

Lin Peng

List of Publications by Year in descending order

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papers

1,155
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430874

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73
all docs

73
docs citations

73
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	UWB Band-Notched Monopole Antenna Design Using Electromagnetic-Bandgap Structures. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 1074-1081.	4.6	204
2	Design and Operation of Dual/Triple-Band Asymmetric M-Shaped Microstrip Patch Antennas. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 1069-1072.	4.0	84
3	A NOVEL ULTRA-WIDEBAND BOW-TIE SLOT ANTENNA IN WIRELESS COMMUNICATION SYSTEMS. Progress in Electromagnetics Research Letters, 2008, 1, 101-108.	0.7	81
4	CPW Fed UWB Antenna by EBGs With Wide Rectangular Notched-Band. IEEE Access, 2016, 4, 9545-9552.	4.2	52
5	Ultrawideband and High-Gain Circularly Polarized Antenna With Double-Y-Shape Slot. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1508-1511.	4.0	47
6	A Novel Band-Notched Elliptical Ring Monopole Antenna with a Coplanar Parasitic Elliptical Patch for UWB Applications. Journal of Electromagnetic Waves and Applications, 2008, 22, 517-528.	1.6	43
7	A NOVEL COMPACT ARCHIMEDEAN SPIRAL ANTENNA WITH GAP-LOADING. Progress in Electromagnetics Research Letters, 2008, 3, 169-177.	0.7	42
8	Compact EBG for Multi-Band Applications. IEEE Transactions on Antennas and Propagation, 2012, 60, 4440-4444.	5.1	40
9	A Novel THz Half-Wave Polarization Converter for Cross-Polarization Conversions of Both Linear and Circular Polarizations and Polarization Conversion Ratio Regulating by Graphene. Journal of Lightwave Technology, 2018, 36, 4250-4258.	4.6	40
10	A Novel Compact and Polarization-Dependent Mushroom-Type EBG Using CSRR for Dual/Triple-Band Applications. IEEE Microwave and Wireless Components Letters, 2010, 20, 489-491.	3.2	39
11	DESIGN AND TIME-DOMAIN ANALYSIS OF COMPACT MULTI-BAND-NOTCHED UWB ANTENNAS WITH EBG STRUCTURES. Progress in Electromagnetics Research B, 2013, 47, 339-357.	1.0	28
12	Coupling Reduction for a Wideband Circularly Polarized Conformal Array Antenna With a Single-Negative Structure. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 991-995.	4.0	27
13	A Microstrip Fed Monopole Patch Antenna with three Stubs for Dual-band WLAN Applications. Journal of Electromagnetic Waves and Applications, 2007, 21, 2359-2369.	1.6	23
14	Metal and graphene hybrid metasurface designed ultra-wideband terahertz absorbers with polarization and incident angle insensitivity. Nanoscale Advances, 2019, 1, 1452-1459.	4.6	23
15	A Microstrip Fed Patch Antenna with Two Parasitic Invert L Stubs for Dual-Band WLAN Applications. Wireless Personal Communications, 2011, 57, 727-734.	2.7	21
16	Ultrabroadband All-Dielectric Transmitarray Designing Based on Genetic Algorithm Optimization and 3-D Print Technology. IEEE Transactions on Antennas and Propagation, 2021, 69, 2003-2012.	5.1	21
17	Methodology for the design of a multi-functional device with switchable absorption and polarization conversion modes by graphene and metallic metasurfaces. Optical Materials Express, 2019, 9, 687.	3.0	21
18	Design of a Simple Multi-Band Antenna with a Parasitic C-shaped Strip. Journal of Electromagnetic Waves and Applications, 2010, 24, 1921-1929.	1.6	20

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19	Multi-functional Device with Switchable Functions of Absorption and Polarization Conversion at Terahertz Range. <i>Nanoscale Research Letters</i> , 2018, 13, 385.	5.7	19
20	Design and Analysis of Planar Antenna with Dual WLAN Band-Notched for Integrated Bluetooth and UWB Applications. <i>Journal of Electromagnetic Waves and Applications</i> , 2010, 24, 1817-1828.	1.6	18
21	Analysis of the small slot-loaded elliptical patch antenna with a band-notched for UWB applications. <i>Microwave and Optical Technology Letters</i> , 2009, 51, 973-976.	1.4	17
22	Design of a novel planar ultrawideband antenna with 3.5 and 5.5 GHz dual band-notched characteristics. <i>Microwave and Optical Technology Letters</i> , 2011, 53, 370-375.	1.4	15
23	Bandwidth enhancement of microstrip antenna loaded by parasitic zeroth-order resonators. <i>Microwave and Optical Technology Letters</i> , 2017, 59, 1096-1100.	1.4	15
24	Front to Back Ratio Bandwidth Enhancement of Resonance Based Reflector Antenna by Using a Ring-Shape Director and Its Time-Domain Analysis. <i>IEEE Access</i> , 2017, 5, 15318-15325.	4.2	14
25	Design and Analysis of a Wideband Low-Scattering Endfire Antenna Using a Moth Tail-Inspired Metamaterial Absorber and a Surface Waveguide. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 1411-1418.	5.1	12
26	An Efficient Knowledge-Based Artificial Neural Network for the Design of Circularly Polarized 3-D-Printed Lens Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 5007-5014.	5.1	12
27	An Ultra-Broadband Terahertz Absorber Based on Coplanar Graphene and Gold Hybridized Metasurface. <i>Plasmonics</i> , 2019, 14, 1057-1061.	3.4	11
28	Resonance-Based Reflector and Its Application in Unidirectional Antenna with Low-Profile and Broadband Characteristics for Wireless Applications. <i>Sensors</i> , 2016, 16, 2092.	3.8	10
29	EZR-MZR Resonators for Compact Low-Profile Omnidirectional Circular-Polarized Antenna Design. <i>IEEE Photonics Journal</i> , 2017, 9, 1-15.	2.0	10
30	Low-profile and wideband gain enhanced Fabry-Perot cavity antenna using gradient PRS and AMC. <i>IET Microwaves, Antennas and Propagation</i> , 2020, 14, 1952-1959.	1.4	10
31	A Novel Compact Broadband Microstrip Antenna. , 2007, , .		9
32	Bandwidth Enhanced L-Shaped Patch Antenna with Parasitic Element for 5.8-GHz Wireless Local Area Network Applications. <i>Wireless Personal Communications</i> , 2016, 91, 1163-1170.	2.7	9
33	A Low-Profile and Wideband Unidirectional Antenna Using Bandwidth Enhanced Resonance-Based Reflector for Fifth Generation (5G) Systems Applications. <i>IEEE Access</i> , 2019, 7, 27352-27361.	4.2	9
34	An Ultrawideband and High-Aperture-Efficiency All-Dielectric Lens Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021, 20, 2442-2446.	4.0	8
35	Circular-polarized compact low-profile omni-directional antenna. , 2013, , .		7
36	Investigation on Ring/Split-Ring Loaded Bow-Tie Antenna for Compactness and Notched-Band. <i>Frequenz</i> , 2016, 70, .	0.9	7

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37	An <i>S</i> -Band Fabry-Perot Cavity Antenna With Wide 1 dB Gain Bandwidth. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 963-967.	4.0	7
38	Performance Enhancement of a Planar Slot Phased Array by Using Dual-Mode SIW Cavity and Coding Metasurface. IEEE Transactions on Antennas and Propagation, 2021, 69, 6022-6027.	5.1	7
39	Novel Dual-Band and Broad-Band Designs of Circle Slot Antenna with a Cross-Shaped Stub. Journal of Electromagnetic Waves and Applications, 2007, 21, 2169-2179.	1.6	6
40	UWB Bi-directional Bow-tie antenna loaded by rings. Journal of the Korean Physical Society, 2016, 69, 22-30.	0.7	6
41	Design and Analysis of a New ZOR Antenna with Wide Half Power Beam Width (HPBW) Characteristic. Frequenz, 2017, 71, 41-50.	0.9	6
42	Ultra-Wideband and High Gain Fabry-Perot Cavity Antenna Using Frequency Selective Surface and Parasitic Patch. , 2018, , .		6
43	Wide-band Ultralow-profile Compact Microstrip Antenna Loaded by Slots. Journal of Electromagnetic Waves and Applications, 2008, 22, 1099-1105.	1.6	5
44	Compact, broadband waveguide-to-microstrip transition using slotline antenna. , 2010, , .		5
45	Compact UWB antenna with band-notched characteristic using a coupling strip. , 2010, , .		5
46	Wideband microstrip antenna loaded by elliptical rings. Journal of Electromagnetic Waves and Applications, 2016, 30, 154-166.	1.6	5
47	Simple and Electrically Small EZR-MZR Resonator With Quasi-Isotropic Pattern. IEEE Journal of Radio Frequency Identification, 2017, 1, 170-175.	2.3	4
48	Knowledge-Based Neural Network for Thinned Array Modeling With Active Element Patterns. IEEE Transactions on Antennas and Propagation, 2022, 70, 11229-11234.	5.1	4
49	ARCHIMEDEAN SPIRAL ANTENNA WITH TWO OPPOSITE UNI-DIRECTIONAL CIRCULARLY POLARIZED RADIATION BANDS DESIGNED BY RESONANCE BASED REFLECTORS. Progress in Electromagnetics Research Letters, 2017, 70, 23-30.	0.7	3
50	Multiobject Design of a 3-D-Printed All-Dielectric Lens Antenna by an Automatic Synthesis Algorithm. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 978-982.	4.0	3
51	A WIDEBAND ELLIPTICAL BOWTIE IMPULSE ANTENNA. Progress in Electromagnetics Research Letters, 2010, 15, 37-43.	0.7	2
52	T/L-SHAPED ZERO-ORDER RESONATORS LOADED MICROSTRIP ANTENNA WITH ENHANCED BANDWIDTH FOR WIRELESS APPLICATIONS. Progress in Electromagnetics Research C, 2018, 80, 157-166.	0.9	2
53	A dual-function switchable and frequency tunable active frequency selective surface. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22897.	1.2	2
54	Neural Network With Fourier Series-Based Transfer Functions for Filter Modeling. IEEE Microwave and Wireless Components Letters, 2022, 32, 823-826.	3.2	2

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55	Design of a circularly polarized omni-directional ZOR antenna for 5G millimeter wave. , 2017, , .		1
56	MZR RESONATORS ETCHED IN MICROSTRIP PATCH WITH ENHANCED BANDWIDTH AND REDUCED SIZE. Progress in Electromagnetics Research M, 2018, 76, 197-205.	0.9	1
57	Quasi-Two-Dimensional Hyperbolic Metamaterial for Mid-Infrared Wave Multiple Collimations. IEEE Nanotechnology Magazine, 2019, 18, 542-552.	2.0	1
58	ARCHIMEDEAN SPIRAL ANTENNA LOADED BY FREQUENCY SELECTIVE SURFACE. Progress in Electromagnetics Research M, 2020, 95, 199-209.	0.9	1
59	The Nonlinear Designs on a Frequency-Tunable THz Gyrotron With Three Frequency Regimes at 140, 250, and 263 GHz. IEEE Transactions on Plasma Science, 2021, 49, 1247-1252.	1.3	1
60	Bandwidth enhancement of the omni-directional and circularly-polarized <scp>EZRaMZR</scp> antenna. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22731.	1.2	1
61	Dynamically Tunable of Terahertz Waves Based on Graphene Metasurface. , 2020, , .		1
62	A novel periodic defected ground structure for microstrip line with improved performances. , 2009, , .		0
63	A back-to-back planar folded dipole on EBG substrate. , 2009, , .		0
64	Wideband planar open-sleeve dipole on magnetic dielectric material based EBG substrate. , 2009, , .		0
65	Miniature filters based on Metamaterials with transmission zeros and wide upper-stopband performance. , 2009, , .		0
66	Design of a compact, wide stopband microstrip band-pass filter. Microwave and Optical Technology Letters, 2010, 52, 830-833.	1.4	0
67	Ultra-compact UHF Band-pass Filter Designed by Archimedes Spiral Capacitor and Shorted-loaded Stubs. Frequenz, 2014, .	0.9	0
68	A Novel Single-Negative Metamaterial Isolator For Compact Wideband Circular Polarization Antenna Array. , 2018, , .		0
69	A novel antipodal Vivaldi antenna loaded by linear array of sandglass-type directors for wideband radiation characteristics improvement. Microwave and Optical Technology Letters, 2019, 61, 2354-2359.	1.4	0
70	Polarization and bandwidth improvements of a zeroth-order resonators loaded microstrip antenna with grid polarization filter cover and metallic cavity. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22445.	1.2	0
71	Dynamically tunable of plasmon induced transparency based on Graphene metamaterials. , 2021, , .		0
72	Design of a Polarization-Reconfigurable and Frequency-Tunable Active Metasurface. , 2020, , .		0

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73	A compact S-band band-pass filter with ultra-wide stopband. Frequenz, 2022, .	0.9	0