Wen Jiang

List of Publications by Year
in descending order

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53 papers	1,343 citations	361296 20 h-index	360920 35 g-index
53 all docs	53 docs citations	53 times ranked	982 citing authors

#	Article	IF	Citations
1	High-Isolation Eight-Element MIMO Array for 5G Smartphone Applications. IEEE Access, 2019, 7, 34104-34112.	2.6	126
2	Application of Bionics in Antenna Radar Cross Section Reduction. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 1275-1278.	2.4	122
3	Reconfigurable Linear-to-Linear Polarization Conversion Metasurface Based on PIN Diodes. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1722-1726.	2.4	84
4	Broadband SIW Cavity-Backed Modified Dumbbell-Shaped Slot Antenna. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 936-940.	2.4	65
5	A Dual-Band MIMO Antenna With Enhanced Isolation for 5G Smartphone Applications. IEEE Access, 2019, 7, 112554-112563.	2.6	64
6	Wideband RCS Reduction Using Polarization Conversion Metasurface and Partially Reflecting Surface. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2534-2537.	2.4	63
7	Dual-Band SIW Cavity-Backed Slot Array Using TM₀₂₀ and TM₁₂₀ Modes for 5G Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 3490-3495.	3.1	61
8	Low-RCS Monopolar Patch Antenna Based on a Dual-Ring Metamaterial Absorber. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 102-105.	2.4	60
9	Differential Evolution Algorithm and Method of Moments for the Design of Low-RCS Antenna. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 295-298.	2.4	53
10	Chessboard AMC Surface Based on Quasi-Fractal Structure for Wideband RCS Reduction. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 201-204.	2.4	51
11	Low-RCS Beam-Steering Antenna Based on Reconfigurable Phase Gradient Metasurface. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2016-2020.	2.4	50
12	Wideband RCS Reduction of Microstrip Antenna Array Using Coding Metasurface With LowQResonators and Fast Optimization Method. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 656-660.	2.4	46
13	Broadband and Low-Profile Penta-Polarization Reconfigurable Metamaterial Antenna. IEEE Access, 2020, 8, 21823-21831.	2.6	40
14	Highly Selective Frequency Selective Surface With Ultrawideband Rejection. IEEE Transactions on Antennas and Propagation, 2022, 70, 3459-3468.	3.1	38
15	Wideband Angular Stable Absorber Based on Spoof Surface Plasmon Polariton for RCS Reduction. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1058-1062.	2.4	36
16	Ultrawideband High-Efficiency 2.5-Dimensional Polarization Conversion Metasurface and Its Application in RCS Reduction of Antenna. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 881-885.	2.4	34
17	Design of a dualâ€beam cavityâ€backed patch antenna for future fifth generation wireless networks. IET Microwaves, Antennas and Propagation, 2018, 12, 1700-1703.	0.7	25
18	A Dual-Polarized 2-D Monopulse Antenna Array for Conical Conformal Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 5479-5488.	3.1	25

#	Article	IF	Citations
19	Wideband Multimode Filtering Circular Patch Antenna. IEEE Transactions on Antennas and Propagation, 2021, 69, 7249-7259.	3.1	24
20	Wideband Circularly Polarized Microstrip Patch Antenna With Multimode Resonance. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 533-537.	2.4	23
21	Low-Profile Wideband CTS Array Using Substrate-Integrated Waveguide Technology for K -Band Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 5711-5716.	3.1	20
22	A Wideband Metal-Only Transmitarray With Two-Layer Configuration. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1347-1351.	2.4	18
23	A novel monopole antenna for ultra-wide band application. Microwave and Optical Technology Letters, 2010, 52, 2694-2696.	0.9	16
24	RCS reduction and gain enhancement based on holographic metasurface and PRS. IET Microwaves, Antennas and Propagation, 2018, 12, 931-936.	0.7	16
25	Low-SAR Antenna Design and Implementation for Mobile Phone Applications. IEEE Access, 2021, 9, 96444-96452.	2.6	14
26	Novel technique for RCS reduction of circularly polarized microstrip antennas. Journal of Electromagnetic Waves and Applications, 2013, 27, 1077-1088.	1.0	12
27	Wideband RCS Reduction of Microstrip Array Antenna Based on Absorptive Frequency Selective Surface and Microstrip Resonators. International Journal of Antennas and Propagation, 2017, 2017, 1-11.	0.7	12
28	Doubleâ€layer miniaturisedâ€element metasurface for RCS reduction. IET Microwaves, Antennas and Propagation, 2017, 11, 705-710.	0.7	11
29	Design of miniaturised frequency selective rasorber using parallel LC resonators. IET Microwaves, Antennas and Propagation, 2019, 13, 554-558.	0.7	11
30	A 2.5-D Miniaturized Frequency-Selective Rasorber With a Wide High-Transmission Passband. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1140-1144.	2.4	11
31	Low RCS and broadband metamaterialâ€based lowâ€profile antenna using PCM. IET Microwaves, Antennas and Propagation, 2018, 12, 1793-1798.	0.7	10
32	Method to Estimate Antenna Mode Radar Cross Section of Large-Scale Array Antennas. IEEE Transactions on Antennas and Propagation, 2021, 69, 7029-7034.	3.1	10
33	Wideband RCS reduction of slotâ€coupled patch antenna by AMC structure. Electronics Letters, 2017, 53, 1454-1456.	0.5	9
34	Wideband Polarization Conversion Metasurface for RCS Reduction of Antennas. International Journal of Antennas and Propagation, 2018, 2018, 1-8.	0.7	9
35	A Mesh-Type Low RCS Reflectarray Antenna Based on Spoof Surface Plasmon Polariton. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 224-228.	2.4	8
36	A switchable polarisation conversion/inâ€phase reflection metasurface and its application. IET Microwaves, Antennas and Propagation, 2021, 15, 1688-1698.	0.7	8

#	Article	IF	Citations
37	A 3-D Wide Passband Frequency Selective Surface With Sharp Roll-Off Sidebands and Angular Stability. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 252-256.	2.4	7
38	An Interlaced Grid Dual-Band Dual-Polarized Bandpass FSS With a Large Band Ratio. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1027-1031.	2.4	7
39	Novel ultrawideband monopole antenna with miniaturized size. Microwave and Optical Technology Letters, 2011, 53, 1176-1178.	0.9	6
40	Dual-Band Frequency Selective Surface With Compact Dimension and Low Frequency Ratio. IEEE Access, 2020, 8, 185399-185404.	2.6	6
41	Analysis and Reduction on in-Band RCS of Fabry-Perot Antennas. IEEE Access, 2020, 8, 146697-146706.	2.6	6
42	Miniaturized frequency selective surface with a bionical structure. Microwave and Optical Technology Letters, 2013, 55, 335-337.	0.9	5
43	An ultra-wideband monopole antenna with topological structure. Microwave and Optical Technology Letters, 2010, 52, 1536-1539.	0.9	4
44	Printed L-band monopole antenna with a modified trefoil knot structure. Microwave and Optical Technology Letters, 2010, 52, 1585-1588.	0.9	3
45	Printed L-band monopole antenna with a bionical structure. Microwave and Optical Technology Letters, 2011, 53, 1004-1006.	0.9	3
46	An ultraâ€wideband monopole antenna with waterâ€wave structure. Microwave and Optical Technology Letters, 2011, 53, 1700-1703.	0.9	3
47	Design of a Planar Transmission Line Balun Based on Novel Phase Inverter. IEEE Access, 2020, 8, 18915-18924.	2.6	3
48	Dualâ€linear polarisation reconfigurable broadband omnidirectional antenna. IET Microwaves, Antennas and Propagation, 2020, 14, 928-933.	0.7	2
49	Metamaterialâ€based linear phased array antenna with improved wideâ€angle scanning bandwidth by parasitic metal strips. IET Microwaves, Antennas and Propagation, 2021, 15, 1699.	0.7	2
50	Shared radiator based highâ€isolated triâ€port mobile terminal antenna group design. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	0.8	1
51	Monopole antenna based on the modified ground plane for wireless localâ€area network application. Microwave and Optical Technology Letters, 2011, 53, 2109-2111.	0.9	0
52	A lowâ€radar cross section Vivaldi antenna array based on reflection cancelation. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	0.8	0
53	Design of <scp>lowâ€specific absorption rate</scp> sticker using <scp>electricâ€field</scp> components optimization. International Journal of RF and Microwave Computer-Aided Engineering, 0, , .	0.8	0