

Zhi Hao Jiang

List of Publications by Year in descending order

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144
papers

5,122
citations

109264

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69
g-index

146
all docs

146
docs citations

146
times ranked

3955
citing authors

#	ARTICLE	IF	CITATIONS
1	Multibeam Antenna Technologies for 5G Wireless Communications. IEEE Transactions on Antennas and Propagation, 2017, 65, 6231-6249.	3.1	753
2	A Compact, Low-Profile Metasurface-Enabled Antenna for Wearable Medical Body-Area Network Devices. IEEE Transactions on Antennas and Propagation, 2014, 62, 4021-4030.	3.1	347
3	The Role of Millimeter-Wave Technologies in 5G/6G Wireless Communications. IEEE Journal of Microwaves, 2021, 1, 101-122.	4.9	312
4	Conformal Dual-Band Near-Perfectly Absorbing Mid-Infrared Metamaterial Coating. ACS Nano, 2011, 5, 4641-4647.	7.3	306
5	A Compact, Wideband Circularly Polarized Co-designed Filtering Antenna and Its Application for Wearable Devices With Low SAR. IEEE Transactions on Antennas and Propagation, 2015, 63, 3808-3818.	3.1	199
6	Compact, Highly Efficient, and Fully Flexible Circularly Polarized Antenna Enabled by Silver Nanowires for Wireless Body-Area Networks. IEEE Transactions on Biomedical Circuits and Systems, 2017, 11, 920-932.	2.7	139
7	Metantenna: When Metasurface Meets Antenna Again. IEEE Transactions on Antennas and Propagation, 2020, 68, 1332-1347.	3.1	122
8	Design and Experimental Investigation of a Compact Circularly Polarized Integrated Filtering Antenna for Wearable Biotelemetric Devices. IEEE Transactions on Biomedical Circuits and Systems, 2016, 10, 328-338.	2.7	114
9	Broadband and Wide Field-of-view Plasmonic Metasurface-enabled Waveplates. Scientific Reports, 2014, 4, 7511.	1.6	100
10	Restoring Intrinsic Properties of Electromagnetic Radiators Using Ultralightweight Integrated Metasurface Cloaks. Advanced Functional Materials, 2015, 25, 4708-4716.	7.8	89
11	Conformal mappings to achieve simple material parameters for transformation optics devices. Optics Express, 2010, 18, 244.	1.7	86
12	An Array Antenna for Both Long- and Medium-Range 77 GHz Automotive Radar Applications. IEEE Transactions on Antennas and Propagation, 2017, 65, 7207-7216.	3.1	82
13	A Compact Metasurface-Enabled Dual-Band Dual-Circularly Polarized Antenna Loaded With Complementary Split Ring Resonators. IEEE Transactions on Antennas and Propagation, 2019, 67, 794-803.	3.1	79
14	Compact, Wideband Antennas Enabled by Interdigitated Capacitor-Loaded Metasurfaces. IEEE Transactions on Antennas and Propagation, 2016, 64, 1595-1606.	3.1	76
15	Tailoring Dispersion for Broadband Low-loss Optical Metamaterials Using Deep-subwavelength Inclusions. Scientific Reports, 2013, 3, 1571.	1.6	73
16	Full-Angle Digital Predistortion of 5G Millimeter-Wave Massive MIMO Transmitters. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 2847-2860.	2.9	71
17	Low-Loss Impedance-Matched Optical Metamaterials with Zero-Phase Delay. ACS Nano, 2012, 6, 4475-4482.	7.3	69
18	A Single Noninterleaved Metasurface for High-Capacity and Flexible Mode Multiplexing of Higher-Order Poincaré Sphere Beams. Advanced Materials, 2020, 32, e1903983.	11.1	67

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19	Wideband, Low-Profile Patch Array Antenna With Corporate Stacked Microstrip and Substrate Integrated Waveguide Feeding Structure. IEEE Transactions on Antennas and Propagation, 2019, 67, 1368-1373.	3.1	63
20	A Multibeam Folded Reflectarray Antenna With Wide Coverage and Integrated Primary Sources for Millimeter-Wave Massive MIMO Applications. IEEE Transactions on Antennas and Propagation, 2018, 66, 6875-6882.	3.1	59
21	Highly Efficient Broadband Multiplexed Millimeter-Wave Vortices from Metasurface-Enabled Transmit-Arrays of Subwavelength Thickness. Physical Review Applied, 2018, 9, .	1.5	56
22	Flexible and optically transparent microwave absorber with wide bandwidth based on graphene. Carbon, 2019, 152, 70-76.	5.4	55
23	A Circularly Polarized 1 Bit Electronically Reconfigurable Reflectarray Based on Electromagnetic Element Rotation. IEEE Transactions on Antennas and Propagation, 2021, 69, 5585-5595.	3.1	54
24	Compact Self-Diplexing Dual-Band Dual-Sense Circularly Polarized Array Antenna With Closely Spaced Operating Frequencies. IEEE Transactions on Antennas and Propagation, 2019, 67, 4617-4625.	3.1	53
25	Broadband High Directivity Multibeam Emission Through Transformation Optics-Enabled Metamaterial Lenses. IEEE Transactions on Antennas and Propagation, 2012, 60, 5063-5074.	3.1	51
26	A Low-Profile High-Gain Substrate-Integrated Waveguide Slot Antenna Enabled by an Ultrathin Anisotropic Zero-Index Metamaterial Coating. IEEE Transactions on Antennas and Propagation, 2014, 62, 1173-1184.	3.1	51
27	Patch Antenna Loaded With Paired Shorting Pins and H-Shaped Slot for 28/38 GHz Dual-Band MIMO Applications. IEEE Access, 2020, 8, 23705-23712.	2.6	50
28	Integrated Broadband Circularly Polarized Multibeam Antennas Using Berry-Phase Transmit-Arrays for $\text{\$Ka\$}$ -Band Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 859-872.	3.1	49
29	Analysis of Eighth-Mode Substrate-Integrated Waveguide Cavity and Flexible Filter Design. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 2701-2712.	2.9	48
30	A Broadband Monopole Antenna Enabled by an Ultrathin Anisotropic Metamaterial Coating. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1543-1546.	2.4	47
31	A Q-Band Low-Profile Dual Circularly Polarized Array Antenna Incorporating Linearly Polarized Substrate Integrated Waveguide-Fed Patch Subarrays. IEEE Transactions on Antennas and Propagation, 2017, 65, 5200-5210.	3.1	47
32	Quasi-Three-Dimensional Angle-Tolerant Electromagnetic Illusion Using Ultrathin Metasurface Coatings. Advanced Functional Materials, 2014, 24, 7728-7736.	7.8	45
33	Flexible Manipulation of Bessel-Like Beams with a Reconfigurable Metasurface. Advanced Optical Materials, 2020, 8, 2001084.	3.6	44
34	E-Band Low-Profile, Wideband 45° Linearly Polarized Slot-Loaded Patch and Its Array for Millimeter-Wave Communications. IEEE Transactions on Antennas and Propagation, 2018, 66, 4364-4369.	3.1	39
35	Exploiting metasurface anisotropy for achieving near-perfect low-profile cloaks beyond the quasi-static limit. Journal Physics D: Applied Physics, 2013, 46, 505306.	1.3	37
36	Low-Cost Millimeter-Wave Circularly Polarized Planar Integrated Magneto-Electric Dipole and Its Arrays With Low-Profile Feeding Structures. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1400-1404.	2.4	37

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37	Low-Profile Wideband Vertically Folded Slotted Circular Patch Array for Ka -Band Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 6844-6849.	3.1	37
38	Optimization and Implementation of SIW Slot Array for Both Medium- and Long-Range 77 GHz Automotive Radar Application. IEEE Transactions on Antennas and Propagation, 2018, 66, 3769-3774.	3.1	35
39	Millimeter-Wave Broadband Substrate Integrated Magneto-Electric Dipole Arrays With Corporate Low-Profile Microstrip Feeding Structures. IEEE Transactions on Antennas and Propagation, 2020, 68, 7056-7067.	3.1	35
40	Near-Field Wireless Power Transfer to Deep-Tissue Implants for Biomedical Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 1098-1106.	3.1	34
41	Low-Profile, Broadband, Dual-Linearly Polarized, and Wide-Angle Millimeter-Wave Antenna Arrays for Ka -Band 5G Applications. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2038-2042.	2.4	34
42	A metamaterial-enabled design enhancing decades-old short backfire antenna technology for space applications. Nature Communications, 2019, 10, 108.	5.8	33
43	Anisotropic Impedance Surface-Enabled Low-Profile Broadband Dual- Circularly Polarized Multibeam Reflectarrays for Ka -Band Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 6441-6446.	3.1	33
44	Low-Profile and Wideband Dual-Circularly Polarized Reflect-Arrays Based on Rotated Metal-Backed Dual-Polarized Aperture-Coupled Patch Elements. IEEE Transactions on Antennas and Propagation, 2020, 68, 2108-2117.	3.1	33
45	An Orthogonal Hybrid Analog-Digital Multibeam Antenna Array for Millimeter-Wave Massive MIMO Systems. IEEE Transactions on Antennas and Propagation, 2021, 69, 1393-1403.	3.1	32
46	Key Technologies in 6G Terahertz Wireless Communication Systems: A Survey. IEEE Vehicular Technology Magazine, 2021, 16, 27-37.	2.8	31
47	Circularly Polarized One-Bit Reconfigurable ME-Dipole Reflectarray at X-Band. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 496-500.	2.4	31
48	Multibeam Generation and Measurement of a DDS-Based Digital Beamforming Array Transmitter at Ka -Band. IEEE Transactions on Antennas and Propagation, 2019, 67, 3030-3039.	3.1	30
49	A Compact Dual-Band Antenna Enabled by a Complementary Split-Ring Resonator-Loaded Metasurface. IEEE Transactions on Antennas and Propagation, 2017, 65, 6878-6888.	3.1	29
50	Wideband Transmit Arrays Based on Anisotropic Impedance Surfaces for Circularly Polarized Single-Feed Multibeam Generation in the Q-Band. IEEE Transactions on Antennas and Propagation, 2020, 68, 217-229.	3.1	29
51	A Low-Profile and Wideband Triple-Mode Antenna for Wireless Body Area Network Concurrent On-/Off-Body Communications. IEEE Transactions on Antennas and Propagation, 2020, 68, 1982-1994.	3.1	29
52	Dispersion engineering of metasurfaces for dual-frequency quasi-three-dimensional cloaking of microwave radiators. Optics Express, 2016, 24, 9629.	1.7	26
53	A Compact Single-Layer Q-Band Tapered Slot Antenna Array With Phase-Shifting Inductive Windows for Endfire Patterns. IEEE Transactions on Antennas and Propagation, 2019, 67, 169-178.	3.1	26
54	Dielectric nanoresonator based lossless optical perfect magnetic mirror with near-zero reflection phase. Applied Physics Letters, 2016, 108, .	1.5	25

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55	A Compact Triple-Band Antenna With a Notched Ultra-Wideband and Its MIMO Array. IEEE Transactions on Antennas and Propagation, 2018, 66, 7021-7031.	3.1	25
56	Flexible RASORBER Based on Graphene With Energy Manipulation Function. IEEE Transactions on Antennas and Propagation, 2020, 68, 351-359.	3.1	25
57	A Low-Profile Beamforming Patch Array With a Cosecant Fourth Power Pattern for Millimeter-Wave Synthetic Aperture Radar Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 6486-6496.	3.1	25
58	Wideband and Low-Profile Integrated Dual-Circularly-Polarized Transmit-Arrays Enabled by Antenna-Filter-Antenna Phase Shifting Cells. IEEE Transactions on Antennas and Propagation, 2021, 69, 7462-7475.	3.1	25
59	Conformal metasurface-coated dielectric waveguides for highly confined broadband optical activity with simultaneous low-visibility and reduced crosstalk. Nature Communications, 2017, 8, 356.	5.8	24
60	A N260 Band 64 Channel Millimeter Wave Full-Digital Multi-Beam Array for 5G Massive MIMO Applications. IEEE Access, 2020, 8, 47640-47653.	2.6	24
61	Design and Experiments of Bandwidth-Controllable Broadband Monopole Antennas With Conformal Anisotropic Impedance Surface Coatings. IEEE Transactions on Antennas and Propagation, 2018, 66, 1133-1142.	3.1	20
62	Low-Profile Circular Patch Array Fed by Slotted Substrate Integrated Waveguide. IEEE Transactions on Antennas and Propagation, 2019, 67, 960-970.	3.1	20
63	Design and Implementation of a Full-Digital Beamforming Array With Nonreciprocal Tx/Rx Beam Patterns. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1978-1982.	2.4	19
64	A Novel E-plane-Focused Cylindrical Luneburg Lens Loaded With Metal Grids for Sidelobe Level Reduction. IEEE Transactions on Antennas and Propagation, 2020, 68, 736-744.	3.1	18
65	A Hybrid Radar System With a Phased Transmitting Array and a Digital Beamforming Receiving Array. IEEE Transactions on Antennas and Propagation, 2021, 69, 1970-1981.	3.1	17
66	Stub-loaded inverted-F antenna synthesis via Wind Driven Optimization. , 2011, , .		16
67	Design and validation of a metasurface lens for converging vortex beams. Applied Physics Express, 2019, 12, 084501.	1.1	16
68	Handedness Dependent Electromagnetically Induced Transparency in Hybrid Chiral Metamaterials. Scientific Reports, 2015, 5, 12224.	1.6	15
69	Theory, Design, and Verification of Dual-Circularly Polarized Dual-Beam Arrays With Independent Control of Polarization: A Generalization of Sequential Rotation Arrays. IEEE Transactions on Antennas and Propagation, 2021, 69, 1369-1382.	3.1	15
70	Dual-Wideband Dual-Circularly-Polarized Shared-Aperture Reflectarrays With a Single Functional Substrate for K-/Ka-Band Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 5404-5417.	3.1	14
71	Full Polarization Transformation Using Graphene in Microwave Frequencies. IEEE Transactions on Antennas and Propagation, 2020, 68, 3760-3769.	3.1	12
72	Chirality-Intrigged Spin-Selective Metasurface and Applications in Generating Orbital Angular Momentum. IEEE Transactions on Antennas and Propagation, 2022, 70, 4549-4557.	3.1	12

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73	A Wideband Circularly Polarized Magneto-Electric Dipole Antenna Array for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 3876-3881.	3.1	12
74	Frequency-Tunable and Magnitude-Tunable Microwave Metasurface Absorbers Enabled by Shape Memory Polymers. IEEE Transactions on Antennas and Propagation, 2022, 70, 6804-6812.	3.1	12
75	Bifunctional plasmonic metamaterials enabled by subwavelength nano-notches for broadband, polarization-independent enhanced optical transmission and passive beam-steering. Optics Express, 2013, 21, 31492.	1.7	11
76	Compensating substrate-induced bianisotropy in optical metamaterials using ultrathin superstrate coatings. Optics Express, 2013, 21, 5594.	1.7	11
77	A Self-Calibration Method for 5G Full-Digital TDD Beamforming Systems Using an Embedded Transmission Line. IEEE Transactions on Antennas and Propagation, 2021, 69, 2648-2659.	3.1	11
78	A wideband dual-polarized magneto-electric dipole antenna for millimeter wave applications. Microwave and Optical Technology Letters, 2021, 63, 1452-1457.	0.9	11
79	A Compact Dual-Band Triple-Mode Antenna With Pattern and Polarization Diversities Enabled by Shielded Mushroom Structures. IEEE Transactions on Antennas and Propagation, 2021, 69, 6229-6243.	3.1	11
80	On the Use of Subwavelength Radial Grooves to Support Spoof Surface-Plasmon-Polariton Waves. IEEE Microwave and Wireless Components Letters, 2016, 26, 861-863.	2.0	10
81	Millimeter-Wave $\pm 45^\circ$ Dual Linearly Polarized End-Fire Phased Array Antenna for 5G/B5G Mobile Terminals. IEEE Transactions on Antennas and Propagation, 2022, 70, 10391-10404.	3.1	9
82	Robust low-profile metasurface-enabled wearable antennas for off-body communications. , 2014, , .		8
83	An Overview of China Millimeter-Wave Multiple Gigabit Wireless Local Area Network System. IEICE Transactions on Communications, 2018, E101.B, 262-276.	0.4	8
84	A Generalized Accurate Model for Complementary Periodic Subwavelength Metasurface Based on Babinet Principle. IEEE Transactions on Antennas and Propagation, 2020, 68, 3780-3790.	3.1	8
85	Experimental verification of substrate-induced bianisotropy in optical metamaterials. Applied Physics Letters, 2013, 103, .	1.5	7
86	Asymmetric transmission based on magnetic resonance coupling in 3D-printed metamaterials. Applied Physics Letters, 2018, 113, .	1.5	7
87	Compact multi-functional frequency-selective absorber based on customizable impedance films. Optics Express, 2021, 29, 14974.	1.7	7
88	A Compact, Ultrawideband Dual-Polarized Vivaldi Antenna With Radar Cross Section Reduction. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1323-1327.	2.4	7
89	Far-Zone Focusing Lenses Designed by Complex Coordinate Transformations. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1779-1782.	2.4	6
90	Spatial transformation-enabled electromagnetic devices: from radio frequencies to optical wavelengths. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140363.	1.6	6

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91	Ungrounded Coplanar Waveguide Based Straight Line Methods for Broadband and Continuous Dielectric Characterization of Microwave Substrates. IEEE Access, 2020, 8, 32624-32631.	2.6	6
92	Single-Layer Re-Organizable All-Dielectric Meta-Lens Platform for Arbitrary Transmissive Phase Manipulation at Millimeter-Wave Frequencies. IEEE Transactions on Antennas and Propagation, 2022, 70, 2059-2069.	3.1	6
93	A Millimeter-Wave Substrate Integrated Waveguide H-Plane Horn Antenna With Enhanced Gain and Efficiency. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 769-773.	2.4	6
94	Broadband Measurement of Substrate Complex Permittivity Using Optimized ABCD Matrix. IEEE Access, 2020, 8, 224513-224521.	2.6	5
95	Anisotropic metamaterial lens with a monopole feed for high-gain multi-beam radiation. , 2011, , .		4
96	Anisotropic impedance metasurface enabled dual-band short backfire antennas with high aperture efficiency. , 2016, , .		4
97	Low-loss Substrate Material for Millimeter-wave and THz Applications (Invited). , 2019, , .		4
98	Metasurface-Enabled Advanced Short Backfire Antenna. IEEE Transactions on Antennas and Propagation, 2020, 68, 1302-1311.	3.1	4
99	A Generalized Flat-Topped Beam Synthesis Approach for Uniform Linear Array With Arbitrary Beam Directions. IEEE Open Journal of Antennas and Propagation, 2022, 3, 709-721.	2.5	4
100	Flexible wide-angle polarization-insensitive mid-infrared metamaterial absorbers. , 2010, , .		3
101	Genetic algorithm synthesis of impedance-matched infrared ZIMs with wide FOV using a generalized inversion algorithm. , 2010, , .		3
102	A low-profile unidirectional antenna enabled by interdigital capacitor loaded metasurface. , 2014, , .		3
103	Transformation-optics antenna lens design using complex coordinate transformation. , 2014, , .		3
104	mm-Wave Waveguide Traveling-Wave Power Combiner Design Using an Equivalent Circuit Model. IEEE Access, 2019, 7, 88327-88337.	2.6	3
105	Polarization-Controllable Dual-Band Antennas Using Nonbianisotropic Complementary Split Ring Resonator-Loaded Metasurfaces. IEEE Transactions on Antennas and Propagation, 2021, 69, 1146-1151.	3.1	3
106	Low loss RF modified fishnet metamaterials with optimized negative, zero and unity refractive index behavior. , 2009, , .		2
107	Tunable metamaterials for conformally mapped Transformation Optics lenses. , 2010, , .		2
108	Experimental demonstration of a conformal optical metamaterial absorber. , 2011, , .		2

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109	A compact and robust circularly-polarized wearable antenna using an anisotropic metasurface. , 2016, , .		2
110	Metasurface-Based Circularly-Polarized Multibeam Reflect-/Transmit-Arrays. , 2020, , .		2
111	A Wideband Dual-Linearly-Polarized Millimeter Wave Antenna for 5G Terminal Application. , 2021, , .		2
112	Generalized Sequential Rotation Arrays With Full Control of Dual-Circularly-Polarized Aperture-Field Distribution Based on Elliptically-Polarized Elements. IEEE Transactions on Antennas and Propagation, 2022, 70, 9198-9213.	3.1	2
113	Wideband Dual-Circularly-Polarized Reflect-Arrays Based on Dual-Functional-Layer Cells With Berry-Phase Compensation at X-Band. IEEE Transactions on Antennas and Propagation, 2022, 70, 9924-9929.	3.1	2
114	Low loss dual polarized matched zero index metamaterials for microwave applications. , 2009, , .		1
115	Experimental verification of a zero-index near-infrared metamaterial. , 2011, , .		1
116	An Isotropic 8.5 MHz magneti meta-lens. , 2011, , .		1
117	An overview of several recent antenna designs utilizing nature-inspired optimization algorithms. , 2014, , .		1
118	Miniaturized low profile antenna enabled by a complementary SRR loaded metasurface. , 2015, , .		1
119	A highly-confined dielectric waveguide enabled by conformal anisotropic impedance surfaces. , 2017, , .		1
120	2-Element Slot Antenna Array Based on Substrate Integrated Waveguide at Q-band. , 2021, , .		1
121	Millimeter-Wave Transmit-Arrays for Vector Vortex Beam Generation. , 2021, , .		1
122	Recent Development of Microwave and Millimeter-Wave Dual-Circularly-Polarized Arrays. , 2020, , .		1
123	Modal Analysis, Inverse-Design, and Experimental Validation of Bandwidth-Controllable Suspended Patch Antennas Loaded With Cylindrical Anisotropic Impedance Surfaces. IEEE Transactions on Antennas and Propagation, 2022, 70, 8983-8995.	3.1	1
124	Low loss genetically engineered multilayer fishnet NIM for microwave applications. , 2009, , .		0
125	Experimental verification of substrate-induced bianisotropy in optical metamaterials. , 2012, , .		0
126	Experimental demonstration of an optical artificial perfect magnetic mirror using dielectric resonators. , 2012, , .		0

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127	A low-profile high-gain SIW slot antenna using anisotropic zero-index metamaterial coating. , 2013, , .		0
128	A dispersion engineering enabled broadband optical metamaterial filter. , 2013, , .		0
129	Substrate-induced bianisotropy compensation in optical metamaterials. , 2013, , .		0
130	Demonstration of broadband and wide-angle optical metasurface-based waveplates. , 2014, , .		0
131	Metasurface-enabled electromagnetic cloaking and illusion coatings beyond the quasi-static limit. , 2014, , .		0
132	An integrated metasurface filtering cloak for monopole antennas. , 2015, , .		0
133	Parametric analysis of electromagnetically induced transparency (EIT) in chiral metamaterials. , 2015, , .		0
134	Compact narrowband and wideband circularly-polarized filtering antennas. , 2015, , .		0
135	Modal-expansion analysis of monopole antennas coated by a finite-height tensor impedance surface. , 2017, , .		0
136	Parametric Investigations and Demonstration of A Metasurface-Coated Ultra-wideband Monopole. , 2018, , .		0
137	Verification and crosstalk of chirowaveguides. , 2018, , .		0
138	2018 IEEE International Workshop on Antenna Technology [Meeting Reports]. IEEE Antennas and Propagation Magazine, 2019, 61, 9-11.	1.2	0
139	Chapter 8: Broadband Optical Metasurfaces and Metamaterials. , 2016, , 321-370.		0
140	A Mode Matching Method for Efficient Evaluation of Short Backfire Antennas Loaded with Anisotropic Impedance Surfaces. , 2021, , .		0
141	Modal Expansion Analysis, Design, and Optimization of Metasurface-Coated Vertically-Polarized Antennas. , 2021, , .		0
142	Recent Developments of Wideband and Multi-Band Dual-Circularly-Polarized Reflect-Arrays. , 2022, , .		0
143	Dual-band Dual-Circularly-Polarized Reflect-array for Four-Color Multibeam Generation at K-/Ka-bands. , 2021, , .		0
144	A Layer-Substitutable Dual-Circularly-Polarized Reflect-Array at X-band. , 2021, , .		0