

# Di Wu

## List of Publications by Year in descending order

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docs citations

35  
times ranked

684  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Compact and Low-Profile Loop Antenna With Multiband Operation for Ultra-Thin Smartphones. IEEE Transactions on Antennas and Propagation, 2015, 63, 2745-2750.	3.1	116
2	Optically Transparent Dual-Band MIMO Antenna Using Micro-Metal Mesh Conductive Film for WLAN System. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 920-923.	2.4	78
3	A Compact, Monostatic, Co-Circularly Polarized Simultaneous Transmit and Receive (STAR) Antenna With High Isolation. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1127-1131.	2.4	40
4	A Cavity-Backed Annular Slot Antenna With High Efficiency for Smartwatches With Metallic Housing. IEEE Transactions on Antennas and Propagation, 2017, 65, 3756-3761.	3.1	36
5	Compact Quarter-Mode Substrate-Integrated Waveguide Dual-Frequency Millimeter-Wave Antenna Array for 5G Applications. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1405-1409.	2.4	35
6	A Compact, Low-Profile Simultaneous Transmit and Receive Antenna With Monopole-Like Radiation Characteristics. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 611-615.	2.4	33
7	Decoupling using diamond-shaped patterned ground resonator for small MIMO antennas. IET Microwaves, Antennas and Propagation, 2017, 11, 177-183.	0.7	32
8	Design of Small Multiband Full-Screen Smartwatch Antenna for IoT Applications. IEEE Internet of Things Journal, 2021, 8, 17724-17733.	5.5	25
9	Decoupling and Matching Network for Dual-Band MIMO Antennas. IEEE Transactions on Antennas and Propagation, 2022, 70, 1764-1775.	3.1	24
10	6D-VNet: End-To-End 6DoF Vehicle Pose Estimation From Monocular RGB Images. , 2019, , .		21
11	Microwave Lens Using Periodic Dielectric Sheets for Antenna-Gain Enhancement. IEEE Transactions on Antennas and Propagation, 2017, 65, 2068-2073.	3.1	20
12	Multi-modal metric learning for vehicle re-identification in traffic surveillance environment. , 2017, , .		18
13	SECO: A Scalable Accuracy Approximate Exponential Function Via Cross-Layer Optimization. , 2019, , .		17
14	Millimeter-Wave Dual-Polarized Dielectric Resonator Reflectarray Fabricated by 3D Printing With High Relative Permittivity Material. IEEE Access, 2021, 9, 103795-103803.	2.6	16
15	Compact 3D-loop antenna with bandwidth enhancement for WWAN/LTE mobile-phones applications. IET Microwaves, Antennas and Propagation, 2017, 11, 240-246.	0.7	13
16	A compact slot MIMO antenna for smartphones with metal housing. Journal of Electromagnetic Waves and Applications, 2018, 32, 204-214.	1.0	10
17	Metal-Frame Antenna for Big-Screen Smartphones Using Characteristic Mode Analysis. IEEE Access, 2019, 7, 122224-122231.	2.6	10
18	Novel CMA Scheme to Design Self-Decoupled MIMO Dipole Pair for Base-Station Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 2480-2489.	3.1	10

#	ARTICLE	IF	CITATIONS
19	Improvement for MIMO Systems by Increasing Antenna Isolation and Shaping Radiation Pattern Using Hybrid Network. IEEE Transactions on Industrial Electronics, 2022, 69, 13891-13901.	5.2	8
20	Defected ground structure with two resonances for decoupling of dual-band MIMO antenna. , 2017, , .		7
21	Slot antenna for all-metal smartwatch applications. , 2016, , .		6
22	Wideband Monostatic Co-Horizontally Polarized Simultaneous Transmit and Receive Antenna Subsystem With Integrated Beamforming Network. IEEE Transactions on Antennas and Propagation, 2022, 70, 1505-1510.	3.1	6
23	A Novel Calculation Method to Design Parasitic Decoupling Technique for Two Antennas. IEEE Access, 2020, 8, 116041-116051.	2.6	5
24	A compact loop antenna with seven resonant modes for smartphones. , 2015, , .		3
25	A planar 8-port MIMO antenna for 2.4-GHz WLAN applications. , 2017, , .		3
26	Kernalised Multi-resolution Convnet for Visual Tracking. , 2017, , .		3
27	A compact monopole antenna for smartphones. , 2017, , .		2
28	Millimeter-Wave Substrate-Integrated Dielectric Resonator Antennas. , 2021, , .		2
29	A High Isolation Circularly Polarized Antenna for Full-Duplex Applications. , 2021, , .		2
30	Millimeter-Wave Linearly-Polarized Dielectric Reflectarray Using 3D Printing. , 2020, , .		1
31	QMSIW Cavities for Compact Dual-Frequency Millimeter-Wave 5G Antenna Array Design. , 2021, , .		1
32	A wideband circularly polarized slot-antenna array. , 2017, , .		0
33	Using USB connector to generate 5th-resonant mode in loop antenna. , 2017, , .		0
34	A metasurfaced circularly polarized antenna. , 2017, , .		0
35	Wideband Co-Polarized Antenna System for in-Band Full-Duplex Applications. , 2022, , .		0