

Huiqing Zhai

List of Publications by Year in descending order

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89
papers

1,092
citations

516710

16
h-index

434195

31
g-index

89
all docs

89
docs citations

89
times ranked

966
citing authors

#	ARTICLE	IF	CITATIONS
1	A Compact Printed Antenna for Triple-Band WLAN/WiMAX Applications. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 65-68.	4.0	117
2	A Low-Profile Dual-Band Dual-Polarized Antenna With an AMC Surface for WLAN Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2692-2695.	4.0	103
3	A Low-Profile Dual-Polarized High-Isolation MIMO Antenna Arrays for Wideband Base-Station Applications. IEEE Transactions on Antennas and Propagation, 2018, 66, 191-202.	5.1	97
4	A Compact Single-Layer Wideband Microstrip Antenna With Filtering Performance. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 801-805.	4.0	84
5	A Dual-Polarized Frequency-Reconfigurable Low-Profile Antenna With Harmonic Suppression for 5G Application. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1228-1232.	4.0	81
6	Compact UWB Band-Notched Antenna Design Using Interdigital Capacitance Loading Loop Resonator. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 724-727.	4.0	68
7	Compact UWB Antenna With Tunable Band-Notched Characteristic Based on Microstrip Open-Loop Resonator. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1584-1587.	4.0	60
8	A Dual-Polarized Filtering Base-Station Antenna With Compact Size for 5G Applications. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1316-1320.	4.0	43
9	Frequency-Reconfigurable Quasi-Sierpinski Antenna Integrating With Dual-Band High-Impedance Surface. IEEE Transactions on Antennas and Propagation, 2014, 62, 4459-4467.	5.1	39
10	A dual-band wide-angle polarization-insensitive ultrathin gigahertz metamaterial absorber. Microwave and Optical Technology Letters, 2013, 55, 1606-1609.	1.4	30
11	A Miniaturized Absorber Frequency Selective Surface With Good Angular Stability. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 24-28.	4.0	22
12	Reconfigurable wideband metamaterial absorber with wide angle and polarisation stability. Electronics Letters, 2015, 51, 1624-1626.	1.0	19
13	A stub-loaded reconfigurable broadband metamaterial absorber with wide-angle and polarization stability. Journal of Electromagnetic Waves and Applications, 2017, 31, 447-459.	1.6	19
14	A new CPW-fed broadband circularly polarized printed monopole antenna for UWB application. Microwave and Optical Technology Letters, 2018, 60, 364-369.	1.4	18
15	Sierpinski Space-Filling Curves and Their Application in High-Speed Circuits for Ultrawideband SSN Suppression. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 568-571.	4.0	17
16	A Compact Microstrip Antenna With Enhanced Bandwidth and Ultra-Wideband Harmonic Suppression. IEEE Transactions on Antennas and Propagation, 2019, 67, 1969-1974.	5.1	17
17	A Novel Differentially Fed Dual-Polarized Filtering Magneto-Electric Dipole Antenna for 5G Base Station Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 5373-5382.	5.1	15
18	A new tunable dual-band metamaterial absorber with wide-angle TE and TM polarization stability. Journal of Electromagnetic Waves and Applications, 2015, 29, 774-785.	1.6	14

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19	A new dual-band microstrip antenna array with high isolation by waveguided metamaterial structure. Microwave and Optical Technology Letters, 2019, 61, 1365-1370.	1.4	14
20	Design of a Composite Decoupling Structure for Dual-Band Dual-Polarized Base Station Array. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1408-1412.	4.0	12
21	A compact ultra-wideband antenna with four band-notched characteristics. Microwave and Optical Technology Letters, 2012, 54, 2862-2865.	1.4	11
22	A new filter antenna using improved stepped impedance hairpin resonator. Microwave and Optical Technology Letters, 2017, 59, 2934-2938.	1.4	10
23	A dual-band circularly polarized planar monopole antenna for Wireless Local Area Network/Worldwide Interoperability for Microwave Access applications. Microwave and Optical Technology Letters, 2019, 61, 399-404.	1.4	10
24	A compact ultrawideband antenna with two band-notches. Microwave and Optical Technology Letters, 2013, 55, 583-586.	1.4	9
25	Compact Co-Polarized Decoupled Microstrip Patch Array Antenna Based on TM_{02} / TM_{03} Modes Cancellation. IEEE Transactions on Antennas and Propagation, 2022, 70, 9906-9911.	5.1	9
26	Reduction of Mutual Coupling Between PIFA Antennas for Dual-Band WiMAX Operations. Microwave and Optical Technology Letters, 2013, 55, 2321-2324.	1.4	8
27	High-Capacity Compact Massive MIMO Array With Hybrid Decoupling Scheme. IEEE Transactions on Antennas and Propagation, 2022, 70, 9292-9304.	5.1	8
28	Frequency reconfigurable bow-tie antenna array. Electronics Letters, 2014, 50, 1264-1266.	1.0	6
29	A novel dual-band tunable band-notched antenna. Microwave and Optical Technology Letters, 2017, 59, 3014-3018.	1.4	6
30	A new miniaturized frequency selective surface designed for Ku-band absorption and low-frequency bandpass. Microwave and Optical Technology Letters, 2020, 62, 315-321.	1.4	6
31	Miniaturized frequency selective resistor with a X-band transmission band using cross band resonator. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22550.	1.2	6
32	A high-selectivity dual-polarization filtering antenna with metamaterial for 5G application. Microwave and Optical Technology Letters, 2019, 61, 63-67.	1.4	5
33	An angular-stable multi-layer reconfigurable frequency selective surface based on varactor with wide tuning range. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22049.	1.2	5
34	A polarization-stable frequency selective resistor with miniaturized elements and wideband absorbing properties. Microwave and Optical Technology Letters, 2020, 62, 1643-1650.	1.4	5
35	A reconfigurable frequency selective surface with wide reconfigurable passband and angular stability property. Microwave and Optical Technology Letters, 2020, 62, 2189-2194.	1.4	5
36	A compact multimode broadband dual-polarized base station antenna for LTE and 5G applications. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22598.	1.2	5

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37	A Compact Ultrawideband Frequency Selective Resorber With Hybrid 2-D and 3-D Structure. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1872-1876.	4.0	5
38	Experimental and numerical study of highly sensitive displacement sensors based on photonic crystals at microwave band. Microwave and Optical Technology Letters, 2012, 54, 432-434.	1.4	4
39	A high isolation dual-band MIMO antenna array for multiaccess mobile terminals. Microwave and Optical Technology Letters, 2015, 57, 672-677.	1.4	4
40	A new wide stopband and high gain quasi-Yagi filtering antenna. Microwave and Optical Technology Letters, 2019, 61, 131-135.	1.4	4
41	A low-profile antenna system with compact new structure for reducing mutual coupling. Journal of Electromagnetic Waves and Applications, 2019, 33, 71-83.	1.6	4
42	UWB-MIMO antenna decoupling based on a wideband parasitic unit structure. , 2020, , .		4
43	A Method for Increasing the Channel Capacity of MIMO Antenna for Base Station Array. , 2021, , .		4
44	High-gain polarization reconfigurable antenna applied to 5G communication frequency band. , 2020, , .		4
45	A frequency-reconfigurable triple-band antenna with lumped components for wireless applications. Microwave and Optical Technology Letters, 2015, 57, 1374-1379.	1.4	3
46	A low-profile dual-band antenna loaded with the AMC surface. , 2017, , .		3
47	A compact low profile dual-polarized filtering antenna with metamaterial for wideband base station applications. Microwave and Optical Technology Letters, 2018, 60, 64-69.	1.4	3
48	A low-profile broadband circular polarization filtering antenna. Microwave and Optical Technology Letters, 2018, 60, 3029-3033.	1.4	3
49	A miniaturized absorbed frequency selective surface based on square resistor ring with low radar cross section. Microwave and Optical Technology Letters, 2019, 61, 2527-2533.	1.4	3
50	Dual-band decoupling and wideband harmonic suppression for asymmetric antenna pair by using filtering structures. Microwave and Optical Technology Letters, 2020, 62, 3581-3588.	1.4	3
51	Reduction of dual-band mutual couplings between two antennas by dual-band single-negative epsilon metamaterials. Journal of Electromagnetic Waves and Applications, 2014, 28, 281-288.	1.6	2
52	A Novel Filtering Antenna with Wide Stopband. , 2018, , .		2
53	Design of A Filtering Monopole Antenna with Wideband Harmonic Rejection. , 2018, , .		2
54	A novel multifrequency mobile phone antenna with circularly polarized GPS application. Microwave and Optical Technology Letters, 2018, 60, 2033-2038.	1.4	2

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55	A new pattern-reconfigurable antenna with the function of 360° wide-beam scanning and main beam direction finely adjustable. Microwave and Optical Technology Letters, 2018, 60, 2076-2081.	1.4	2
56	A New Miniaturized Absorber Frequency Selective Surface for Low Frequency Wave Transmission and High Frequency Absorption. , 2019, , .		2
57	Higher isolation dual-frequency distinct coupled antennas based on integrated filtering structures. Microwave and Optical Technology Letters, 2019, 61, 261-266.	1.4	2
58	A new printed log-periodic dipole array (PLPDA) antenna with bandwidth broadening and gain improving. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22266.	1.2	2
59	A simple filtering patch antenna based on stub-loaded resonator. Microwave and Optical Technology Letters, 2021, 63, 1920-1926.	1.4	2
60	Design of a frequency selective rasorber with fast roll-off and wide absorption/transmission band. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22785.	1.2	2
61	Patch Antenna Array Decoupling Based on Polarization Conversion Frequency Selective Surface. , 2020, , .		2
62	High Isolation High Front-to-back Ratio Antenna Based on Slotted SIW. , 2021, , .		2
63	A broadband dual-polarized filtering base-station antenna for 5G communication applications. Microwave and Optical Technology Letters, 2022, 64, 911-917.	1.4	2
64	A Low-Profile Dual-Polarized MIMO Antenna Array with High Isolation. , 2018, , .		1
65	A new filtering monopole antenna with wideband harmonic suppression. Microwave and Optical Technology Letters, 2018, 60, 2268-2272.	1.4	1
66	A novel low profile antenna array with high isolation performance. Microwave and Optical Technology Letters, 2018, 60, 2227-2231.	1.4	1
67	A new miniaturized ultra-wideband planar equiangular spiral antenna. Microwave and Optical Technology Letters, 2019, 61, 1602-1606.	1.4	1
68	A Miniaturized Absorptive Frequency Selective Surface Applied to the RCS Reduction. , 2019, , .		1
69	A compact dual-polarized antenna using slotted patch with broad beam width. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22430.	1.2	1
70	A low-profile dual-polarized antenna with crosspolarization enhancement. Microwave and Optical Technology Letters, 2020, 62, 1997-2003.	1.4	1
71	A Low-Profile Wideband and Dual-Polarized Antenna With AMC Reflector. , 2021, , .		1
72	A Decoupling and Matching Network Design for Dual-Band Two-Element Antenna Arrays. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
73	A Compact Four Port MIMO Antenna Using Connected Neutral Lines for Enhanced Isolation. , 2021, , .		1
74	Decoupling of Wideband Dual-Polarized Base Station Antennas for Sub-6 GHz Applications. , 2020, , .		1
75	A Low-Profile Dual-Band and Dual-Polarized Antenna with AMC Reflector. , 2020, , .		1
76	An electromagnetic model for thin wire structure with different radius. , 2011, , .		0
77	A simple asymptotical model for analyzing wire antenna with different radius. Microwave and Optical Technology Letters, 2012, 54, 960-964.	1.4	0
78	Varactor-tuned dual band filter-antenna for wireless applications. , 2016, , .		0
79	A dual-band and dual-polarized fractal antenna for WLAN applications. , 2016, , .		0
80	A new dual-band miniaturized planar equiangular spiral antenna. Microwave and Optical Technology Letters, 2017, 59, 1378-1382.	1.4	0
81	A Novel Wideband Omnidirectional Circularly Polarized Antenna. , 2018, , .		0
82	A Transmitarray with Metamaterial for Beamforming in Ka-Band. , 2018, , .		0
83	A miniaturized substrate integrated waveguide end-fire antenna with improved E-plane radiation pattern for X and Ku bands. Microwave and Optical Technology Letters, 2019, 61, 443-448.	1.4	0
84	Multifunctional active reconfigurable frequency selective surface. , 2020, , .		0
85	Design of Miniaturised Frequency Selective Resorber with a Wide Absorptive Band. , 2020, , .		0
86	A Low-profile Broadband Antenna With High Cross-polarization Ratio. , 2021, , .		0
87	Broadband Base Station Antenna with Filtering Performance. , 2021, , .		0
88	Continuous frequency and isolation reconfigurable MIMO PIFA antennas using liquid materials. Microwave and Optical Technology Letters, 0, , .	1.4	0
89	A simple and effective broadband decoupling structure for UWB-MIMO antenna. International Journal of Microwave and Wireless Technologies, 0, , 1-6.	1.9	0