Jun Yang

List of Publications by Year
in descending order

40	743	516215 16	552369 26
papers	citations	h-index	g-index

41	41	41	541
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dielectric Properties of Liquid Crystal Polymer Substrates in the Region from 90 to 140 GHz. Crystals, 2022, 12, 170.	1.0	5
2	A Miniaturized 3-D Metamaterial Absorber With Wide Angle Stability. IEEE Microwave and Wireless Components Letters, 2022, 32, 1111-1114.	2.0	13
3	Flexible Terahertz Beam Manipulations Based on Liquid-Crystal-Integrated Programmable Metasurfaces. ACS Applied Materials & Interfaces, 2022, 14, 22287-22294.	4.0	35
4	Active continuous control of terahertz wave based on a reflectarray element-liquid crystal-grating electrode hybrid structure. Optics Express, 2022, 30, 17361.	1.7	6
5	Liquid crystal-based wide-angle metasurface absorber with large frequency tunability and low voltage. Optics Express, 2022, 30, 22550.	1.7	17
6	TM-polarized angle-dispersive metasurface for axisymmetric extension of beam steering angles. Optics Express, 2021, 29, 3211.	1.7	3
7	Enhanced broadband absorption with a twisted multilayer metalâ€“dielectric stacking metamaterial. Nanoscale Advances, 2021, 3, 4804-4809.	2.2	9
8	Fully Electronically Phase Modulation of Millimeter-Wave via Comb Electrodes and Liquid Crystal. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 342-345.	2.4	15
9	Terahertz Transmission Characteristics of Double-Layer Plasmonic Metamaterial and LC-Based Structure. Frontiers in Materials, 2021, 8, .	1.2	0
10	Programmable Manipulations of Terahertz Beams by Transmissive Digital Coding Metasurfaces Based on Liquid Crystals. Advanced Optical Materials, 2021, 9, 2100932.	3.6	60
11	Tunable terahertz metamaterial wideband absorber with liquid crystal. Optical Materials Express, 2021, 11, 4026.	1.6	14
12	Orbital Angular Momentum Multiplexing Based on Angle-dispersive Metasurface. , 2021, , .		1
13	Dielectric properties of two high birefringence liquid crystal mixtures in the Sub-THz band. Liquid Crystals, 2020, 47, 83-88.	0.9	7
14	An Ultrathin, Triple-Band Metamaterial Absorber with Wide-Incident-Angle Stability for Conformal Applications at X and Ku Frequency Band. Nanoscale Research Letters, 2020, 15, 217.	3.1	33
15	A Novel Electronically Controlled Two-Dimensional Terahertz Beam-Scanning Reflectarray Antenna Based on Liquid Crystals. Frontiers in Physics, 2020, 8, .	1.0	4
16	Angle-Dispersive Metasurface for Axisymmetric Wavefront Manipulation over Continuous Incident Angles. Physical Review Applied, 2020, 14, .	1.5	5
17	Electronically Tunable Liquid-Crystal-Based F-Band Phase Shifter. IEEE Access, 2020, 8, 151065-151071.	2.6	17
18	Design and Experimental Verification of a Liquid Crystal-Based Terahertz Phase Shifter for Reconfigurable Reflectarrays. Journal of Infrared, Millimeter, and Terahertz Waves, 2020, 41, 665-674.	1.2	2

#	Article	IF	Citations
19	An efficient wideband cross-polarization converter manufactured by stacking metal/dielectric multilayers via 3D printing. Journal of Applied Physics, 2020, 127, .	1.1	19
20	Graphene-based wavelength demultiplexing structure. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, 903.	0.8	1
21	The Characterization and Application of Two Liquid Crystal Mixtures in the Low THz Region. Crystals, 2020, 10, 99.	1.0	4
22	Liquid Crystal Terahertz Modulator Based on Double-layer Plasmonic Metamaterial. , 2020, , .		1
23	Tunable Terahertz Transmission Properties of Double-Layered Metal Hole-Loop Arrays Using Nematic Liquid Crystal. Journal of Infrared, Millimeter, and Terahertz Waves, 2019, 40, 276-287.	1.2	3
24	Optically transparent and single-band metamaterial absorber based on indium-tin-oxide. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21536.	0.8	22
25	Electrically tunable liquid crystal terahertz device based on double-layer plasmonic metamaterial. Optics Express, 2019, 27, 27039.	1.7	32
26	Bandpass filter based on comb shaped graphene nanoribbons. OSA Continuum, 2019, 2, 2614.	1.8	1
27	Electrically tunable terahertz dual-band metamaterial absorber based on a liquid crystal. RSC Advances, 2018, 8, 4197-4203.	1.7	47
28	Electrically Tunable Reflective Terahertz Phase Shifter Based on Liquid Crystal. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 439-446.	1.2	26
29	Tunable Liquid Crystal Based Phase Shifter with a Slot Unit Cell for Reconfigurable Reflectarrays in F-Band. Applied Sciences (Switzerland), 2018, 8, 2528.	1.3	24
30	Fast-Tunable Terahertz Metamaterial Absorber Based on Polymer Network Liquid Crystal. Applied Sciences (Switzerland), 2018, 8, 2454.	1.3	20
31	Design and Experiment of Wideband Filters Based on Double-Layered Square-Loop Arrays in the F-Band. Applied Sciences (Switzerland), 2018, 8, 1669.	1.3	2
32	Wideband Metamaterial Absorbers Based on Conductive Plastic with Additive Manufacturing Technology. ACS Omega, 2018, 3, 11144-11150.	1.6	32
33	Reflective liquid crystal terahertz phase shifter with tuning range of over 360Â°. IET Microwaves, Antennas and Propagation, 2018, 12, 1466-1469.	0.7	29
34	Tripleâ€band polarisationâ€independent metamaterial absorber at mm wave frequency band. IET Microwaves, Antennas and Propagation, 2018, 12, 1120-1125.	0.7	29
35	A Tunable Polarization-Dependent Terahertz Metamaterial Absorber Based on Liquid Crystal. Electronics (Switzerland), 2018, 7, 27.	1.8	10
36	A Tunable Metamaterial Absorber Based on Liquid Crystal Intended for F Frequency Band. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2062-2065.	2.4	35

#	Article	IF	Citations
37	Measurement of LC dielectric constant at lower terahertz region based on metamaterial absorber. IEICE Electronics Express, 2017, 14, 20170469-20170469.	0.3	15
38	Broadband terahertz metamaterial absorber based on tantalum nitride. Applied Optics, 2017, 56, 2449.	2.1	69
39	A Polarization-Dependent Frequency-Selective Metamaterial Absorber with Multiple Absorption Peaks. Applied Sciences (Switzerland), 2017, 7, 580.	1.3	10
40	Graphene-based tunable polarization sensitive terahertz metamaterial absorber. Optics Communications, 2016, 380, 101-107.	1.0	66