

# Geng-Bo Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

632  
citations

623734

14  
h-index

642732

23  
g-index

33  
all docs

33  
docs citations

33  
times ranked

451  
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrections to "Millimeter-Wave Holographic Flat Lens Antenna for Orbital Angular Momentum Multiplexing" [Aug 21 4289-4303]. IEEE Transactions on Antennas and Propagation, 2022, 70, 1593-1593.	5.1	0
2	Millimeter-Wave and Terahertz OAM Discrete-Lens Antennas for 5G and Beyond. IEEE Communications Magazine, 2022, 60, 34-39.	6.1	11
3	A Wideband Low-Profile Reconfigurable Transmitarray Using Magnetolectric Dipole Elements. IEEE Transactions on Antennas and Propagation, 2022, 70, 8008-8019.	5.1	25
4	Compact Terahertz Dielectric Folded Metasurface. Advanced Optical Materials, 2022, 10, .	7.3	8
5	Millimeter-Wave Slot-Based Cavity Antennas With Flexibly-Chosen Linear Polarization. IEEE Transactions on Antennas and Propagation, 2022, 70, 6604-6616.	5.1	1
6	V-Band Dual-Polarized Filtering Transmitarray Antenna Enabled by a Planar Filtering Illumination Source. IEEE Transactions on Antennas and Propagation, 2022, 70, 9184-9197.	5.1	7
7	3-D Printed Terahertz Lens to Generate Higher Order Bessel Beams Carrying OAM. IEEE Transactions on Antennas and Propagation, 2021, 69, 3399-3408.	5.1	35
8	Terahertz Multi-Spectral Mueller Matrix Polarimetry on Leaf Using Only Orthogonal-Polarization Measurements. IEEE Transactions on Terahertz Science and Technology, 2021, , 1-1.	3.1	1
9	Demonstration of a terahertz multi-spectral 3 $\lambda$ –3 Mueller matrix polarimetry system for 2D and 3D imaging. Optics Express, 2021, 29, 14853.	3.4	5
10	High-Gain Folded Reflectarray Antenna Operating at 1 THz. , 2021, , .		1
11	Amplitude-Modulated Leaky-Wave Antennas. IEEE Transactions on Antennas and Propagation, 2021, 69, 3664-3676.	5.1	19
12	Millimeter-Wave Holographic Flat Lens Antenna for Orbital Angular Momentum Multiplexing. IEEE Transactions on Antennas and Propagation, 2021, 69, 4289-4303.	5.1	23
13	A Terahertz Metasurface for Frequency-Controlled Bessel Beam Steering. , 2021, , .		0
14	High-Gain Filtering Reflectarray Antenna for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 805-812.	5.1	31
15	Orbital Angular Momentum (OAM) Mode-Reconfigurable Discrete Dielectric Lens Operating at 300 GHz. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 480-489.	3.1	26
16	Circular Polarized 3-D-Printed Dielectric Loaded Antenna Using Inset Waveguide-to-Dielectric Transition for 5G Millimeter-Wave Application. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1929-1932.	4.0	9
17	Terahertz Mueller Matrix Polarimetry and Polar Decomposition. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 74-84.	3.1	14
18	Low-Cost 1-D Beam-Steering Reflectarray With $\hat{\pm}70^\circ$ Scan Coverage. IEEE Transactions on Antennas and Propagation, 2020, 68, 5009-5014.	5.1	36

#	ARTICLE	IF	CITATIONS
19	A 2-D Beam-Scanning Bessel Launcher for Terahertz Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 5893-5903.	5.1	21
20	Transmitarray Antenna for Generating Multiple OAM Modes. , 2020, , .		0
21	High-Gain Circularly Polarized Lens Antenna for Terahertz Applications. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 921-925.	4.0	60
22	3-D Printed Circularly Polarized Modified Fresnel Lens Operating at Terahertz Frequencies. IEEE Transactions on Antennas and Propagation, 2019, 67, 4429-4437.	5.1	67
23	Low-Profile Transmitarray Antenna With Cassegrain Reflectarray Feed. IEEE Transactions on Antennas and Propagation, 2019, 67, 3079-3088.	5.1	28
24	3-D Printed Terahertz Lens for Bessel Beam Generation. , 2019, , .		8
25	Wide-Angle Beam-Scanning Reflectarray With Mechanical Steering. IEEE Transactions on Antennas and Propagation, 2018, 66, 172-181.	5.1	74
26	Nonuniform FSS-Backed Reflectarray With Synthesized Phase and Amplitude Distribution. IEEE Transactions on Antennas and Propagation, 2018, 66, 6883-6892.	5.1	25
27	Reflectarray Antenna Design With Arbitrary Incident and Reflection Beam Angle. IEEE Transactions on Antennas and Propagation, 2018, 66, 5964-5973.	5.1	9
28	Design of Cassegrain reflectarray antenna with compact ring focus feed. , 2017, , .		4
29	Wide-angle beam scanning reflectarray antenna design using phase matching method. , 2017, , .		5
30	Reflectarray antenna design. , 2017, , .		3
31	Broadband, Single-Layer Dual Circularly Polarized Reflectarrays With Linearly Polarized Feed. IEEE Transactions on Antennas and Propagation, 2016, 64, 4235-4241.	5.1	76
32	Millimeter-wave metasurface lens aided phaseless characterization for quiet zone of compact antenna test range. Microwave and Optical Technology Letters, 0, , .	1.4	0