

# Zongjun Shi

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

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citations

1684188

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2053705

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband Nonuniform Terahertz Multimode Conversion Series with Compactness and Pure Pattern. Journal of Infrared, Millimeter, and Terahertz Waves, 2022, 43, 150-164.	2.2	0
2	Design and Simulation of a 0.23-THz Extended Interaction Amplifier With Trapezoid-Neck Cavities. IEEE Transactions on Electron Devices, 2021, 68, 3010-3014.	3.0	5
3	Reconfigurable terahertz beam steering via an independently controlled microstructure embedded with diodes. , 2021, , .		0
4	Design of a Sub-THz Extended Interaction Amplifier with Trapezoidal Structure. , 2021, , .		1
5	Broadband Terahertz Diffuse Scattering on Convolutional Coding Metasurfaces. , 2021, , .		0
6	A fractional phase-coding strategy for terahertz beam patterning on digital metasurfaces. Optics Express, 2020, 28, 6395.	3.4	17
7	Ultrafast Switchable Terahertz Polarization Conversion Modulator. , 2020, , .		0
8	Digitally Steerable Terahertz Meta-HEMT Antenna. , 2020, , .		0
9	Terahertz Dual-Polarization Beam Splitter Via an Anisotropic Matrix Metasurface. IEEE Transactions on Terahertz Science and Technology, 2019, 9, 491-497.	3.1	32
10	On-Chip THz Dynamic Manipulation Based on Tunable Spoof Surface Plasmon Polaritons. IEEE Electron Device Letters, 2019, 40, 1844-1847.	3.9	18
11	Efficient THz On-Chip Absorption Based on Destructive Interference Between Complementary Meta-Atom Pairs. IEEE Electron Device Letters, 2019, 40, 1013-1016.	3.9	8
12	Electrically Discretized Sub-terahertz Phase Shifter Based on Novel Independent Phase Delay Meta-atoms. , 2019, , .		0
13	Broadband Achromatic Metasurface Devices. , 2019, , .		0
14	Terahertz Microfluidic Biosensing Platform Based on Intense Wave-matter-interaction Channels. , 2019, , .		0
15	Terahertz 1-bit digital dynamic phase programmable metasurface based on AlGaIn/GaN heterostructure. , 2019, , .		0
16	Broadband and High-efficiency Circular-polarized Terahertz Frequency Scanning Metasurface. , 2019, , .		1
17	Reformative EIT Inspired Ultra-sensitive Terahertz Sensing on Micro-volumetric Microfluidic Metamaterial. , 2019, , .		1
18	Terahertz broadband independent electrically tuned phase-shifter based on metamaterial with mutual-coupling magnetic resonance. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Sensitive Terahertz Phase Modulation via a Co-Planar HEMT-Switched LC-Dipole Resonant Metasurface Under Low 2DEG Carrier Concentrations. , 2019, , .		0
20	A High-Precision THz Beam Steering Array Applied 2-bit Non-uniform Coding Strategy by Fractionally Dividing the Phase Gradient Distribution. , 2019, , .		2