

Lin Peng

List of Publications by Year in descending order

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73
papers

1,155
citations

430874

18
h-index

414414

32
g-index

73
all docs

73
docs citations

73
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	An Efficient Knowledge-Based Artificial Neural Network for the Design of Circularly Polarized 3-D-Printed Lens Antenna. IEEE Transactions on Antennas and Propagation, 2022, 70, 5007-5014.	5.1	12
2	Neural Network With Fourier Series-Based Transfer Functions for Filter Modeling. IEEE Microwave and Wireless Components Letters, 2022, 32, 823-826.	3.2	2
3	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
4	A compact S-band band-pass filter with ultra-wide stopband. Frequenz, 2022, .	0.9	0
5	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
6	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
7	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
8	Bandwidth enhancement of the omniâ€directional and circularlyâ€polarized <sc>EZRâ€MZR</sc> antenna. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22731.	1.2	1
9	An <i>S</i>-Band Fabryâ€Perot Cavity Antenna With Wide 1 dB Gain Bandwidth. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 963-967.	4.0	7
10	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
11	A dualâ€function switchable and frequency tunable active frequency selective surface. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22897.	1.2	2
12	An Ultrawideband and High-Aperture-Efficiency All-Dielectric Lens Antenna. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2442-2446.	4.0	8
13	Dynamically tunable of plasmon induced transparency based on Graphene metamaterials. , 2021, , .		0
14	Polarization and bandwidth improvements of a zerothâ€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
15	ARCHIMEDEAN SPIRAL ANTENNA LOADED BY FREQUENCY SELECTIVE SURFACE. Progress in Electromagnetics Research M, 2020, 95, 199-209.	0.9	1
16	Design and Analysis of a Wideband Low-Scattering Endfire Antenna Using a Moth Tail-Inspired Metamaterial Absorber and a Surface Waveguide. IEEE Transactions on Antennas and Propagation, 2020, 68, 1411-1418.	5.1	12
17	Lowâ€profile and wideband gain enhanced Fabryâ€Perot cavity antenna using gradient PRS and AMC. IET Microwaves, Antennas and Propagation, 2020, 14, 1952-1959.	1.4	10
18	Design of a Polarization-Reconfigurable and Frequency-Tunable Active Metasurface. , 2020, , .		0

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19	Dynamically Tunable of Terahertz Waves Based on Graphene Metasurface. , 2020, , .		1
20	Quasi-Two-Dimensional Hyperbolic Metamaterial for Mid-Infrared Wave Multiple Collimations. IEEE Nanotechnology Magazine, 2019, 18, 542-552.	2.0	1
21	A novel antipodal Vivaldi antenna loaded by linear array of sandglassâ€type directors for wideband radiation characteristics improvement. Microwave and Optical Technology Letters, 2019, 61, 2354-2359.	1.4	0
22	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
23	A Low-Profile and Wideband Unidirectional Antenna Using Bandwidth Enhanced Resonance-Based Reflector for Fifth Generation (5G) Systems Applications. IEEE Access, 2019, 7, 27352-27361.	4.2	9
24	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
25	An Ultra-Broadband Terahertz Absorber Based on Coplanar Graphene and Gold Hybridized Metasurface. Plasmonics, 2019, 14, 1057-1061.	3.4	11
26	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
27	Ultra-Wideband and High Gain Fabry-Perot Cavity Antenna Using Frequency Selective Surface and Parasitic Patch. , 2018, , .		6
28	Multi-functional Device with Switchable Functions of Absorption and Polarization Conversion at Terahertz Range. Nanoscale Research Letters, 2018, 13, 385.	5.7	19
29	MZR RESONATORS ETCHED IN MICROSTRIP PATCH WITH ENHANCED BANDWIDTH AND REDUCED SIZE. Progress in Electromagnetics Research M, 2018, 76, 197-205.	0.9	1
30	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
31	A Novel Single-Negative Metamaterial Isolator For Compact Wideband Circular Polarization Antenna Array. , 2018, , .		0
32	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
33	Bandwidth enhancement of microstrip antenna loaded by parasitic zerothâ€order resonators. Microwave and Optical Technology Letters, 2017, 59, 1096-1100.	1.4	15
34	Design and Analysis of a New ZOR Antenna with Wide Half Power Beam Width (HPBW) Characteristic. Frequenz, 2017, 71, 41-50.	0.9	6
35	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
36	Front to Back Ratio Bandwidth Enhancement of Resonance Based Reflector Antenna by Using a Ring-Shape Director and Its Time-Domain Analysis. IEEE Access, 2017, 5, 15318-15325.	4.2	14

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37	EZR-MZR Resonators for Compact Low-Profile Omnidirectional Circular-Polarized Antenna Design. IEEE Photonics Journal, 2017, 9, 1-15.	2.0	10
38	Simple and Electrically Small EZR-MZR Resonator With Quasi-Isotropic Pattern. IEEE Journal of Radio Frequency Identification, 2017, 1, 170-175.	2.3	4
39	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
40	Design of a circularly polarized omni-directional ZOR antenna for 5G millimeter wave. , 2017, , .		1
41	Resonance-Based Reflector and Its Application in Unidirectional Antenna with Low-Profile and Broadband Characteristics for Wireless Applications. Sensors, 2016, 16, 2092.	3.8	10
42	UWB Bi-directional Bow-tie antenna loaded by rings. Journal of the Korean Physical Society, 2016, 69, 22-30.	0.7	6
43	CPW Fed UWB Antenna by EBGs With Wide Rectangular Notched-Band. IEEE Access, 2016, 4, 9545-9552.	4.2	52
44	Bandwidth Enhanced L-Shaped Patch Antenna with Parasitic Element for 5.8-GHz Wireless Local Area Network Applications. Wireless Personal Communications, 2016, 91, 1163-1170.	2.7	9
45	Wideband microstrip antenna loaded by elliptical rings. Journal of Electromagnetic Waves and Applications, 2016, 30, 154-166.	1.6	5
46	Investigation on Ring/Split-Ring Loaded Bow-Tie Antenna for Compactness and Notched-Band. Frequenz, 2016, 70, .	0.9	7
47	Ultra-compact UHF Band-pass Filter Designed by Archimedes Spiral Capacitor and Shorted-loaded Stubs. Frequenz, 2014, .	0.9	0
48	Circular-polarized compact low-profile omni-directional antenna. , 2013, , .		7
49	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
50	Compact EBG for Multi-Band Applications. IEEE Transactions on Antennas and Propagation, 2012, 60, 4440-4444.	5.1	40
51	UWB Band-Notched Monopole Antenna Design Using Electromagnetic-Bandgap Structures. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 1074-1081.	4.6	204
52	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
53	Design of a novel planar ultrawideband antenna with 3.5 and 5.5 GHz dual band notch characteristics. Microwave and Optical Technology Letters, 2011, 53, 370-375.	1.4	15
54	Design of a compact, wide stopband microstrip bandpass filter. Microwave and Optical Technology Letters, 2010, 52, 830-833.	1.4	0

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55	A WIDEBAND ELLIPTICAL BOWTIE IMPULSE ANTENNA. Progress in Electromagnetics Research Letters, 2010, 15, 37-43.	0.7	2
56	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
57	Compact, broadband waveguide-to-microstrip transition using slotline antenna. , 2010, , .		5
58	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
59	Design and Analysis of Planar Antenna with Dual WLAN Band-Notched for Integrated Bluetooth and UWB Applications. Journal of Electromagnetic Waves and Applications, 2010, 24, 1817-1828.	1.6	18
60	Compact UWB antenna with band-notched characteristic using a coupling strip. , 2010, , .		5
61	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
62	Analysis of the small slot-loaded elliptical patch antenna with a band-notched for UWB applications. Microwave and Optical Technology Letters, 2009, 51, 973-976.	1.4	17
63	A novel periodic defected ground structure for microstrip line with improved performances. , 2009, , .		0
64	A back-to-back planar folded dipole on EBG substrate. , 2009, , .		0
65	Wideband planar open-sleeve dipole on magnetic dielectric material based EBG substrate. , 2009, , .		0
66	Miniature filters based on Metamaterials with transmission zeros and wide upper-stopband performance. , 2009, , .		0
67	Wide-band Ultralow-profile Compact Microstrip Antenna Loaded by Slots. Journal of Electromagnetic Waves and Applications, 2008, 22, 1099-1105.	1.6	5
68	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
69	A NOVEL COMPACT ARCHIMEDEAN SPIRAL ANTENNA WITH GAP-LOADING. Progress in Electromagnetics Research Letters, 2008, 3, 169-177.	0.7	42
70	A NOVEL ULTRA-WIDEBAND BOW-TIE SLOT ANTENNA IN WIRELESS COMMUNICATION SYSTEMS. Progress in Electromagnetics Research Letters, 2008, 1, 101-108.	0.7	81
71	A Novel Compact Broadband Microstrip Antenna. , 2007, , .		9
72	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

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73	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