

# Wei Hu

## List of Publications by Year in descending order

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46  
papers

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citations

394421

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46  
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docs citations

46  
times ranked

1109  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compact Printed MIMO Antenna for UWB Applications. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1517-1520.	4.0	287
2	Wideband Dual-Polarized Patch Antenna With Low Cross Polarization and High Isolation. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 427-430.	4.0	147
3	High-Isolation Eight-Element MIMO Array for 5G Smartphone Applications. IEEE Access, 2019, 7, 34104-34112.	4.2	126
4	Dual-Band Eight-Element MIMO Array Using Multi-Slot Decoupling Technique for 5G Terminals. IEEE Access, 2019, 7, 153910-153920.	4.2	67
5	A Dual-Band MIMO Antenna With Enhanced Isolation for 5G Smartphone Applications. IEEE Access, 2019, 7, 112554-112563.	4.2	64
6	Compact Dual-Polarized Shared-Dipole Antennas for Base Station Applications. IEEE Transactions on Antennas and Propagation, 2018, 66, 6826-6834.	5.1	60
7	A Novel Ultrawideband Transmitarray Design Using Tightly Coupled Dipole Elements. IEEE Transactions on Antennas and Propagation, 2019, 67, 242-250.	5.1	58
8	Compact Multiresonator-Loaded Planar Antenna for Multiband Operation. IEEE Transactions on Antennas and Propagation, 2013, 61, 2838-2841.	5.1	57
9	Dual-Band Circularly Polarized Transmitarray With Single Linearly Polarized Feed. IEEE Transactions on Antennas and Propagation, 2020, 68, 5015-5020.	5.1	49
10	Versatile Cross-Polarization Conversion Chiral Metasurface for Linear and Circular Polarizations. Advanced Optical Materials, 2020, 8, 2000194.	7.3	47
11	A Low-Cost Differentially Driven Dual-Polarized Patch Antenna by Using Open-Loop Resonators. IEEE Transactions on Antennas and Propagation, 2019, 67, 2745-2750.	5.1	43
12	A Wideband Dual-Polarized Antenna Using Shorted Dipoles. IEEE Access, 2018, 6, 39725-39733.	4.2	40
13	Analysis and Design of Ultrawideband Circularly Polarized Antenna and Array. IEEE Transactions on Antennas and Propagation, 2020, 68, 7842-7853.	5.1	32
14	Compact Wideband Folded Dipole Antenna With Multi-Resonant Modes. IEEE Transactions on Antennas and Propagation, 2019, 67, 6789-6799.	5.1	29
15	A Dual-Polarized 2-D Monopulse Antenna Array for Conical Conformal Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 5479-5488.	5.1	25
16	Wideband Multimode Filtering Circular Patch Antenna. IEEE Transactions on Antennas and Propagation, 2021, 69, 7249-7259.	5.1	24
17	Wideband Dual Circularly Polarized Antenna for Intelligent Transport Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 5193-5202.	6.3	23
18	Wideband Circularly Polarized Microstrip Patch Antenna With Multimode Resonance. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 533-537.	4.0	23

#	ARTICLE	IF	CITATIONS
19	A Compact Wideband Dual-Polarized Antenna With Enhanced Upper Out-of-Band Suppression. IEEE Transactions on Antennas and Propagation, 2019, 67, 5194-5202.	5.1	19
20	Dual-Band Circularly Polarized Antenna With Two Pairs of Crossed-Dipoles for RFID Reader. IEEE Transactions on Antennas and Propagation, 2021, 69, 8194-8203.	5.1	19
21	Compact ACS-Fed Printed Antenna Using Dual Edge Resonators for Tri-Band Operation. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 207-210.	4.0	18
22	A Wideband E-plane Pattern Reconfigurable Antenna with Enhanced Gain. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21530.	1.2	18
23	A Wideband Metal-Only Transmitarray With Two-Layer Configuration. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1347-1351.	4.0	18
24	A Wideband Differentially Fed Dual-Polarized Antenna With Wideband Harmonic Suppression. IEEE Transactions on Antennas and Propagation, 2019, 67, 6176-6181.	5.1	17
25	A Wideband Series-Fed Circularly Polarized Differential Antenna by Using Crossed Open Slot-Pairs. IEEE Transactions on Antennas and Propagation, 2020, 68, 2565-2574.	5.1	17
26	Wideband, Low-Profile, Dual-Polarized Slot Antenna with an AMC Surface for Wireless Communications. International Journal of Antennas and Propagation, 2016, 2016, 1-8.	1.2	15
27	Wideband Circularly Polarized Antenna Using Single-Arm Coupled Asymmetric Dipoles. IEEE Transactions on Antennas and Propagation, 2020, 68, 5104-5113.	5.1	14
28	Low-SAR Antenna Design and Implementation for Mobile Phone Applications. IEEE Access, 2021, 9, 96444-96452.	4.2	14
29	A Wideband Differentially Driven Dual-Polarized Antenna by Using Integrated Six-Port Power Divider. IEEE Transactions on Antennas and Propagation, 2019, 67, 7252-7260.	5.1	12
30	Design of a Wideband Dual-Feed Circularly Polarized Antenna for Different Axial Ratio Requirements. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 88-92.	4.0	11
31	Abnormal behavior recognition using 3D-CNN combined with LSTM. Multimedia Tools and Applications, 2021, 80, 18787-18801.	3.9	9
32	A Transmissive Frequency-Reconfigurable Cross-Polarization Conversion Surface. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 997-1001.	4.0	9
33	Compact and Wideband Crossed Dipole Antenna Using Coupling Stub for Circular Polarization. IEEE Transactions on Antennas and Propagation, 2022, 70, 27-34.	5.1	8
34	A Wideband Triple-Mode Differentially Fed Microstrip Patch Antenna. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1160-1164.	4.0	7
35	An Interlaced Grid Dual-Band Dual-Polarized Bandpass FSS With a Large Band Ratio. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1027-1031.	4.0	7
36	Single-Feed Wideband Circularly Polarized Crossed Dipole Antenna with Bent-Slot Loading. Electromagnetics, 2017, 37, 162-170.	0.7	5

#	ARTICLE	IF	CITATIONS
37	Design of a Broadband Circularly Polarized Antenna by Using Axial Ratio Contour. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2487-2491.	4.0	5
38	A multi-mode wideband omnidirectional monopolar patch antenna for indoor wireless communication systems. International Journal of RF and Microwave Computer-Aided Engineering, 2017, 27, e21137.	1.2	4
39	Compact dual-band antenna based on CRLH-TL for WWAN/LTE terminal applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21587.	1.2	4
40	Landmark-free head pose estimation using fusion inception deep neural network. Journal of Electronic Imaging, 2020, 29, .	0.9	4
41	Design of compact multiresonator-loaded planar antenna with quad-band working properties for wireless communication. IET Microwaves, Antennas and Propagation, 2013, 7, 1154-1160.	1.4	3
42	Broadband circularly polarized Z-shaped dipole antenna with parasitic strips. International Journal of RF and Microwave Computer-Aided Engineering, 2017, 27, e21052.	1.2	3
43	A wideband compact horizontally polarized omnidirectional antenna for 2G/3G/LTE. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21256.	1.2	1
44	Shared radiator based high-isolated triport mobile terminal antenna group design. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	1.2	1
45	Low-profile wideband circularly polarized asymmetric dipole antenna with artificial magnetic conductor. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22628.	1.2	0
46	A Wideband Dual-Polarized Filtering Antenna for Base Station Applications. , 2021, , .		0