

Haipeng Li

List of Publications by Year in descending order

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43
papers

1,378
citations

394286

19
h-index

345118

36
g-index

43
all docs

43
docs citations

43
times ranked

1023
citing authors

#	ARTICLE	IF	CITATIONS
1	X-Band Phase-Gradient Metasurface for High-Gain Lens Antenna Application. IEEE Transactions on Antennas and Propagation, 2015, 63, 5144-5149.	3.1	196
2	Single-Layer Focusing Gradient Metasurface for Ultrathin Planar Lens Antenna Application. IEEE Transactions on Antennas and Propagation, 2017, 65, 1452-1457.	3.1	116
3	Phase- and Amplitude-Control Metasurfaces for Antenna Main-Lobe and Sidelobe Manipulations. IEEE Transactions on Antennas and Propagation, 2018, 66, 5121-5129.	3.1	115
4	Dynamical control on helicity of electromagnetic waves by tunable metasurfaces. Scientific Reports, 2016, 6, 27503.	1.6	112
5	Wideband Transparent Beam-Forming Metadevice with Amplitude- and Phase-Controlled Metasurface. Physical Review Applied, 2019, 11, .	1.5	80
6	An Efficient Decoupling Network Between Feeding Points for Multielement Linear Arrays. IEEE Transactions on Antennas and Propagation, 2019, 67, 3101-3108.	3.1	78
7	A Novel Metasurface for Dual-Mode and Dual-Band Flat High-Gain Antenna Application. IEEE Transactions on Antennas and Propagation, 2018, 66, 3706-3711.	3.1	75
8	Circularly Polarized Fabry-Perot Antenna Employing a Receiverâ€“Transmitter Polarization Conversion Metasurface. IEEE Transactions on Antennas and Propagation, 2020, 68, 3213-3218.	3.1	59
9	Bifunctional Pancharatnamâ€“Berry Metasurface with Highâ€“Efficiency Helicityâ€“Dependent Transmissions and Reflections. Annalen Der Physik, 2018, 530, 1700321.	0.9	54
10	Broadband Polarization-Conversion Metasurface for a Cassegrain Antenna with High Polarization Purity. Physical Review Applied, 2019, 12, .	1.5	48
11	Helicityâ€“Dependent Multifunctional Metasurfaces for Fullâ€“Space Wave Control. Advanced Optical Materials, 2020, 8, 1901719.	3.6	46
12	Dual-Phase Hybrid Metasurface for Independent Amplitude and Phase Control of Circularly Polarized Wave. IEEE Transactions on Antennas and Propagation, 2020, 68, 7705-7710.	3.1	41
13	High-efficiency and ultra-broadband asymmetric transmission metasurface based on topologically coding optimization method. Optics Express, 2019, 27, 2844.	1.7	36
14	Broadband Folded Transmitarray Antenna With Ultralow-Profile Based on Metasurfaces. IEEE Transactions on Antennas and Propagation, 2021, 69, 7017-7022.	3.1	34
15	WIDEBAND MULTIFUNCTIONAL METASURFACE FOR POLARIZATION CONVERSION AND GAIN ENHANCEMENT. Progress in Electromagnetics Research, 2016, 155, 115-125.	1.6	25
16	Conformal Polarization Conversion Metasurface for Omni-Directional Circular Polarization Antenna Application. IEEE Transactions on Antennas and Propagation, 2021, 69, 3349-3358.	3.1	25
17	Three-dimensional ultra-broadband absorber based on novel zigzag-shaped structure. Optics Express, 2019, 27, 32835.	1.7	25
18	Helicity-dependent metasurfaces employing receiver-transmitter meta-atoms for full-space wavefront manipulation. Optics Express, 2020, 28, 27575.	1.7	24

#	ARTICLE	IF	CITATIONS
19	3D-Printed Curved Metasurface with Multifunctional Wavefronts. <i>Advanced Optical Materials</i> , 2020, 8, 2000129.	3.6	20
20	A Novel Broadband Bi-Functional Metasurface for Vortex Generation and Simultaneous RCS Reduction. <i>IEEE Access</i> , 2018, 6, 63999-64007.	2.6	18
21	Dual-frequency geometric phase metasurface for dual-mode vortex beam generator. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 255002.	1.3	17
22	Circularly Polarized Double-Folded Transmitarray Antenna Based on Receiver-Transmitter Metasurface. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 11161-11166.	3.1	17
23	Wideband beam-forming metasurface with simultaneous phase and amplitude modulation. <i>Optics Communications</i> , 2020, 466, 124601.	1.0	13
24	High-performance and broadband chirality-dependent absorber based on planar spiral metasurface. <i>Optics Express</i> , 2019, 27, 14942.	1.7	13
25	Ultra-thin reflecting polarization beam splitter under spherical waves TM illumination by using single-layered anisotropic metasurface. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	1.1	12
26	Bifunctional circularly-polarized lenses with simultaneous geometrical and propagating phase control metasurfaces. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 465105.	1.3	12
27	A Novel Methodology for Gain Enhancement of the Fabry-Pérot Antenna. <i>IEEE Access</i> , 2019, 7, 176170-176176.	2.6	11
28	Novel dual-band asymmetric U-shaped slot antenna for dual-circular polarization. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2017, 27, e21047.	0.8	9
29	Decoupling antenna array with X-shaped strip. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019, 29, e21601.	0.8	9
30	Novel High-Gain Circularly Polarized Lens Antenna Using Single-Layer Transmissive Metasurface. <i>Frequenz</i> , 2017, 71, 267-272.	0.6	5
31	AN X/KU-BAND FOCUSING ANISOTROPIC METASURFACE FOR LOW CROSS-POLARIZATION LENS ANTENNA APPLICATION. <i>Progress in Electromagnetics Research</i> , 2017, 159, 79-91.	1.6	5
32	Planar Spoof Surface Plasmon Polariton Antenna by Using Transmissive Phase Gradient Metasurface. <i>Annalen Der Physik</i> , 2020, 532, 2000008.	0.9	5
33	Highly efficient multifunctional metasurface for high-gain lens antenna application. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	1.1	4
34	Multifunctional Full-Space Metasurface With Complete Polarization Control. <i>IEEE Access</i> , 2019, 7, 88830-88835.	2.6	4
35	Analysis and Design of a Broadband Metasurface- Based Vortex Beam Generator. <i>IEEE Access</i> , 2019, 7, 129529-129536.	2.6	4
36	Compact wideband antenna based on novel composite right/left handed transmission line. <i>Journal of Electromagnetic Waves and Applications</i> , 2015, 29, 1140-1148.	1.0	3

#	ARTICLE	IF	CITATIONS
37	Ultrathin broadband focusing metasurface for high-gain antenna application with high efficiency. , 2016, , .		2
38	Symbiotic Ambient Backscatter Systems: Outage Behavior and Ergodic Capacity. IEEE Internet of Things Journal, 2022, 9, 23670-23690.	5.5	2
39	Focusing MSs for High-Gain Antenna Applications. , 2019, , .		1
40	High Performance Metasurface Antennas. , 0, , .		1
41	3D printing conformal metasurface for Fabryâ€Perot resonator antenna application. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22657.	0.8	1
42	Coupling Network Design for Bandwidth Enhancement of Microstrip Antenna Array. , 2021, , .		1
43	A multi-frequency circularly polarized metasurface antenna array based on quarter-mode substrate integrated waveguide for sub-6 applications. Chinese Physics B, 0, , .	0.7	0