

Xian Qi Lin

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.

94
papers

1,088
citations

20
h-index

29
g-index

137
ext. papers

1,502
ext. citations

3
avg, IF

4.83
L-index

#	Paper	IF	Citations
94	A Low-Profile Wideband Dual-Resonance Tri-Port MIMO Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	1
93	On the Study of Reconfigurable Intelligent Surfaces in the Near-Field Region. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	1
92	Low-RCS Broadband Phased Array Using Polarization Selective Metamaterial Surface. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	3
91	Probe-fed dipole antenna with parasitic patches for wideband and wide-scanning planar phased arrays. <i>IET Microwaves, Antennas and Propagation</i> , 2021 , 15, 529-535	1.6	
90	A Microwave Ablation Antenna Based on Substrate-Integrated Coaxial Line. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 713-717	3.8	2
89	Reconfigurable intelligent surfaces for smart wireless environments: channel estimation, system design and applications in 6G networks. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	11
88	Noncontact Group-Delay-Based Sensor for Metal Deformation and Crack Detection. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 7613-7619	8.9	11
87	Regionally Tunable Microwave Heating Technology Using Time-Frequency-Space Domain Synthesis Modulation Method. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 10240-10247	8.9	0
86	Design of Broadband Wide-Angle Scatterer Surface Using Artificial Dielectric Layers. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	
85	Wideband Design of Compact Monopole-Like Circular Patch Antenna Using Modal Analysis. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	2
84	Group delay modulation based on multimode electromagnetically induced transparency. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 1377-1381	1.2	
83	Generation of Ka-Band Accelerating and Self-Bending Beam by Series-Fed Patch Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 239-243	3.8	0
82	A Dual-Wideband Structure-Shared Antenna With Self-Diplexing Property for High-Power Microwave Application. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 4201-4205	4.9	
81	Analysis, Design, and Implementation of Miniaturized Multimode Waveguide Filters Based on Epsilon-Near-Zero Channel Concept. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 69, 3598-3606	4.1	1
80	Generation of a High-Gain Bidirectional Transmit/Reflect-Array Antenna With Asymmetric Beams Using Sparse-Array Method. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 6087-6092	4.9	1
79	Design of A Triple Band Shared Aperture Antenna with High Figures of Merit. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	4
78	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 2154-2158	3.8	5

77	High-Isolation Two-Port UWB Antenna Based on Shared Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 8186-8191	4.9	3
76	Single-Layer Mode Composite Coplanar Waveguide Dual-Band Filter With Large Frequency Ratio. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 2320-2330	4.1	6
75	Mode Composite Sandwich Slot Line and its Applications in Antenna Development. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4250-4258	4.9	9
74	A BROADBAND MICROSTRIP-TO-WAVEGUIDE END-WALL PROBE TRANSITION AND ITS APPLICATION IN WAVEGUIDE TERMINATION. <i>Progress in Electromagnetics Research Letters</i> , 2020 , 89, 99-104	0.5	3
73	Miniaturized frequency-tunable self-quadruplexing four-element MIMO antenna system. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 973-979	1.6	3
72	Perforated Multilayer Ultrawideband Absorber Based on Circuit Analog Absorber With Optimal Air Spaces. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 34-38	3.8	14
71	W-band flat lens antenna with compact size and broadband performance. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 1047-1052	1.6	1
70	Dual-Band Structure-Shared Antenna With Large Frequency Ratio for 5G Communication Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 2339-2343	3.8	9
69	Ka-band multi-focus and pattern manipulation in near-field based on three-dimensional printed transmit-array antenna. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 510-514	1.6	1
68	A Planar Multifunctional Four-Port Antenna System for Sub-Urban Mobile Tablet. <i>IEEE Access</i> , 2019 , 7, 56986-56993	3.5	4
67	A Millimeter-Wave Gain-Filtering Transmitarray Antenna Design Using a Hybrid Lens. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 1362-1366	3.8	7
66	. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 5362-5371	4.9	20
65	Dual-Band Coaperture Antenna Based on a Single-Layer Mode Composite Transmission Line. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 4825-4829	4.9	13
64	A Triple-Band Absorber With Wide Absorption Bandwidths Using an Impedance Matching Theory. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 521-525	3.8	16
63	Design of an Absorptive FabryPerot Polarizer and Its Application. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 1352-1356	3.8	5
62	Mode Composite Coplanar Waveguide. <i>IEEE Access</i> , 2019 , 7, 109278-109288	3.5	6
61	A Low-Profile Patch Antenna With Monopole-Like Radiation Patterns 2019 ,		2
60	Structure-Shared Planar UWB MIMO Antenna With High Isolation for Mobile Platform. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 2735-2738	4.9	34

59	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 582-589	4.9	46
58	Wideband filtering power divider with deep and wide stopband. <i>International Journal of Microwave and Wireless Technologies</i> , 2018 , 10, 1011-1018	0.8	1
57	Theoretical analysis and design of a compact analogue phase shifter with constant low insertion loss. <i>Electronics Letters</i> , 2018 , 54, 517-519	1.1	4
56	Compact mechanically frequency and pattern reconfigurable patch antenna. <i>IET Microwaves, Antennas and Propagation</i> , 2018 , 12, 1864-1869	1.6	9
55	A Compact Frequency-Reconfigurable 36-States Patch Antenna for Wireless Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 1349-1353	3.8	20
54	A Miniaturized Extremely Close-Spaced Four-Element Dual-Band MIMO Antenna System With Polarization and Pattern Diversity. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 134-137	3.8	57
53	A Low Radar Cross Section and Low Profile Antenna Co-Designed With Absorbent Frequency Selective Radome. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 409-413	4.9	28
52	A Near Field Focused Lens Antenna for Wireless Power Transmission Systems 2018 ,		1
51	3D Radiation Pattern Reconfigurable Phased Array for Transmission Angle Sensing in 5G Mobile Communication. <i>Sensors</i> , 2018 , 18,	3.8	13
50	A Group-Delay-Based Sensor Using Active EIT-Like Effect With Double Sensing Applications. <i>IEEE Sensors Journal</i> , 2018 , 18, 9251-9256	4	5
49	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 6921-6929	4.9	33
48	Tunable dual-mode filtering power divider with harmonic suppression. <i>IEICE Electronics Express</i> , 2018 , 15, 20180321-20180321	0.5	
47	Frequency reconfigurable filtering power divider with a single varactor. <i>IEICE Electronics Express</i> , 2018 , 15, 20180022-20180022	0.5	
46	\$W\$ -Band Low-Profile Transmitarray Antenna Using Different Types of FSS Units. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 4613-4619	4.9	16
45	Dual-band linearly and circularly polarized microstrip patch antennas with meandering slot and metallic vias. <i>International Journal of Microwave and Wireless Technologies</i> , 2017 , 9, 341-348	0.8	2
44	A wideband bandpass filter with multi-mode resonator and mixed electromagnetic coupling. <i>International Journal of Microwave and Wireless Technologies</i> , 2017 , 9, 1653-1659	0.8	2
43	A Band-Notched Absorber Designed With High Notch-Band-Edge Selectivity. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 3560-3567	4.9	30
42	A Highly Integrated Independently Tunable Triple-Band Patch Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 2216-2219	3.8	15

41	A Tunable Dual-Fed Self-Diplexing Patch Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 2874-2879	4.9	23
40	Design and Analysis of EMIT Filter and Diplexer. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 3058-3066	3.3	6
39	Compact dual-band antennas with large frequency ratio and bandwidth enhancement for wireless applications. <i>International Journal of Microwave and Wireless Technologies</i> , 2017 , 9, 1131-1138	0.8	1
38	2.45-GHz wideband harmonic rejection rectenna for wireless power transfer. <i>International Journal of Microwave and Wireless Technologies</i> , 2017 , 9, 977-983	0.8	9
37	Miniaturized Single-Feed Multiband Patch Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 850-854	4.9	61
36	Wide stopband bandpass filters based on quarter-wavelength resonators. <i>IET Microwaves, Antennas and Propagation</i> , 2017 , 11, 1379-1388	1.6	6
35	Compact highly integrated wide-tunable unidirectional dual-band patch antenna for wireless applications. <i>IET Microwaves, Antennas and Propagation</i> , 2017 , 11, 2194-2200	1.6	2
34	Development of a Resistor-Loaded Ultrawideband Absorber With Antenna Reciprocity. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 4910-4913	4.9	42
33	A Novel Dual-Band Bandpass E-plane Filter Using Compact Resonators. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 484-486	2.6	14
32	Wideband Dual-Polarization Patch Antenna Array With Parallel Strip Line Balun Feeding. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016 , 15, 1499-1501	3.8	25
31	A Dual-Band Frequency-Tunable Magnetic Dipole Antenna for WiMAX/WLAN Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016 , 15, 492-495	3.8	24
30	An EIT-Based Compact Microwave Sensor With Double Sensing Functions. <i>IEEE Sensors Journal</i> , 2016 , 16, 293-298	4	18
29	A wideband power divider with bandpass response. <i>International Journal of Microwave and Wireless Technologies</i> , 2016 , 8, 583-590	0.8	3
28	A Miniaturized Evanescent Mode Waveguide Filter Using RRRs. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016 , 64, 1989-1996	4.1	9
27	Analogue of electromagnetically induced transparency with modulatable transmission. <i>Electronics Letters</i> , 2015 , 51, 1132-1134	1.1	2
26	A Novel Compact $SE\bar{S}$ -Plane Waveguide Filter With Multiple Transmission Zeroes. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015 , 63, 3374-3380	4.1	23
25	A Dual-Mode Substrate Integrated Waveguide Filter With Controllable Transmission Zeros. <i>IEEE Microwave and Wireless Components Letters</i> , 2015 , 25, 576-578	2.6	27
24	A compact substrate integrated spiral resonator for wireless power transfer 2015 ,		1

23	A wideband mixer designed with low conversion loss through the entire W-band. <i>Journal of Electromagnetic Waves and Applications</i> , 2015 , 29, 275-282	1.3	1
22	MICROSTRIP BANDPASS FILTERS BASED ON INDUCTIVE-COUPLED STEPPED-IMPEDANCE QUARTER-WAVELENGTH RESONATORS. <i>Progress in Electromagnetics Research Letters</i> , 2014 , 44, 101-106 ^{0.5}		2
21	A microstrip bandpass filter based on inductive coupled quarter-wavelength resonators. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 1031-1033	1.2	7
20	Analysis of Different Loop Resonators and Their Application in Band-Stop Filter Design. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 2241-2244	1.2	0
19	High Selective Bandpass Filter Using Inductive-Coupled Quarter-Wavelength Stepped-Impedance Resonators. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 3010-3014	1.2	2
18	Compact Diplexer With High Isolation Using the Dual-Mode Substrate Integrated Waveguide Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , 2013 , 23, 459-461	2.6	59
17	Metamaterial-inspired waveguide filters with compact size and sharp skirt selectivity. <i>Journal of Electromagnetic Waves and Applications</i> , 2013 , 27, 224-232	1.3	5
16	Electric Split-Ring Resonator Based on Double-Sided Parallel-Strip Line. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 69-71	3.8	9
15	UNDERSTAND AND REALIZE AN "INVISIBLE GATEWAY" IN A CLASSICAL WAY. <i>Progress in Electromagnetics Research</i> , 2013 , 141, 739-749	3.8	3
14	Novel Flexible Dual-Frequency Broadside Radiating Rectangular Patch Antennas Based on Complementary Planar ENZ or MNZ Metamaterials. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 3958-3961	4.9	17
13	Double-layer dual-mode SIW filter using via perturbation 2012 ,		5
12	Tunable bandpass filter using varactor-loaded quarter-wavelength resonator 2012 ,		2
11	AN IMPROVED CRLH WIDE-BAND FILTER USING CSRRS WITH HIGH STOP BAND REJECTION. <i>Progress in Electromagnetics Research Letters</i> , 2012 , 32, 119-127	0.5	1
10	A decoupling technique for increasing the port isolation between two closely packed antennas 2012 ,		7
9	IMPROVED CRLH-TL WITH ARBITRARY CHARACTERISTIC IMPEDANCE AND ITS APPLICATION IN HYBRID RING DESIGN. <i>Progress in Electromagnetics Research</i> , 2012 , 124, 249-263	3.8	11
8	A four-way half-mode SIW power divider with improved impedance match 2011 ,		3
7	Novel Composite Phase-Shifting Transmission-Line and Its Application in the Design of Antenna Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 375-380	4.9	2
6	Controlling the Bandwidth of Split Ring Resonators. <i>IEEE Microwave and Wireless Components Letters</i> , 2008 , 18, 245-247	2.6	26

5	A Novel Miniaturized Printed Planar Antenna Using Split-Ring Resonator. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2008 , 7, 629-631	3.8	28
4	Realization and Experimental Verification of Chiral Cascaded Circuit. <i>IEEE Microwave and Wireless Components Letters</i> , 2008 , 18, 308-310	2.6	2
3	Controlling electromagnetic waves using tunable gradient dielectric metamaterial lens. <i>Applied Physics Letters</i> , 2008 , 92, 131904	3.4	49
2	Design and Analysis of Super-Wide Bandpass Filters Using a Novel Compact Meta-Structure. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2007 , 55, 747-753	4.1	27
1	Arbitrarily dual-band components using simplified structures of conventional CRLH TLs. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2006 , 54, 2902-2909	4.1	37