

Geng-Bo Wu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Broadband, Single-Layer Dual Circularly Polarized Reflectarrays With Linearly Polarized Feed. IEEE Transactions on Antennas and Propagation, 2016, 64, 4235-4241.	5.1	76
2	Wide-Angle Beam-Scanning Reflectarray With Mechanical Steering. IEEE Transactions on Antennas and Propagation, 2018, 66, 172-181.	5.1	74
3	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
4	High-Gain Circularly Polarized Lens Antenna for Terahertz Applications. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 921-925.	4.0	60
5	Low-Cost 1-D Beam-Steering Reflectarray With $\hat{\pm}70\hat{\circ}$ Scan Coverage. IEEE Transactions on Antennas and Propagation, 2020, 68, 5009-5014.	5.1	36
6	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
7	High-Gain Filtering Reflectarray Antenna for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 805-812.	5.1	31
8	Low-Profile Transmitarray Antenna With Cassegrain Reflectarray Feed. IEEE Transactions on Antennas and Propagation, 2019, 67, 3079-3088.	5.1	28
9	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
10	Nonuniform FSS-Backed Reflectarray With Synthesized Phase and Amplitude Distribution. IEEE Transactions on Antennas and Propagation, 2018, 66, 6883-6892.	5.1	25
11	A Wideband Low-Profile Reconfigurable Transmitarray Using Magnetolectric Dipole Elements. IEEE Transactions on Antennas and Propagation, 2022, 70, 8008-8019.	5.1	25
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 2-D Beam-Scanning Bessel Launcher for Terahertz Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 5893-5903.	5.1	21
14	Amplitude-Modulated Leaky-Wave Antennas. IEEE Transactions on Antennas and Propagation, 2021, 69, 3664-3676.	5.1	19
15	Terahertz Mueller Matrix Polarimetry and Polar Decomposition. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 74-84.	3.1	14
16	Millimeter-Wave and Terahertz OAM Discrete-Lens Antennas for 5G and Beyond. IEEE Communications Magazine, 2022, 60, 34-39.	6.1	11
17	Reflectarray Antenna Design With Arbitrary Incident and Reflection Beam Angle. IEEE Transactions on Antennas and Propagation, 2018, 66, 5964-5973.	5.1	9
18	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

#	ARTICLE	IF	CITATIONS
19	3-D Printed Terahertz Lens for Bessel Beam Generation. , 2019, , .		8
20	Compact Terahertz Dielectric Folded Metasurface. Advanced Optical Materials, 2022, 10, .	7.3	8
21	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
22	Wide-angle beam scanning reflectarray antenna design using phase matching method. , 2017, , .		5
23	Demonstration of a terahertz multi-spectral 3 λ –3 λ Mueller matrix polarimetry system for 2D and 3D imaging. Optics Express, 2021, 29, 14853.	3.4	5
24	Design of Cassegrain reflectarray antenna with compact ring focus feed. , 2017, , .		4
25	Reflectarray antenna design. , 2017, , .		3
26	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
27	High-Gain Folded Reflectarray Antenna Operating at 1 THz. , 2021, , .		1
28	Millimeter-Wave Slot-Based Cavity Antennas With Flexibly-Chosen Linear Polarization. IEEE Transactions on Antennas and Propagation, 2022, 70, 6604-6616.	5.1	1
29	Transmitarray Antenna for Generating Multiple OAM Modes. , 2020, , .		0
30	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
31	A Terahertz Metasurface for Frequency-Controlled Bessel Beam Steering. , 2021, , .		0
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