideband Open-Slot Antenna for the LTE Metal-Framed Tablet device. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2015</b> , 63, 5966-5971	4.9		25
544	Passive Reconfigurable Triple-Wideband Antenna for LTE Tablet Computer. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2015</b> , 63, 901-908	4.9		40
543	Combined-type dual-wideband antenna for 2G/3G/4G tablet device. <i>Microwave and Optical Technology Letters</i> , <b>2014</b> , 56, 2799-2805	1.2		4
542	Very-low-profile dual-wideband tablet device antenna for LTE/WWAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2014</b> , 56, 1938-1942	1.2		9
541	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> , <b>2014</b> , 56, 2507-2512	1.2		8
540	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> , <b>2014</b> , 56, 1296-1302	1.2		7
539	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> , <b>2014</b> , 62, 3962-3969	4.9		35
538	Small-Size LTE/WWAN Tablet Device Antenna With Two Hybrid Feeds. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2014</b> , 62, 2926-2934	4.9		45
537	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> , <b>2014</b> , 56, 1662-1666	1.2		9

536	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> , <b>2014</b> , 56, 1041-1046	1.2	8
535	Small-Size Planar LTE/WWAN Antenna and Antenna Array Formed by the Same for Tablet Computer Application. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 1928-1934	1.2	24
534	4G/Multiband handheld device ground antennas <b>2013</b> ,		1
533	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> , <b>2013</b> , 61, 6144-6151	4.9	66
532	WWAN printed monopole slot antenna with a parallel-resonant slit for tablet computer application. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 40-45	1.2	9
531	High-isolation 2.4/5.2/5.8 GHz WLAN MIMO antenna array for laptop computer application. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 382-387	1.2	20
530	Small-Size Uniplanar WWAN Tablet Computer Antenna Using a Parallel-Resonant Strip for Bandwidth Enhancement. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2013</b> , 61, 492-496	4.9	28
529	Decoupled WWAN/LTE antennas with an isolation ring strip embedded therebetween for smartphone application. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 1470-1476	1.2	20
528	WWAN/LTE Handset Antenna with Shaped Circuit Board, Battery, and Metal Midplate. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 2254-2261	1.2	4
527	Dual-feed small-size LTE/WWAN strip monopole antenna for tablet computer applications. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 2571-2576	1.2	14
526	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> , <b>2013</b> , 55, 2767-2773	1.2	3
525	On the isolation of two LTE700/2300/2500 antennas in the laptop computer. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 1370-1375	1.2	9
524	Small-Size Triple-Wideband LTE/WWAN Tablet Device Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2013</b> , 12, 1516-1519	3.8	29
523	Small-size multiband planar antenna for LTE700/2300/2500 operation in the tablet computer. <i>Microwave and Optical Technology Letters</i> , <b>2012</b> , 54, 81-86	1.2	13
522	WWAN/LTE printed slot antenna for tablet computer application. <i>Microwave and Optical Technology Letters</i> , <b>2012</b> , 54, 44-49	1.2	29
521	Small planar internal wireless wide area network tablet computer antenna. <i>Microwave and Optical Technology Letters</i> , <b>2012</b> , 54, 426-431	1.2	4
520	Bandwidth enhancement of WWAN/LTE tablet computer antenna using embedded parallel resonant circuit. <i>Microwave and Optical Technology Letters</i> , <b>2012</b> , 54, 305-309	1.2	19
519	Bandwidth Enhancement of Small-Size Planar Tablet Computer Antenna Using a Parallel-Resonant Spiral Slit. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2012</b> , 60, 1705-1711	4.9	42

518	Small-size WWAN handset antenna disposed at a small notch in the system ground plane. <i>Microwave and Optical Technology Letters</i> , <b>2012</b> , 54, 2498-2503	1.2	4
517	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> , <b>2012</b> , 54, 599-605	1.2	13
516	Low-profile, small-size, wireless wide area network handset antenna close integration with surrounding ground plane. <i>Microwave and Optical Technology Letters</i> , <b>2012</b> , 54, 623-629	1.2	11
515	Small-size WWAN monopole slot antenna with dual-band band-stop matching circuit for tablet computer application. <i>Microwave and Optical Technology Letters</i> , <b>2012</b> , 54, 875-879	1.2	13
514	Small-size LTE/WWAN coupled-fed loop antenna with band-stop matching circuit for tablet computer. <i>Microwave and Optical Technology Letters</i> , <b>2012</b> , 54, 1189-1193	1.2	17
513	Internal WWAN/LTE handset antenna integrated with USB connector. <i>Microwave and Optical Technology Letters</i> , <b>2012</b> , 54, 1154-1159	1.2	9
512	Small-size WWAN tablet computer antenna with distributed and lumped parallel resonant circuits. <i>Microwave and Optical Technology Letters</i> , <b>2012</b> , 54, 1348-1353	1.2	9
511	Integration of monopole slot and monopole strip for internal WWAN handset antenna. <i>Microwave and Optical Technology Letters</i> , <b>2012</b> , 54, 1718-1723	1.2	10
510	Internal cellular handset antenna with a curved metal pattern for decreased near-field radiation. <i>Microwave and Optical Technology Letters</i> , <b>2012</b> , 54, 1927-1932	1.2	1
509	Penta-band WWAN handset antenna embedded in a small notch in the system ground plane <b>2012</b> ,		2
508	High-isolation WLAN MIMO laptop computer antenna array <b>2012</b> ,		6
507	2.4/5.2/5.8 GHz WLAN antenna for the ultrabook computer with metal housing <b>2012</b> ,		7
506	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2011</b> , 59, 751-757	4.9	73
505	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> , <b>2011</b> , 59, 674-679	4.9	33
504	Internal Coupled-Fed Dual-Loop Antenna Integrated With a USB Connector for WWAN/LTE Mobile Handset. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2011</b> , 59, 4215-4221	4.9	51
503	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> , <b>2011</b> , 53, 361-366	1.2	5
502	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> , <b>2011</b> , 53, 706-712	1.2	24
501	Hearing aid-compatible internal LTE/WWAN bar-type mobile phone antenna. <i>Microwave and Optical Technology Letters</i> , <b>2011</b> , 53, 774-781	1.2	12

500	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> , <b>2011</b> , 53, 952-958	1.2	17
499	On-board small-size printed LTE/WWAN mobile handset antenna closely integrated with system ground plane. <i>Microwave and Optical Technology Letters</i> , <b>2011</b> , 53, 1336-1343	1.2	20
498	Wideband monopole antenna coupled with a chip-inductor-loaded shorted strip for LTE/WWAN mobile handset. <i>Microwave and Optical Technology Letters</i> , <b>2011</b> , 53, 1293-1298	1.2	14
497	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> , <b>2011</b> , 53, 1217-1222	1.2	11
496	Simple printed monopole slot antenna for penta-band wireless wide area network operation in the mobile handset. <i>Microwave and Optical Technology Letters</i> , <b>2011</b> , 53, 1399-1404	1.2	29
495	Internal mobile phone antenna array for LTE/WWAN and LTE MIMO operations. <i>Microwave and Optical Technology Letters</i> , <b>2011</b> , 53, 1569-1573	1.2	61
494	Body SAR study of the planar WWAN monopole slot antenna for tablet device application. <i>Microwave and Optical Technology Letters</i> , <b>2011</b> , 53, 1721-1727	1.2	3
493	Surface-mount WWAN monopole slot antenna for mobile handset. <i>Microwave and Optical Technology Letters</i> , <b>2011</b> , 53, 1890-1896	1.2	5
492	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> , <b>2011</b> , 53, 1998-2004	1.2	6
491	Wwan/lte printed loop tablet computer antenna and its body sar analysis. <i>Microwave and Optical Technology Letters</i> , <b>2011</b> , 53, 2912-2919	1.2	21
490	Simple printed monopole slot antenna for WWAN mobile handset <b>2011</b> ,		3
489	Small-Size Loop Antenna With a Parasitic Shorted Strip Monopole for Internal WWAN Notebook Computer Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2011</b> , 59, 1733-1738	4.9	18
488	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2010</b> , 58, 2479-2483	4.9	87
487	<b>2010</b> ,		1
486	Internal small-size PIFA for LTE/GSM/UMTS operation in the mobile phone <b>2010</b> ,		2
485	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2010</b> , 58, 1011-1014	4.9	83
484	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> , <b>2010</b> , 58, 3426-3431	4.9	71
483	A small-size penta-band WWAN antenna integrated with USB connector for mobile phone applications <b>2010</b> ,		4



482	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> , <b>2010</b> , 58, 3431-3435	4.9	32
481	Small-size internal antenna for LTE/WWAN operation in the laptop computer <b>2010</b> ,		6
480	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> , <b>2010</b> , 52, 58-64	1.2	39
479	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> , <b>2010</b> , 52, 171-177	1.2	19
478	Small-size coupled-fed shorted T-monopole for internal WWAN antenna in the thin-profile mobile phone. <i>Microwave and Optical Technology Letters</i> , <b>2010</b> , 52, 257-262	1.2	19
477	Internal wireless wide area network clamshell mobile phone antenna with reduced ground plane effects. <i>Microwave and Optical Technology Letters</i> , <b>2010</b> , 52, 922-930	1.2	5
476	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> , <b>2010</b> , 52, 1137-1142	1.2	8
475	Bandwidth enhancement of internal WWAN antenna using an inductively coupled plate in the small-size mobile phone. <i>Microwave and Optical Technology Letters</i> , <b>2010</b> , 52, 1247-1253	1.2	15
474	Internal printed loop/monopole combo antenna for LTE/GSM/UMTS operation in the laptop computer. <i>Microwave and Optical Technology Letters</i> , <b>2010</b> , 52, 1673-1678	1.2	31
473	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> , <b>2010</b> , 52, 1471-1476	1.2	35
472	Small-size coupled-fed printed PIFA for internal eight-band LTE/GSM/UMTS mobile phone antenna. <i>Microwave and Optical Technology Letters</i> , <b>2010</b> , 52, 2123-2128	1.2	40
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467	On-board small-size printed monopole antenna integrated with USB connector for penta-band WWAN mobile phone. <i>Microwave and Optical Technology Letters</i> , <b>2010</b> , 52, 2523-2527	1.2	21
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329	Internal wideband metal-plate antenna for laptop application. <i>Microwave and Optical Technology Letters</i> , <b>2005</b> , 46, 384-387	1.2	8
328	A wideband stubby monopole antenna and a GPS antenna for WIMAX mobile phones with E911 function. <i>Microwave and Optical Technology Letters</i> , <b>2005</b> , 46, 485-487	1.2	10
327	Integrated internal PIFA for UMTS operation of clamshell mobile phones. <i>Microwave and Optical Technology Letters</i> , <b>2005</b> , 46, 546-548	1.2	9
326	An internal planar mobile-phone antenna with a vertical ground plane. <i>Microwave and Optical Technology Letters</i> , <b>2005</b> , 46, 597-599	1.2	10
325	An EMC foam-base chip antenna for WLAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2005</b> , 47, 80-82	1.2	12
324	A high-efficiency internal WLAN antenna for wireless devices operating in close proximity to a lossy medium. <i>Microwave and Optical Technology Letters</i> , <b>2005</b> , 47, 233-236	1.2	5
323	Integrated 2.4- and 5-GHz WLAN antennas with two isolated feeds for dual-module application. <i>Microwave and Optical Technology Letters</i> , <b>2005</b> , 47, 263-265	1.2	17
322	Internal cellular/WLAN combo antenna for laptop-computer applications. <i>Microwave and Optical Technology Letters</i> , <b>2005</b> , 47, 402-406	1.2	11
321	Thin internal planar antenna for GSM/DCS/PCS/UMTS operation in a PDA phone. <i>Microwave and Optical Technology Letters</i> , <b>2005</b> , 47, 423-426	1.2	20

320	On-vehicle low-profile metal-plate antenna for 900-MHz operation. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 40, 79-80	1.2	1
319	Small-size surface-mountable circularly polarized ceramic-chip antenna for GPS application. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 40, 300-302	1.2	4
318	Quad-band internal monopole mobile-phone antenna. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 40, 359-361	1.2	3
317	Compact dual-band circularly polarized antenna for GPS/ETC operation on vehicles. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 40, 509-511	1.2	8
316	Broadband low-profile cylindrical monopole antenna for 1800 MHz operation. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 41, 39-40	1.2	4
315	Radiation pattern control for an on-ceiling omnidirectional monopole antenna. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 41, 106-108	1.2	4
314	On-vehicle low-profile metal-plate antenna for AMPS/GSM/DCS/PCS/UMTS multiband operations. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 41, 144-146	1.2	5
313	Broadband circularly polarized printed-spiral-strip antenna for 5-GHz WLAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 41, 163-165	1.2	6
312	Shorted T-shaped monopole antenna for 2.4/5 GHz WLAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 41, 202-203	1.2	41
311	Broadband printed E-shaped monopole antenna for WLAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 41, 269-270	1.2	7
310	High-gain broadband patch antenna with a cavity ground for 5-GHz WLAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 41, 397-399	1.2	9
309	Planar inverted-F antenna with a hollow shorting cylinder for mobile phone with an embedded camera. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 41, 418-419	1.2	24
308	A patch antenna with a wide horizontal radiation pattern for WLAN access point. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 42, 161-164	1.2	1
307	Broadband low-profile printed T-shaped monopole antenna for 5-GHz wlan operation. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 42, 243-245	1.2	14
306	An internal metal-plate antenna for a folder-type mobile phone. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 42, 294-296	1.2	5
305	Low-profile broadband printed VHF monopole antenna for vehicular applications. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 42, 349-450	1.2	1
304	Ultra-wideband square planar monopole antenna for IEEE 802.16a operation in the 2.1-3.1-GHz band. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 42, 463-466	1.2	80
303	A planar DTV receiving antenna for laptop applications. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 42, 483-486	1.2	21

302	Low-profile ultra-wideband antenna for mobile phone applications. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 43, 7-9	1.2	14
301	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> , <b>2004</b> , 43, 189-192	1.2	9
300	Experimental study of a top-loaded cylindrical monopole antenna with a truncated-conical ground plane. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 43, 245-247	1.2	3
299	Ultra-wideband metal-plate monopole antenna for laptop application. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 43, 384-386	1.2	6
298	A microstrip-coupled printed inverted-F monopole antenna. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 43, 470-472	1.2	14
297	Finite-ground-plane effects on the ultra-wideband planar monopole antenna. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 43, 535-537	1.2	20
296	Planar inverted-F antenna with a hollow shorting cylinder for internal mobile phone antenna <b>2004</b> ,		2
295	Omnidirectional planar folded dipole antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2004</b> , 52, 1898-1902	4.9	49
294	A low-profile omnidirectional circularly polarized antenna for WLAN access point <b>2004</b> ,		10
293	Omnidirectional planar dipole array antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2004</b> , 52, 624-628	4.9	62
292	Multiband and Wideband Patch Antennas <b>2004</b> , 329-346		
291	Diversity metal-plate planar inverted-F antenna for WLAN operation. <i>Electronics Letters</i> , <b>2003</b> , 39, 590	1.1	15
290	Printed folded dipole array antenna with directional radiation for 2.48 GHz WLAN operation. <i>Electronics Letters</i> , <b>2003</b> , 39, 1698	1.1	14
289	Surface-mount dual-loop antenna for 2.48 GHz WLAN operation. <i>Electronics Letters</i> , <b>2003</b> , 39, 1302	1.1	23
288	Narrow flat-plate antenna for 2.4 GHz WLAN operation. <i>Electronics Letters</i> , <b>2003</b> , 39, 344	1.1	16
287	Metal-plate 1 $\lambda$ array antenna for 5.28.8 GHz WLAN operation. <i>Electronics Letters</i> , <b>2003</b> , 39, 827	1.1	1
286	Parametric study of dual-band operation in a microstrip-fed uniplanar monopole antenna. <i>IET Microwaves Antennas and Propagation</i> , <b>2003</b> , 150, 411		13
285	Low-profile broadband printed quadrifilar helical antenna for broadcasting satellite application. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 36, 134-136	1.2	9

284	Dual-band printed diversity dipole antenna for WLAN access point. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 36, 254-257	1.2	2
283	Multi-frequency planar monopole antenna for GSM/DCS/PCS/WLAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 36, 350-352	1.2	23
282	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> , <b>2003</b> , 36, 436-439	1.2	21
281	A low-cost surface-mount monopole antenna for 2.4/5.2/5.8-GHz band operation. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 36, 487-489	1.2	3
280	A low-cost surface-mount monopole antenna for GSM/DCS operation. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 37, 2-4	1.2	7
279	Circularly polarized microstrip antenna with a rectangular ground plane. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 37, 93-95	1.2	2
278	Inverted-L slot antenna for WLAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 37, 315-316	1.2	12
277	Printed monopole array antenna for WLAN operation in the 2.4/5.2/5.8 GHz bands. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 37, 370-372	1.2	8
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275	Dual-frequency planar inverted-F antenna with a rolled radiating arm for GSM/DCS operation. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 38, 25-27	1.2	5
274	Planar inverted-F antenna with a bent meandered radiating arm for GSM/DCS operation. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 38, 73-75	1.2	15
273	Compact dual-band metal-plate antenna for 2.4/5.2-GHz WLAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 38, 113-115	1.2	12
272	Broadband circularly polarized inverted-L patch antenna. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 38, 134-136	1.2	11
271	Diversity dual-band planar inverted-F antenna for WLAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 38, 223-225	1.2	23
270	A dual-frequency triangular chip antenna for WLAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 38, 244-247	1.2	4
269	A printed ultra-wideband diversity monopole antenna. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 38, 257-259	1.2	51
268	Novel metal-plate antenna for WLAN application. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 38, 291-293	1.2	0
267	Narrow flat metal-plate antenna for dual-band WLAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 38, 398-400	1.2	15

266	Printed dual-band U-slotted monopole antenna for WLAN access point. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 38, 436-438	1.2	6
265	A foam-base surface-mountable shorted monopole antenna for WLAN application. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 38, 501-503	1.2	9
264	Omnidirectional planar dipole-array antenna for 2.4/5.2-GHz WLAN access points. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 39, 33-36	1.2	25
263	Internal planar monopole antenna for GSM/DCS/PCS folder-type mobile phones. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 39, 106-108	1.2	20
262	A folded metal-plate monopole antenna for multiband operation of a PDA phone. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 39, 135-138	1.2	10
261	5-GHz compact two-element metal-plate antenna for WLAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 39, 246-249	1.2	1
260	Planar-diversity folded-dipole antenna for 5-GHz WLAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 39, 368-370	1.2	4
259	Planar diversity-loop antenna for wireless pcmcia card. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 39, 488-490	1.2	9
258	Broadband printed quasi-self-complementary antenna for 5.2/5.8 GHz WLAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 39, 495-496	1.2	22
257	A broad-band CPW-fed strip-loaded square slot antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2003</b> , 51, 719-721	4.9	105
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255	PIFA with a meandered and folded patch for the dual-band mobile phone application. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2003</b> , 51, 2468-2471	4.9	50
254	A compact dual-band dual-polarized patch antenna for 900/1800-MHz cellular systems. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2003</b> , 51, 1936-1940	4.9	52
253	Low-cost broadband circularly polarized patch antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2003</b> , 51, 3006-3009	4.9	102
252	Shorted, folded planar monopole antenna for dual-band mobile phone. <i>Electronics Letters</i> , <b>2003</b> , 39, 1301	1.1	23
251	A low-profile planar monopole antenna for multiband operation of mobile handsets. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2003</b> , 51, 121-125	4.9	67
250	Dual-band planar inverted F antenna for GSM/DCS mobile phones. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2003</b> , 51, 1124-1126	4.9	49
249	An inverted U-shaped patch antenna for compact operation. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2003</b> , 51, 1647-1648	4.9	11

248	Finite ground plane effects on broad-band dual polarized patch antenna properties. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2003</b> , 51, 903-904	4.9	15
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246	<b>2002</b> ,		772
245	Dual-band shorted patch antenna for dual ISM-band application. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 32, 79-80	1.2	6
244	Beamwidth enhancement of a circularly polarized microstrip antenna mounted on a three-dimensional ground structure. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 32, 149-153	1.2	65
243	A broadband low-profile cylindrical monopole antenna top loaded with a shorted cross patch. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 32, 186-188	1.2	9
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241	A dual-band planar inverted-F patch antenna with a branch-line slit. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 32, 310-312	1.2	42
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239	A broadband very-high-permittivity dielectric resonator antenna for WLAN application in the 5.2 GHz band. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 32, 426-427	1.2	7
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237	A low-profile, bent and shorted planar monopole antenna with reduced backward radiation for mobile phones. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 33, 146-147	1.2	4
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233	A shorted patch antenna with an l-shaped ground plane for internal mobile handset antennas. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 33, 314-316	1.2	3
232	Dual-band plastic chip antenna for GSM/DCS mobile phones. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 33, 330-332	1.2	11
231	Broadband dual-frequency coplanar probe-fed patch antenna for GSM/DCS/PCS base stations. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 33, 370-372	1.2	1

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229	Compact planar inverted-F patch antenna for triple-frequency operation. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 33, 459-462	1.2	38
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226	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> , <b>2002</b> , 34, 166-169	1.2	9
225	Very-low-profile bent planar monopole antenna for GSM/DCS dual-band mobile phone. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 34, 406-409	1.2	6
224	Surface-mountable dual side-feed circularly polarized ceramic chip antenna. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 35, 137-138	1.2	8
223	PIFA-monopole internal mobile phone antenna for GSM/DCS/PCS triple-band operations. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 35, 217-219	1.2	3
222	Printed dual-band monopole antenna for 2.4/5.2 GHz WLAN access point. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 35, 286-288	1.2	10
221	Dual-band slot antenna for 2.4/5.2 GHz WLAN operation. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 35, 306-308	1.2	50
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216	Broad-band dual-polarized single microstrip patch antenna with high isolation and low cross polarization. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2002</b> , 50, 399-401	4.9	118
215	Printed ring slot antenna for circular polarization. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2002</b> , 50, 75-77	4.9	134
214	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2002</b> , 50, 188-191	4.9	75
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212	Broadband probe-fed patch antenna with a W-shaped ground plane. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2002</b> , 50, 827-831	4.9	56
211	A broadband probe-fed planar patch antenna with a short probe pin and a conducting cylinder transition. <i>Microwave and Optical Technology Letters</i> , <b>2001</b> , 31, 282-284	1.2	6
210	Broadband patch antenna edge-fed by a coplanar probe feed. <i>Microwave and Optical Technology Letters</i> , <b>2001</b> , 31, 287-289	1.2	7
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208	A planar inverted-L patch antenna for 2.4/5.2 GHz dual-band operation. <i>Microwave and Optical Technology Letters</i> , <b>2001</b> , 31, 394-396	1.2	3
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205	A compact microstrip antenna with meandering slots in the ground plane. <i>Microwave and Optical Technology Letters</i> , <b>2001</b> , 29, 95-97	1.2	84
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203	A compact dual-band microstrip patch antenna suitable for DCS/GPS operations. <i>Microwave and Optical Technology Letters</i> , <b>2001</b> , 29, 410-412	1.2	18
202	Dual-frequency operation of a coplanar waveguide-fed dual-slot loop antenna. <i>Microwave and Optical Technology Letters</i> , <b>2001</b> , 30, 38-40	1.2	10
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190	A stacked circular microstrip antenna for dual-band conical-pattern radiation. <i>Microwave and Optical Technology Letters</i> , <b>2001</b> , 28, 202-204	1.2	6
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183	Bandwidth enhancement of a microstrip-line-fed printed wide-slot antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2001</b> , 49, 1020-1024	4.9	316
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177	Broadband dual-frequency V-shape patch antenna. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 25, 121-123	1.2	7

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174	Experimental studies of an inverted V-shaped patch antenna. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 25, 426-429	1.2	0
173	A dual-polarization wideband circular patch antenna with hybrid feeds. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 26, 37-39	1.2	10
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171	A novel microstrip-line-fed printed semicircular slot antenna for broadband operation. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 26, 237-239	1.2	9
170	A wideband capacitively fed circular-E patch antenna. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 27, 134-135	1.2	4
169	A dual-frequency L-shaped patch antenna. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 27, 177-179	1.2	13
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152	Single-feed annular-ring-sector microstrip antenna for circular polarization. <i>Microwave and Optical Technology Letters</i> , <b>1999</b> , 22, 7-10	1.2	1
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140	A circularly polarized patch-loaded square-slot antenna. <i>Microwave and Optical Technology Letters</i> , <b>1999</b> , 23, 363-365	1.2	27
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116	Broadband circular microstrip antenna with embedded reactive loading. <i>Electronics Letters</i> , <b>1998</b> , 34, 1804	1.1	26
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97	Inclined-slot-coupled compact dual-frequency microstrip antenna with cross-slot. <i>Electronics Letters</i> , <b>1998</b> , 34, 321	1.1	19
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