

# Zi-Bin Weng

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

440  
citations

840776

11  
h-index

752698

20  
g-index

40  
all docs

40  
docs citations

40  
times ranked

334  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Dual-Band Circularly Polarized Planar Endfire Antenna With Enhanced Front-to-Back Ratios. IEEE Transactions on Antennas and Propagation, 2022, 70, 969-976.	5.1	5
2	Corrugated horn with stable phase center for Ka-band compact antenna test range measurement systems. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	1.2	2
3	Dual-Linearly Polarized Leaky-Wave Patch Array With Low Cross-Polarization Levels Using Symmetrical Spoof Surface Plasmon Polariton Lines. IEEE Transactions on Antennas and Propagation, 2021, 69, 1781-1786.	5.1	32
4	Wideband Circularly Polarized Pyramidal Horn Antenna Based on Spoof Surface Plasmon Polaritons. IEEE Transactions on Antennas and Propagation, 2021, 69, 2353-2358.	5.1	10
5	Decoupling of Isosceles Triangular Array by Loaded Parasitic Element in Combination With Decoupling and Matching Network. IEEE Access, 2021, 9, 122138-122146.	4.2	2
6	Wideband and Compact Fabry-Pérot Resonator Antenna Using Partially Reflective Surfaces With Regular Hexagonal Unit. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1048-1052.	4.0	12
7	A Wideband Pattern Diversity Antenna With a Low Profile Based on Metasurface. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 303-307.	4.0	25
8	Broadband circular polarized reflectarray based on <sc>multi-resonance</sc> unit. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22618.	1.2	6
9	Design of a <sc>MIMO</sc> antenna for high throughput <sc>WLAN</sc> applications. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22685.	1.2	5
10	Omnidirectional WLAN Antenna With Common-Mode Current Suppression. IEEE Transactions on Antennas and Propagation, 2021, 69, 5980-5985.	5.1	9
11	A Single-Layer Metasurface Antenna fed by Half Square Loop. , 2021, , .		1
12	A compact broadband differential-fed microstrip patch antenna with 5.8-GHz WLAN band-notched under quad-mode resonance. Microwave and Optical Technology Letters, 2020, 62, 1716-1723.	1.4	4
13	Spoof surface plasmon polariton-fed circularly polarized leaky-wave antenna with suppressed side-lobe levels. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22080.	1.2	5
14	A Dielectric Resonator Fed Wideband Metasurface Antenna With Radiation Pattern Restoration Under its High Order Modes. IEEE Access, 2020, 8, 217671-217680.	4.2	4
15	Rugged Linear Array for IoT Applications. IEEE Internet of Things Journal, 2020, 7, 5078-5087.	8.7	15
16	A hybrid <sc>dual-mode</sc> dielectric resonator antenna with wide beamwidth. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22337.	1.2	11
17	A 60 GHz PCB Wideband Antenna-in-Package for 5G/6G Applications. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1968-1972.	4.0	26
18	Short-Baseline High-Precision DGPS for Smart Snow Blower. IEEE Internet of Things Journal, 2020, 7, 5033-5041.	8.7	1

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19	Novel planar reconfigurable circularly polarized complementary antenna for unidirectional end-fire radiation. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22211.	1.2	4
20	Wide-Beam Dielectric Resonator Antenna With Attached Higher-Permittivity Dielectric Slabs. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 462-466.	4.0	26
21	Calibration Loop Antenna for Multiple Probe Antenna Measurement System. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5745-5754.	4.7	18
22	A TM30-/TM40-Mode Pattern-Reconfigurable Microstrip Patch Antenna for Wide Beam Coverage. IEEE Transactions on Antennas and Propagation, 2019, 67, 7121-7126.	5.1	10
23	An umbrella-shaped broadband circularly polarized antenna with wide beamwidth for global navigation satellite systems applications. Microwave and Optical Technology Letters, 2019, 61, 2455-2462.	1.4	3
24	Directional Antenna With Consistent H-Plane Dual-Band Beamwidth for Wi-Fi Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 4495-4505.	5.1	20
25	Low-cost and easy manufactured dielectric rod antennas based on 3D printing technology. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21954.	1.2	5
26	Wideband magneto-electric dipole antenna with a claw shaped reflector for 5G communication systems. Microwave and Optical Technology Letters, 2019, 61, 2098-2104.	1.4	7
27	A Compact Wideband Slot-Loop Directional Antenna for Marine Communication Applications. IEEE Transactions on Vehicular Technology, 2019, 68, 2401-2412.	6.3	33
28	Compact unequal filtering power divider operating in two bands with controllable characteristic impedances. Microwave and Optical Technology Letters, 2019, 61, 615-619.	1.4	1
29	Printed eight-band compact antenna with lumped inductance for wireless USB dongle. Microwave and Optical Technology Letters, 2019, 61, 660-664.	1.4	0
30	Low profile octa-band antenna without lumped elements for WWAN/LTE metallic narrow-frame tablet computers. Microwave and Optical Technology Letters, 2019, 61, 665-670.	1.4	1
31	A Multiband Dual-Polarized Omnidirectional Antenna for 2G/3G/LTE Applications. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 180-183.	4.0	44
32	High-Efficiency Circularly Polarized Dielectric Resonator Antenna Array Fed by the Cavity-Backed SIW. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1145-1148.	4.0	22
33	Compact planar multiband MIMO antenna based on composite right/left-handed transmission line for mobile phone applications. Microwave and Optical Technology Letters, 2018, 60, 1505-1511.	1.4	7
34	Notice of Retraction: A Measurement Method for Passive Intermodulation Chamber Performance Evaluation. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 1279-1287.	2.2	4
35	A novel single L-shaped open slot antenna for octa-band metal-framed smartphones. Microwave and Optical Technology Letters, 2018, 60, 2734-2739.	1.4	0
36	A Low-Profile Broadband Circularly Polarized Microstrip Antenna With Wide Beamwidth. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1213-1217.	4.0	39

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37	Broadband and wide beamwidth circularly polarized antenna based on CRLHâ€TL for navigation terminal applications. Microwave and Optical Technology Letters, 2018, 60, 1638-1644.	1.4	4
38	DC ground compact wideband omnidirectional vertically polarised slot loop antenna for 4G longâ€term evolution applications. IET Microwaves, Antennas and Propagation, 2018, 12, 1087-1092.	1.4	11
39	A dualâ€wideband dualâ€polarized directional magnetoâ€electric dipole antenna. Microwave and Optical Technology Letters, 2017, 59, 1128-1133.	1.4	6
40	A wideband selfâ€decoupled multiâ€input multiâ€output antenna with a high isolation. International Journal of RF and Microwave Computer-Aided Engineering, 0, , .	1.2	0