

Zhang-Cheng Hao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3274522/publications.pdf>

Version: 2024-02-01

175
papers

4,802
citations

93792

39
h-index

134545

62
g-index

176
all docs

176
docs citations

176
times ranked

3252
citing authors

#	ARTICLE	IF	CITATIONS
1	A Wideband Circularly Polarized Folded Reflectarray Antenna With Linearly Polarized Feed. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 913-917.	2.4	14
2	A Multipolarized Planar Phased Array for LEO SATCOM Applications. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 2273-2277.	2.4	4
3	A Millimeter-Wave Planar Dual-Band Array Antenna Having Individually LHCP and RHCP Radiation Characteristics. IEEE Open Journal of Antennas and Propagation, 2022, 3, 768-773.	2.5	5
4	A Compact Wideband Millimeter-Wave Substrate-Integrated Double-Line Slot Array Antenna. IEEE Transactions on Antennas and Propagation, 2021, 69, 882-891.	3.1	16
5	Planar Shared-Aperture Array Antenna With a High Isolation for Millimeter-Wave Low Earth Orbit Satellite Communication System. IEEE Transactions on Antennas and Propagation, 2021, 69, 7582-7592.	3.1	40
6	Compact High Efficiency Terahertz Filtering Antenna with Low Cross-Polarization Based on the Mixed-Mode Cavity. , 2021, , .		1
7	Time-Domain Nonstationary Channel Emulation in Multiprobe Anechoic Chamber Setups for Over-the-Air Testing. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2511-2515.	2.4	0
8	The Role of Millimeter-Wave Technologies in 5G/6G Wireless Communications. IEEE Journal of Microwaves, 2021, 1, 101-122.	4.9	312
9	Compact Orthogonal Multiple-Beam Antenna With Shared Aperture. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 873-877.	2.4	4
10	Planar Millimeter-Wave Shared-Aperture Self-Diplexing Antenna With Small Frequency Ratio and High Isolation. IEEE Transactions on Antennas and Propagation, 2021, 69, 8979-8984.	3.1	8
11	Integrated Hybrid Antenna Based on Spoof Surface Plasmon Polaritons. IEEE Access, 2021, 9, 10797-10804.	2.6	3
12	Localized Plasmonic Vortex Printing Technology Based on the Metaparticle and Spoof Surface Plasmon Polaritons. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2000708.	0.8	2
13	A Reconfigurable 1 Å– 4 Circularly Polarized Patch Array Antenna With Frequency, Radiation Pattern, and Polarization Agility. IEEE Transactions on Antennas and Propagation, 2021, 69, 5124-5129.	3.1	23
14	A Wideband Slot Pair Array Based on SIDL Technology for 5G Millimeter-Wave Application. , 2021, , .		0
15	Low-Profile 2-D THz Airy Beam Generator Using the Phase-Only Reflective Metasurface. IEEE Transactions on Antennas and Propagation, 2020, 68, 1503-1513.	3.1	29
16	A Wideband High-Gain Planar Integrated Antenna Array for SE\$ -Band Backhaul Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 2138-2147.	3.1	23
17	A 140 GHz High-Efficiency Slotted Waveguide Antenna Using a Low-Loss Feeding Network. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 94-98.	2.4	28
18	Low Profile Terahertz Antennas Using the Folded Reflectarray. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
19	Compact and wideband filtenna for circularly polarised application. IET Microwaves, Antennas and Propagation, 2020, 14, 950-954.	0.7	3
20	A 400-GHz Low Cost Planar Leaky-Wave Antenna With Low Sidelobe Level and Low Cross-Polarization Level. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 427-430.	2.0	15
21	A Compact Millimeter-Wave Planar Directional Coupled Crossover With a Wide Bandwidth. IEEE Microwave and Wireless Components Letters, 2020, 30, 661-664.	2.0	13
22	Design and Implementation of a Full-Digital Beamforming Array With Nonreciprocal Tx/Rx Beam Patterns. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1978-1982.	2.4	19
23	A High-Selectivity D-Band Mixed-Mode Filter Based on the Coupled Overmode Cavities. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 2331-2342.	2.9	12
24	A Planar W -Band Large-Scale High-Gain Substrate-Integrated Waveguide Slot Array. IEEE Transactions on Antennas and Propagation, 2020, 68, 6429-6434.	3.1	33
25	A Novel Probe Selection Method for MIMO OTA Performance Testing. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2359-2362.	2.4	7
26	Broadband high-efficiency multiple vortex beams generated by an interleaved geometric-phase multifunctional metasurface. Optical Materials Express, 2020, 10, 1531.	1.6	29
27	A 5G Millimeter-Wave Circularly Polarized Planar Antenna Array. , 2020, , .		2
28	Broadband high-efficiency multiple vortex beams generated by an interleaved geometric-phase multifunctional metasurface. Optical Materials Express, 2020, 10, 1531.	1.6	8
29	Millimetre-wave balanced SIW bandpass filter with high common-mode suppression. Electronics Letters, 2020, 56, 1189-1191.	0.5	2
30	Wide-Angle Frequency Beam Scanning Antenna Based on the Higher-Order Modes of Spoof Surface Plasmon Polariton. IEEE Transactions on Antennas and Propagation, 2020, 68, 7652-7657.	3.1	29
31	A Power Divider Based on the Spoof Surface Plasmon Polaritons. , 2019, , .		2
32	A Wideband Frequency Beam Scanning Antenna Based on the Spoof Surface Plasmon Polaritons. , 2019, , .		1
33	High-Performance E -Band Continuous Transverse Stub Array Antenna With a 45° Linear Polarizer. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2189-2193.	2.4	6
34	A Bidirectional Same Sense Circularly Polarized Endfire Antenna Array With Polarization Reconfigurability. IEEE Transactions on Antennas and Propagation, 2019, 67, 7150-7155.	3.1	37
35	A LTCC Ridge SIW Bandpass Filter for Q-band applications. , 2019, , .		0
36	Ultra-wideband low-loss transition for the SIW to the SICL. IET Microwaves, Antennas and Propagation, 2019, 13, 1764-1767.	0.7	4

#	ARTICLE	IF	CITATIONS
37	Compact Dual-Broadband Dual-Polarized Antenna With Additional Ground Platform. IEEE Access, 2019, 7, 50650-50657.	2.6	9
38	Analysis of Eighth-Mode Substrate-Integrated Waveguide Cavity and Flexible Filter Design. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 2701-2712.	2.9	48
39	A Simple and Accurate Method for Extracting Super Wideband Electrical Properties of the Printed Circuit Board. IEEE Access, 2019, 7, 57321-57331.	2.6	19
40	A Novel Tri-Beam Antenna System Based on U-Shaped Dipole. Radioengineering, 2019, 27, 53-59.	0.3	0
41	A Band-Pass Filter Based on the Spoof Surface Plasmon Polaritons and CPW-Based Coupling Structure. IEEE Access, 2019, 7, 35089-35096.	2.6	33
42	2018 IEEE International Workshop on Antenna Technology [Meeting Reports]. IEEE Antennas and Propagation Magazine, 2019, 61, 9-11.	1.2	0
43	A 400-GHz High-Gain Quartz-Based Single Layered Folded Reflectarray Antenna for Terahertz Applications. IEEE Transactions on Terahertz Science and Technology, 2019, 9, 78-88.	2.0	59
44	A compact leaky-wave antenna using a planar spoof surface plasmon polariton structure. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21617.	0.8	11
45	Millimeter-wave wideband circularly polarized monopulse antenna using the sequential rotation feeding technique. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21489.	0.8	8
46	Splitting spoof surface plasmon polaritons to different directions with high efficiency in ultra-wideband frequencies. Optics Letters, 2019, 44, 3374.	1.7	33
47	140 GHz High-Gain LTCC-Integrated Transmit-Array Antenna Using a Wideband SIW Aperture-Coupling Phase Delay Structure. IEEE Transactions on Antennas and Propagation, 2018, 66, 182-190.	3.1	104
48	A Wideband Dual-Polarized Omnidirectional Antenna for Base Station/WLAN. IEEE Transactions on Antennas and Propagation, 2018, 66, 81-87.	3.1	41
49	Wideband $\frac{1}{2}$ -Band Substrate-Integrated Waveguide Magnetoelectric (ME) Dipole Array Antenna. IEEE Transactions on Antennas and Propagation, 2018, 66, 3195-3200.	3.1	48
50	A Wideband Array Antenna With 1-Bit Digital-Controllable Radiation Beams. IEEE Access, 2018, 6, 10858-10866.	2.6	38
51	A Wideband Quad-Polarization Reconfigurable Metasurface Antenna. IEEE Access, 2018, 6, 6130-6137.	2.6	73
52	Digital Suppression of Transmitter Leakage in FDD RF Transceivers With an Enhanced Low-Sampling Rate Behavioral Model. IEEE Microwave and Wireless Components Letters, 2018, 28, 1140-1142.	2.0	3
53	Generation of One-Dimensional Airy Beams by a Single-Layer Flexible Metasurface at Millimeter-Wave Band. , 2018, , .		2
54	Wideband Full-Corporate-Feed Waveguide Continuous Transverse Stub Antenna Array. IEEE Access, 2018, 6, 76673-76681.	2.6	25

#	ARTICLE	IF	CITATIONS
55	A wideband millimeter-wave bidirectional circularly polarized antenna array using sequential rotation feeding. , 2018, , .		4
56	Investigations on the Terahertz Beam Scanning Antennas with a Wide Scanning Range. , 2018, , .		2
57	Design of a Miniature High-Pass Filter Using LTCC Technology. , 2018, , .		0
58	Design of a Frequency and Polarization Reconfigurable Patch Antenna With a Stable Gain. IEEE Access, 2018, 6, 68169-68175.	2.6	20
59	3D Absorptive Frequency-Selective Reflection and Transmission Structures With Dual Absorption Bands. IEEE Access, 2018, 6, 72880-72888.	2.6	40
60	A New Design for Spoof Surface Plasmon Polaritons Using Periodic Holes Etched on the Stripline. , 2018, , .		0
61	Frequency and Polarization Reconfigurable Patch Antenna Using Switchable Shorting Pins. , 2018, , .		3
62	Dual-Polarized Omnidirectional Antenna With High Isolation Based on the Theory of Characteristic Modes. IEEE Access, 2018, 6, 73416-73422.	2.6	10
63	A Compact $\sqrt{2}$ -Band Substrate-Integrated Cavity Array Antenna Using High-Order Resonating Modes. IEEE Transactions on Antennas and Propagation, 2018, 66, 7400-7405.	3.1	33
64	Self-packaged miniature high-order bandpass filter for wideband applications. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21546.	0.8	3
65	A two-dimensional beam-switchable patch array antenna with polarization-diversity for 5G applications. , 2018, , .		3
66	Wideband Horizontally Polarized Omnidirectional Antenna With a Conical Beam for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2018, 66, 4437-4448.	3.1	46
67	A Compact Polarization-Reconfigurable and 2-D Beam-Switchable Antenna Using the Spatial Phase Shift Technique. IEEE Transactions on Antennas and Propagation, 2018, 66, 4986-4995.	3.1	44
68	Extracting extremely wideband complex dielectric permittivity and effective conductivity by using one pair of SIW circular cavities. , 2018, , .		2
69	An ultra-thin coplanar waveguide filter based on the spoof surface plasmon polaritons. Applied Physics Letters, 2018, 113, .	1.5	47
70	Design and Implementation of a Planar Polarization-Reconfigurable Antenna. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1557-1560.	2.4	32
71	Developing high performance Q-band planar filters using the multilayered substrate integrated waveguide technique. Microwave and Optical Technology Letters, 2017, 59, 698-703.	0.9	5
72	Development of a Low Cost THz Metallic Lens Antenna. IEEE Antennas and Wireless Propagation Letters, 2017, , 1-1.	2.4	21

#	ARTICLE	IF	CITATIONS
73	A Planar Polarization-Reconfigurable Antenna. IEEE Transactions on Antennas and Propagation, 2017, 65, 1624-1632.	3.1	42
74	Design of a Wideband Quad-Polarization Reconfigurable Patch Antenna Array Using a Stacked Structure. IEEE Transactions on Antennas and Propagation, 2017, 65, 3014-3023.	3.1	89
75	Design and Implementation of a G-Band Silicon-Based Single-Layer Reflectarray Antenna. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2191-2194.	2.4	10
76	A wideband stacked patch antenna for reconfigurable polarization applications. , 2017, , .		2
77	Developing Wideband Planar Millimeter-Wave Array Antenna Using Compact Magneto-Electric Dipoles. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2102-2105.	2.4	30
78	Investigations on the rectangular waveguide to SIW transition for terahertz applications. Microwave and Optical Technology Letters, 2017, 59, 1546-1553.	0.9	5
79	Development of a High Gain 325-500 GHz Antenna Using Quasi-Planar Reflectors. IEEE Transactions on Antennas and Propagation, 2017, 65, 3384-3391.	3.1	40
80	A Passive Circularly Polarized Van Atta Reflector For Vehicle Radar Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2254-2257.	2.4	18
81	A Planar Broadband Antenna for the E-Band Gigabyte Wireless Communication. IEEE Transactions on Antennas and Propagation, 2017, 65, 1369-1373.	3.1	25
82	Millimetre wave SIW diplexer circuits with relaxed fabrication tolerances. IET Microwaves, Antennas and Propagation, 2017, 11, 1133-1138.	0.7	5
83	A Wideband Reflectarray Antenna Using Substrate Integrated Coaxial True-Time Delay Lines for QLink-Pan Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2582-2585.	2.4	23
84	Developing Millimeter-Wave Planar Antenna With a Cosecant Squared Pattern. IEEE Transactions on Antennas and Propagation, 2017, 65, 5565-5570.	3.1	23
85	Design and implementation of planar reflection spiral phase plate for beams with orbital angular momentum. IET Microwaves, Antennas and Propagation, 2017, 11, 260-264.	0.7	14
86	A Low-Profile Wideband Substrate-Integrated Waveguide Cavity-Backed E-Shaped Patch Antenna for the Q-LINKPAN Applications. IEEE Transactions on Antennas and Propagation, 2017, 65, 5667-5676.	3.1	42
87	Compact and wideband millimetre wave circularly polarised antenna array based on a SICL to waveguide transition. IET Microwaves, Antennas and Propagation, 2017, 11, 2097-2103.	0.7	19
88	A miniature bandpass filter using multilayered pcb technology. , 2017, , .		3
89	A wideband switched beam antenna for full 360 coverage. , 2017, , .		7
90	A wideband antenna with switchable beams. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
91	Cylindrical conformal array antenna with tilted H-plane Fan-shaped beam for millimeter-wave application. Microwave and Optical Technology Letters, 2016, 58, 1666-1671.	0.9	15
92	Ka-band circularly polarized reflectarray: Using a double-layers cross slot. IEEE Antennas and Propagation Magazine, 2016, 58, 60-68.	1.2	19
93	A circular polarization reconfigurable substrate integrated waveguide antenna. , 2016, , .		4
94	A low cost W-band multilayer SIW filter. , 2016, , .		1
95	A high efficiency planar W-band array antenna. , 2016, , .		3
96	Developing Low-Cost π -Band SIW Bandpass Filters Using the Commercially Available Printed-Circuit-Board Technology. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 1775-1786.	2.9	64
97	A Wideband Dual-Mode SIW Cavity-Backed Triangular-Complimentary-Split-Ring-Slot (TCSRS) Antenna. IEEE Transactions on Antennas and Propagation, 2016, 64, 2541-2545.	3.1	74
98	Investigations on the conformal capability of the substrate integrated waveguide (SIW) technique for mm-wave applications. , 2016, , .		0
99	A planar circularly polarized antenna with high radiation gains. , 2016, , .		0
100	A 110~150 GHz SIW-rectangular waveguide transition for terahertz applications. , 2016, , .		7
101	Recent progresses of developing terahertz components in the SKLMMW of Southeast University. , 2016, , .		0
102	Developing terahertz filters using the deep reactive ion etching (DRIE) process. , 2016, , .		0
103	Design of a Millimeter-Wave High Angle Selectivity Shaped-Beam Conformal Array Antenna Using Hybrid Genetic/Space Mapping Method. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1208-1212.	2.4	33
104	A Millimeter Wave High-Isolation Diplexer Using Selectivity-Improved Dual-Mode Filters. IEEE Microwave and Wireless Components Letters, 2016, 26, 104-106.	2.0	17
105	A Novel Planar Reconfigurable Monopulse Antenna for Indoor Smart Wireless Access Points™ Application. IEEE Transactions on Antennas and Propagation, 2016, 64, 1250-1261.	3.1	66
106	A planar millimeter-wave antenna with a cosecant squared pattern. , 2015, , .		4
107	Developing compact wideband filters using multilayer liquid crystal polymer technology. , 2015, , .		1
108	A low cost W-band SIW bandpass filter. , 2015, , .		6

#	ARTICLE	IF	CITATIONS
109	Millimeter-wave planar high gain SIW antenna using half elliptic radiation slots. International Journal of RF and Microwave Computer-Aided Engineering, 2015, 25, 709-718.	0.8	2
110	A planar antenna having two realizable circular polarizations. , 2015, , .		6
111	Advances in Low-Profile Antennas in Wireless Communications 2015. International Journal of Antennas and Propagation, 2015, 2015, 1-2.	0.7	1
112	Investigations on millimeter-wave conformal antennas. , 2015, , .		0
113	Silicon Micromachined Terahertz Bandpass Filter With Elliptic Cavities. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 1040-1047.	2.0	41
114	Planar High-Gain Circularly Polarized Element Antenna for Array Applications. IEEE Transactions on Antennas and Propagation, 2015, 63, 1937-1948.	3.1	54
115	A Broadband Circularly Polarized Patch Antenna With Improved Axial Ratio. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1180-1183.	2.4	21
116	Extraction of Dielectric and Rough Conductor Loss of Printed Circuit Board Using Differential Method at Microwave Frequencies. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 494-503.	2.9	27
117	A wideband high selectivity filtering balun. Microwave and Optical Technology Letters, 2015, 57, 1107-1110.	0.9	4
118	A bandpass filter using modified half mode substrate integrated waveguide technique. International Journal of RF and Microwave Computer-Aided Engineering, 2015, 25, 277-281.	0.8	2
119	Design and analysis of a terahertz bandpass filter. , 2015, , .		2
120	Efficient Design of Compact Contiguous-Channel SIW Multiplexers Using the Space-Mapping Method. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 3651-3662.	2.9	17
121	Advances in Low-Profile Antennas in Wireless Communications. International Journal of Antennas and Propagation, 2014, 2014, 1-2.	0.7	0
122	Planar high gain antenna for 42.0 GHz Q–LINK PAN system. Microwave and Optical Technology Letters, 2014, 56, 2098-2103.	0.9	3
123	A Planar Bandpass Filter Implemented With a Hybrid Structure of Substrate Integrated Waveguide and Coplanar Waveguide. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 266-274.	2.9	65
124	Design of a Bandwidth-Enhanced Polarization Rotating Frequency Selective Surface. IEEE Transactions on Antennas and Propagation, 2014, 62, 940-944.	3.1	90
125	Wide Stopband Bandpass Filter Implemented With Spur Stepped Impedance Resonator and Substrate Integrated Coaxial Line Technology. IEEE Microwave and Wireless Components Letters, 2014, 24, 218-220.	2.0	41
126	Balanced Substrate Integrated Waveguide Filter. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 824-831.	2.9	53

#	ARTICLE	IF	CITATIONS
127	Tolerance analysis of W-band SIW slot array antenna. , 2014, , .		0
128	Generation of Electromagnetic Waves with Arbitrary Orbital Angular Momentum Modes. Scientific Reports, 2014, 4, 4814.	1.6	212
129	Accurate Characterization of Attenuation Constants of Substrate Integrated Waveguide Using Resonator Method. IEEE Microwave and Wireless Components Letters, 2013, 23, 677-679.	2.0	19
130	Characterization of substrate material using complementary split ring resonators at terahertz frequencies. , 2013, , .		5
131	A compact dual-passband filter using multilayer structure. , 2013, , .		0
132	A Novel Reflective Surface With Polarization Rotation Characteristic. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 968-971.	2.4	45
133	Design and Implementation of a Triple-Mode Planar Filter. IEEE Microwave and Wireless Components Letters, 2013, 23, 243-245.	2.0	66
134	Development of a single board microwave sub-system based on substrate integrated waveguide (SIW) technology. , 2012, , .		2
135	Research advances in microwave and millimeter wave circuits and systems in the SKLMMW. , 2012, , .		2
136	Liquid crystal polymer (LCP): A promising technology for conformal high performance microwave/millimeter-wave circuits and packaging. , 2012, , .		1
137	Multilayer interdigital ultra-wideband filter. , 2011, , .		5
138	Highly selective ultra wideband bandpass filters with quasi-elliptic function response. IET Microwaves, Antennas and Propagation, 2011, 5, 1103.	0.7	8
139	High selectivity UWB bandpass filter using dual-mode resonators. Electronics Letters, 2011, 47, 1379-1381.	0.5	13
140	UWB Bandpass Filter Using Cascaded Miniature High-Pass and Low-Pass Filters With Multilayer Liquid Crystal Polymer Technology. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 941-948.	2.9	120
141	Dual-band UWB filter using multilayer liquid crystal polymer technology. Electronics Letters, 2010, 46, 250.	0.5	4
142	Ultrawideband Filter Technologies. IEEE Microwave Magazine, 2010, 11, 56-68.	0.7	87
143	Quasi-Elliptic UWB Bandpass Filter Using Multilayer Liquid Crystal Polymer Technology. IEEE Microwave and Wireless Components Letters, 2010, 20, 202-204.	2.0	22
144	Compact Wide Stopband Ultra Wideband Bandpass Filter Using Multilayer Liquid Crystal Polymer Technology. IEEE Microwave and Wireless Components Letters, 2009, 19, 290-292.	2.0	27

#	ARTICLE	IF	CITATIONS
145	UWB bandpass filter with a multilayer non-uniform periodical structure on LCP substrates. , 2009, , .		7
146	Ultra-wideband bandpass filter with multiple notch-bands on multilayer liquid crystal polymer substrate. IET Microwaves, Antennas and Propagation, 2009, 3, 749.	0.7	24
147	Compact UWB Filter With Double Notch-Bands Using Multilayer LCP Technology. IEEE Microwave and Wireless Components Letters, 2009, 19, 500-502.	2.0	59
148	Ultra-Wideband Bandpass Filter With Multiple Notch Bands Using Nonuniform Periodical Slotted Ground Structure. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 3080-3088.	2.9	79
149	Ultra-Wideband Bandpass Filter Using Multilayer Liquid-Crystal-Polymer Technology. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 2095-2100.	2.9	82
150	Miniature coupled resonator UWB filter using a multilayer structure on liquid crystal polymer. , 2008, , .		2
151	Ultra Wideband Bandpass Filter Using Embedded Stepped Impedance Resonators on Multilayer Liquid Crystal Polymer Substrate. IEEE Microwave and Wireless Components Letters, 2008, 18, 581-583.	2.0	40
152	Compact ultra-wideband bandpass filter using broadside coupled hairpin structures on multilayer liquid crystal polymer substrate. Electronics Letters, 2008, 44, 1197.	0.5	21
153	A novel Ultra Wideband Bandpass Filter using Broadside Coupled Structures on Multilayer Organic Liquid Crystal Polymer Substrate. , 2008, , .		8
154	Multilayer folded-waveguide dual-band filter. , 2008, , .		6
155	High Selective Ultra-Wideband (UWB) Bandpass Filter with Wideband Harmonic Suppression. , 2008, , .		5
156	UWB bandpass filter with tunable notch on liquid crystal polymer substrate. , 2008, , .		12
157	Development of a low cost microwave mixer using a broad-band substrate integrated waveguide (SIW) coupler. IEEE Microwave and Wireless Components Letters, 2006, 16, 84-86.	2.0	120
158	SIW fed dielectric resonator antennas (SIW-DRA). , 2006, , .		13
159	Symmetric dual-mode filter based on substrate integrated waveguide (SIW). Electrical Engineering, 2006, 89, 67-70.	1.2	23
160	Hybrid algorithm for accelerating the double series of Floquet vector modes. Science in China Series F: Information Sciences, 2006, 49, 616-626.	1.1	1
161	Single-layer substrate integrated waveguide directional couplers. IET Microwaves Antennas and Propagation, 2006, 153, 426.	1.2	71
162	Compact super-wide bandpass substrate integrated waveguide (SIW) filters. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 2968-2977.	2.9	181

#	ARTICLE	IF	CITATIONS
163	High isolation sub-harmonic up-converter using substrate integrated waveguide. Electronics Letters, 2005, 41, 1225.	0.5	7
164	A novel feeding technique for antipodal linearly tapered slot antenna array. , 2005, , .		31
165	Theory and experiment of novel frequency selective surface based on substrate integrated waveguide technology. IEEE Transactions on Antennas and Propagation, 2005, 53, 4035-4043.	3.1	145
166	Multilayered substrate integrated waveguide (MSIW) elliptic filter. IEEE Microwave and Wireless Components Letters, 2005, 15, 95-97.	2.0	146
167	Optimal design of compact millimetre-wave SIW circular cavity filters. Electronics Letters, 2005, 41, 1068.	0.5	79
168	Substrate integrated waveguide elliptic filter with transmission line inserted inverter. Electronics Letters, 2005, 41, 851.	0.5	44
169	Planar diplexer for microwave integrated circuits. IET Microwaves Antennas and Propagation, 2005, 152, 455.	1.2	72
170	Study of lossy effects on the propagation of propagating and evanescent waves in left-handed materials. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 323, 484-494.	0.9	48
171	Recent progress in planar microwave filters. , 0, , .		5
172	Multiway broadband substrate integrated waveguide (SIW) power divider. , 0, , .		44
173	A single-layer folded Substrate Integrated Waveguide (SIW) filter. , 0, , .		7
174	Substrate Integrated Waveguide 180-degree Narrow-wall Directional Coupler. , 0, , .		22
175	Development of Compact Bandpass Filters with SIW Triangular Cavities. , 0, , .		11