

Yue Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Wideband Dual-Polarized Endfire Antenna Based on Compact Open-Ended Cavity for 5G Mm-Wave Mobile Phones. IEEE Transactions on Antennas and Propagation, 2022, 70, 1632-1642.	5.1	29
2	Length-Irrelevant Dual-Polarized Antenna Based on Antiphase Epsilon-Near-Zero Mode. IEEE Transactions on Antennas and Propagation, 2022, 70, 720-725.	5.1	4
3	Omnidirectional Antenna Diversity System for High-Speed Onboard Communication. Engineering, 2022, 11, 72-79.	6.7	4
4	A Reconfigurable Reflectarray Antenna With an 8 \times $\frac{1}{4}$ λ -Thick Layer of Liquid Crystal. IEEE Transactions on Antennas and Propagation, 2022, 70, 2770-2778.	5.1	30
5	A Two-Port Microstrip Antenna With High Isolation for Wi-Fi 6 and Wi-Fi 6E Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 5227-5234.	5.1	16
6	A Broadband Dual-Antenna Pair Based on Half-Open Cavity With Horizontally Polarized Radiation for Wi-Fi 6/6E Application. IEEE Transactions on Antennas and Propagation, 2022, 70, 4250-4258.	5.1	7
7	Scalable Omnidirectional Dual-Polarized Antenna Using Cavity and Slot-Dipole Hybrid Structure. IEEE Transactions on Antennas and Propagation, 2022, 70, 4215-4223.	5.1	12
8	High-Gain Omnidirectional Dual-Polarized Antenna for Sink Nodes in Wireless Sensor Networks. Sensors, 2022, 22, 788.	3.8	2
9	Vertically Polarized 360° Azimuth Scanning Array. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 898-902.	4.0	2
10	Wideband Isotropic Antenna With Miniaturized Ground for Enhanced 3 dB Coverage Ratio. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1253-1257.	4.0	8
11	Waveguide effective plasmonics with structure dispersion. Nanophotonics, 2022, 11, 1659-1676.	6.0	13
12	Design, Experiment, and Commissioning of the Spent Fuel Conveying and Loading System of HTR-PM. Science and Technology of Nuclear Installations, 2022, 2022, 1-8.	0.8	3
13	A Substrate Integrated Slot Leaky-Wave Antenna for Point-to-Point Communication. IEEE Transactions on Antennas and Propagation, 2022, 70, 9888-9893.	5.1	5
14	Geometry-independent antenna based on Epsilon-near-zero medium. Nature Communications, 2022, 13, .	12.8	15
15	Impedance matching via ultrathin metatronic layer assisted by Smith Chart. Optics Express, 2022, 30, 25567.	3.4	1
16	A Simple Dual-Polarized Patch Antenna Array for Wi-Fi 6/6E Application. IEEE Transactions on Antennas and Propagation, 2022, 70, 11143-11148.	5.1	3
17	Dispersion coding of ENZ media via multiple photonic dopants. Light: Science and Applications, 2022, 11, .	16.6	13
18	A Slender Fabry-Pérot Antenna for High-Gain Horizontally Polarized Omnidirectional Radiation. IEEE Transactions on Antennas and Propagation, 2021, 69, 526-531.	5.1	12

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19	Miniaturization of Omnidirectional Cavity Antennas Using Substrate-Integrated Impedance Surfaces. IEEE Transactions on Antennas and Propagation, 2021, 69, 1728-1733.	5.1	7
20	Antenna Decoupling by Common and Differential Modes Cancellation. IEEE Transactions on Antennas and Propagation, 2021, 69, 672-682.	5.1	99
21	Deeper Confinement of Electromagnetic Waves Beyond Spoof Surface Plasmon Polaritons. IEEE Transactions on Antennas and Propagation, 2021, 69, 2142-2150.	5.1	1
22	Decoupling Between Extremely Closely Spaced Patch Antennas by Mode Cancellation Method. IEEE Transactions on Antennas and Propagation, 2021, 69, 3074-3083.	5.1	84
23	A Wideband Dual-Polarized Endfire Antenna Array With Overlapped Apertures and Small Clearance for 5G Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 815-824.	5.1	77
24	Wideband Decoupling of Integrated Slot Antenna Pairs for 5G Smartphones. IEEE Transactions on Antennas and Propagation, 2021, 69, 2386-2391.	5.1	64
25	Inhibited Optical Turbulence in Near-Zero-Index Media. , 2021, , .		0
26	Design of a Dual Linearly Polarized Endfire Antenna. IEEE Transactions on Antennas and Propagation, 2021, , 1-1.	5.1	3
27	Compact Co-polarized PIFAs for Full-Duplex Application Based on CM/DM Cancellation Theory. IEEE Transactions on Antennas and Propagation, 2021, 69, 7103-7110.	5.1	24
28	Design of a Stacked Co-Polarized Full-Duplex Antenna With Broadside Radiation. IEEE Transactions on Antennas and Propagation, 2021, 69, 7111-7118.	5.1	22
29	Compact Co-Linearly Polarized Microstrip Antenna With Fence-Strip Resonator Loading for In-Band Full-Duplex Systems. IEEE Transactions on Antennas and Propagation, 2021, 69, 7125-7133.	5.1	57
30	A Grooved Half-Mode Waveguide Leaky-Wave Antenna for Vertically-Polarized Endfire Radiation. IEEE Transactions on Antennas and Propagation, 2021, 69, 8229-8236.	5.1	8
31	Dual-Band Dual-Polarized Microstrip Antenna Array Using Double-Layer Gridded Patches for 5G Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 6489-6499.	5.1	63
32	Gain Stabilization Method for Wideband Slot-Coupled Microstrip Antenna. IEEE Transactions on Antennas and Propagation, 2021, 69, 8932-8936.	5.1	9
33	N -Port Equal/Unequal-Split Power Dividers Using Epsilon-Near-Zero Metamaterials. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 1529-1537.	4.6	19
34	A Novel Reconfigurable Miniaturized Phase Shifter for 2-D Beam Steering 2-Bit Array Applications. IEEE Microwave and Wireless Components Letters, 2021, 31, 381-384.	3.2	21
35	Superposition of $\hat{\mu}$ -Near-Zero and Fabry-Perot Transmission Modes. Physical Review Applied, 2021, 16, .	3.8	4
36	Wideband Integrated Quad-Element MIMO Antennas Based on Complementary Antenna Pairs for 5G Smartphones. IEEE Transactions on Antennas and Propagation, 2021, 69, 4466-4474.	5.1	52

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37	Omnidirectional Dual-Polarized Antenna Using Colocated Slots With Wedgy Profile. IEEE Transactions on Antennas and Propagation, 2021, 69, 5446-5454.	5.1	11
38	Integrated epsilon-near-zero antenna for omnidirectional radiation. Applied Physics Letters, 2021, 119, .	3.3	5
39	Dual-band Shared-aperture Microstrip Antenna Array for 4G/5G Applications. , 2021, , .		0
40	128-Element Multibeam Antenna Array with Integrated Feeding Networks. , 2021, , .		0
41	A Novel Integrated Multi-Beam Antenna Array for Low-complex Massive MIMO Base Station. , 2021, , .		1
42	Endfire Antenna Array Using Microstrip-Fed Cavity-Backed Slot Elements. IEEE Transactions on Antennas and Propagation, 2020, 68, 2428-2433.	5.1	8
43	Circularly Polarized 2 Bit Reconfigurable Beam-Steering Antenna Array. IEEE Transactions on Antennas and Propagation, 2020, 68, 2416-2421.	5.1	52
44	Omnidirectional Dual-Polarized Saber Antenna With Low Wind Drag. IEEE Transactions on Antennas and Propagation, 2020, 68, 558-563.	5.1	18
45	Self-Decoupled MIMO Antenna Pair With Shared Radiator for 5G Smartphones. IEEE Transactions on Antennas and Propagation, 2020, 68, 3423-3432.	5.1	142
46	Dual-Mode Compression of Dipole Antenna by Loading Electrically Small Loop Resonator. IEEE Transactions on Antennas and Propagation, 2020, 68, 3243-3247.	5.1	25
47	Millimeter-Wave Air-Filled Slot Antenna With Conical Beam Based on Bulk Silicon MEMS Technology. IEEE Transactions on Antennas and Propagation, 2020, 68, 4077-4081.	5.1	14
48	Design and System Verification of Reconfigurable Matching Circuits for Implantable Antennas in Tissues With Broad Permittivity Range. IEEE Transactions on Antennas and Propagation, 2020, 68, 4955-4960.	5.1	14
49	Wideband 5G MIMO Antenna With Integrated Orthogonal-Mode Dual-Antenna Pairs for Metal-Rimmed Smartphones. IEEE Transactions on Antennas and Propagation, 2020, 68, 2494-2503.	5.1	160
50	An Epsilon-Near-Zero-Inspired PDMS Substrate Antenna With Deformation-Insensitive Operating Frequency. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1591-1595.	4.0	11
51	Near-zero-index media as electromagnetic ideal fluids. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24050-24054.	7.1	34
52	Millimeter-Wave Planar Antenna Array Based on Modified Bulk Silicon Micromachining Technology. IEEE Transactions on Antennas and Propagation, 2020, 68, 7676-7681.	5.1	6
53	Quasi-Isotropic Radiation Pattern Synthesis Using Triple Current Line Sources. IEEE Transactions on Antennas and Propagation, 2020, 68, 8150-8155.	5.1	18
54	A Dimension-Reduction Multibeam Antenna Scheme With Dual Integrated Butler Matrix Networks for Low-Complex Massive MIMO Systems. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1938-1942.	4.0	13

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55	Dual-Polarized Microstrip Antennas With Capacitive via Fence for Wide Beamwidth and High Isolation. IEEE Transactions on Antennas and Propagation, 2020, 68, 5095-5103.	5.1	50
56	A Pattern-Reconfigurable Aircraft Antenna With Low Wind Drag. IEEE Transactions on Antennas and Propagation, 2020, 68, 4397-4405.	5.1	20
57	A Photonic-Doping-Inspired SIW Antenna With Length-Invariant Operating Frequency. IEEE Transactions on Antennas and Propagation, 2020, 68, 5151-5158.	5.1	12
58	General Impedance Matching via Doped Epsilon-Near-Zero Media. Physical Review Applied, 2020, 13, .	3.8	29
59	Mode Compression Method for Wideband Dipole Antenna by Dual-Point Capacitive Loadings. IEEE Transactions on Antennas and Propagation, 2020, 68, 6424-6428.	5.1	26
60	Metantenna: When Metasurface Meets Antenna Again. IEEE Transactions on Antennas and Propagation, 2020, 68, 1332-1347.	5.1	122
61	Metal Strip Endfire Antenna Based on TE ₁ Leaky-Wave Mode. IEEE Transactions on Antennas and Propagation, 2020, 68, 5916-5923.	5.1	10
62	Wideband Integrated Quad-Antenna Building Block for 5G 8Å–8 MIMO Smartphones. , 2020, , .		0
63	Broadband Dual-Polarized Millimeter Wave Antenna Array Using Overlapped Apertures. , 2020, , .		1
64	Four-Beam Antenna Array with Integrated Butler Matrix Feeding Network. , 2020, , .		1
65	Dual-polarized magnetic-current array antennas with high gain and low profile. URSI Radio Science Bulletin, 2020, 2020, 11-16.	0.1	0
66	High-Aperture-Efficiency Metamirror Using Ultra-Small and Low-Profile Monopole Elements. , 2020, , .		0
67	Tissue-Dependent Co-Matching Method for Dual-Mode Antenna in Implantable Neurostimulators. IEEE Transactions on Antennas and Propagation, 2019, 67, 5253-5264.	5.1	14
68	Compact Co-Horizontally Polarized Full-Duplex Antenna With Omnidirectional Patterns. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1154-1158.	4.0	39
69	Low-Profile Wideband Microstrip Antenna Based on Multiple Modes With Partial Apertures. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1372-1376.	4.0	14
70	A Broadband and High-Gain Endfire Antenna Array Fed by Air-Substrate Parallel Strip Line. IEEE Transactions on Antennas and Propagation, 2019, 67, 5717-5722.	5.1	16
71	Rectangular Dielectric Rod Antenna Fed by Air-Substrate Parallel Strip Line. IEEE Transactions on Antennas and Propagation, 2019, 67, 6308-6316.	5.1	8
72	Structural dispersionâ€‘based reduction of loss in epsilon-near-zero and surface plasmon polariton waves. Science Advances, 2019, 5, eaav3764.	10.3	30

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73	Dual-Beam Periodic Leaky-Wave Antenna With Reduced Beam Squinting. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2533-2537.	4.0	15
74	Dispersion and Field Control in a Metasurface-Implanted Waveguide. , 2019, , .		0
75	Dual-Polarized High-Gain Microstrip Antenna for MIMO Wireless Communication Systems. , 2019, , .		1
76	High-Gain Leaky-Wave Endfire Antenna Based on Hansen's "Woodyard Condition. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2155-2159.	4.0	18
77	Compact Dual-Polarized Cross-Slot Antenna With Colocated Feeding. IEEE Transactions on Antennas and Propagation, 2019, 67, 7139-7143.	5.1	18
78	Substrate-integrated photonic doping for near-zero-index devices. Nature Communications, 2019, 10, 4132.	12.8	47
79	Three-Dimensional Graphene Field-Effect Transistors as High-Performance Photodetectors. Nano Letters, 2019, 19, 1494-1503.	9.1	113
80	Effective Epsilon-Near-Zero (ENZ) Antenna Based on Transverse Cutoff Mode. IEEE Transactions on Antennas and Propagation, 2019, 67, 2289-2297.	5.1	25
81	Monostatic Copolarized Simultaneous Transmit and Receive (STAR) Antenna by Integrated Single-Layer Design. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 472-476.	4.0	29
82	Wideband Epsilon-Near-Zero Supercoupling Control through Substrate-Integrated Impedance Surface. Advanced Theory and Simulations, 2019, 2, 1900059.	2.8	12
83	Half-mode dielectric waveguide antenna fed by a microstrip line with air media for endfire radiation. IET Microwaves, Antennas and Propagation, 2019, 13, 854-858.	1.4	0
84	Low-Profile Compact Circularly Polarized Slot-Etched PIFA Using Even and Odd Modes. IEEE Transactions on Antennas and Propagation, 2019, 67, 4189-4194.	5.1	22
85	An Open Cavity Leaky-Wave Antenna With Vertical-Polarization Endfire Radiation. IEEE Transactions on Antennas and Propagation, 2019, 67, 3455-3460.	5.1	31
86	Sabre-Like Omnidirectional Dual-Polarized Antennas for Low Wind Drag Applications. , 2019, , .		0
87	Homogenization Theory for Substrate-Integrated Metasurface and Its Applications in Scaling of Electromagnetic Devices. , 2019, , .		0
88	Subwavelength and low-profile element using metallic hole for reflected antenna array. Electronics Letters, 2019, 55, 436-438.	1.0	3
89	Omnidirectional Dual-polarized Antenna for Space-limited Systems. , 2019, , .		0
90	Microstrip-Fed Endfire Antennas with High Gain and Stable Radiation Pattern. , 2019, , .		0

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91	A Novel Modified Silicon Micromachining Process with Near-Zero Dielectric Loss for High-Efficiency Antenna Design up to Terahertz Band. , 2019, , .		2
92	A Hybrid Uniform/Periodic Dual-Mode Dielectric Grating Leaky-Wave Antenna. , 2019, , .		0
93	A Compact Planar Omnidirectional MIMO Array Antenna With Pattern Phase Diversity Using Folded Dipole Element. IEEE Transactions on Antennas and Propagation, 2019, 67, 1688-1696.	5.1	25
94	Dual-Polarized, High-Gain, and Low-Profile Magnetic Current Array Antenna. IEEE Transactions on Antennas and Propagation, 2019, 67, 1312-1317.	5.1	20
95	All-Metal Endfire Antenna With High Gain and Stable Radiation Pattern for the Platform-Embedded Application. IEEE Transactions on Antennas and Propagation, 2019, 67, 730-737.	5.1	27
96	Low-Cost Compact Circularly Polarized Dual-Layer PIFA for Active RFID Reader. IEEE Transactions on Antennas and Propagation, 2019, 67, 681-686.	5.1	33
97	Low-Profile and Wideband Microstrip Antenna Using Quasi-Periodic Aperture and Slot-to-CPW Transition. IEEE Transactions on Antennas and Propagation, 2019, 67, 632-637.	5.1	45
98	Microstrip-Fed Surface-Wave Antenna for Endfire Radiation. IEEE Transactions on Antennas and Propagation, 2019, 67, 580-584.	5.1	18
99	Low-Profile and Wideband Microstrip Antenna With Stable Gain for 5G Wireless Applications. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 621-624.	4.0	77
100	Experimental Verification of Guided-Wave Lumped Circuits Using Waveguide Metamaterials. Physical Review Applied, 2018, 9, .	3.8	14
101	Reconfigurable 2-bit Fixed-Frequency Beam Steering Array Based on Microstrip Line. IEEE Transactions on Antennas and Propagation, 2018, 66, 683-691.	5.1	44
102	Multiple Fan-Beam Antenna Array for Massive MIMO Applications. Journal of Communications and Information Networks, 2018, 3, 38-42.	5.2	3
103	Channel Feedback Codebook Design for Millimeter-Wave Massive MIMO Systems Relying on Lens Antenna Array. IEEE Wireless Communications Letters, 2018, 7, 736-739.	5.0	14
104	Low-Profile EndFire Leaky-Wave Antenna With Air Media. IEEE Transactions on Antennas and Propagation, 2018, 66, 1086-1092.	5.1	41
105	Antenna Miniaturization in Mobile Communication Systems. , 2018, , 205-226.		0
106	Broadband and Low-profile Microstrip Antennas with Periodical Structures. , 2018, , .		0
107	A Reconstructing Method for Multifeed Large-Scale Antenna Array Pattern Measurement. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2018, 3, 277-288.	2.2	1
108	Sliding the Radiating Aperture of Multi-Beam Transmitarray with Low Scan Loss. , 2018, , .		1

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109	Capacitor-Inspired Metamaterial Inductors. <i>Physical Review Applied</i> , 2018, 10, .	3.8	27
110	Accurate Model of the Metasurface-loaded Waveguide. , 2018, , .		0
111	Waveguide Dispersion Tailoring by Using Embedded Impedance Surfaces. <i>Physical Review Applied</i> , 2018, 10, .	3.8	14
112	A Reconfiguring Mobile Antenna for Reducing Hand Influence of Full Metal ID. , 2018, , .		0
113	Ultrasensitive, Parity-Asymmetric Time-Symmetric Wireless Reactive and Resistive Sensors. <i>IEEE Sensors Journal</i> , 2018, 18, 9548-9555.	4.7	47
114	Dual Linearly Polarized Microstrip Antenna Using a Slot-Loaded TM ₅₀ Mode. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018, 17, 2344-2348.	4.0	27
115	All-Metal Centipede-Like End-Fire Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018, 17, 1905-1909.	4.0	17
116	Low Loss Millimeter Wave Antennas Using Modified Silicon Micromachining Process. , 2018, , .		0
117	Multi-Beam Antennas for Massive MIMO System with Vertical Spatial Filtering Technique. , 2018, , .		0
118	Planar Air-Filled Terahertz Antenna Array Based on Channelized Coplanar Waveguide Using Hierarchical Silicon Bulk Micromachining. <i>IEEE Transactions on Antennas and Propagation</i> , 2018, 66, 5318-5325.	5.1	20
119	Ultra-Wideband Microwave Absorption by Design and Optimization of Metasurface Salisbury Screen. <i>IEEE Access</i> , 2018, 6, 26843-26853.	4.2	51
120	Linear Multibeam Transmitarray Based on the Sliding Aperture Technique. <i>IEEE Transactions on Antennas and Propagation</i> , 2018, 66, 3948-3958.	5.1	15
121	High-gain and low-profile microstrip antenna using slot-loaded TM ₅₀ mode. , 2018, , .		4
122	A Planar Printed Non-Band Loop-Monopole Reconfigurable Antenna for Mobile Handsets. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018, 17, 1575-1579.	4.0	35
123	Tightly arranged orthogonal mode antenna for 5G MIMO mobile terminal. <i>Microwave and Optical Technology Letters</i> , 2018, 60, 1751-1756.	1.4	35
124	Compact 5G MIMO Mobile Phone Antennas With Tightly Arranged Orthogonal-Mode Pairs. <i>IEEE Transactions on Antennas and Propagation</i> , 2018, 66, 6364-6369.	5.1	215
125	Isotropic single-photon sources. <i>Optics Letters</i> , 2018, 43, 2736.	3.3	6
126	Narrow-Width Periodic Leaky-Wave Antenna Array for Endfire Radiation Based on Hansen's "Woodward Condition. <i>IEEE Transactions on Antennas and Propagation</i> , 2018, 66, 6393-6396.	5.1	50

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127	Reconfigurable epsilon-near-zero metasurfaces via photonic doping. <i>Nanophotonics</i> , 2018, 7, 1117-1127.	6.0	47
128	Air Substrate 2-D Planar Cavity Antenna With Chessboard Structure. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017, 16, 321-324.	4.0	6
129	Bidirectional same-sense circularly polarized antenna using slot-coupled back-back patches. <i>Microwave and Optical Technology Letters</i> , 2017, 59, 645-648.	1.4	16
130	Magnetic field concentration assisted by epsilon-near-zero media. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160059.	3.4	8
131	Photonic doping of epsilon-near-zero media. <i>Science</i> , 2017, 355, 1058-1062.	12.6	198
132	Pattern synthesis for equal-gain coverage in air-to-ground communication. <i>Microwave and Optical Technology Letters</i> , 2017, 59, 750-753.	1.4	0
133	Air-Filled Long Slot Leaky-Wave Antenna Based on Folded Half-Mode Waveguide Using Silicon Bulk Micromachining Technology for Millimeter-Wave Band. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 3409-3418.	5.1	35
134	60-GHz air-cavity-fed slot antenna array using modified silicon micromachining process. , 2017, , .		3
135	Omnidirectional Dual-Polarized Antenna With Sabre-Like Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 3221-3225.	5.1	31
136	Single-Layer Magnetic Current Antenna Array With High Realized Aperture Usage Rate Based on Microstrip Line Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 584-592.	5.1	9
137	A Fixed-Beam Leaky-Wave Cavity-Backed Slot Antenna Manufactured by Bulk Silicon MEMS Technology. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 4399-4405.	5.1	31
138	Breaking the field symmetry of transmission lines. , 2017, , .		0
139	Magnetic current synthesis using cavity structures. , 2017, , .		1
140	Broadband and Low-Profile Microstrip Antenna Using Strip-Slot Hybrid Structure. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017, 16, 3118-3121.	4.0	55
141	Low-Sidelobe Air-Filled Slot Array Fabricated Using Silicon Micromachining Technology for Millimeter-Wave Application. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 4067-4074.	5.1	34
142	A Millimeter-Wave Micromachined Air-Filled Slot Antenna Fed by Patch. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2017, 7, 1683-1690.	2.5	20
143	Air Substrate Slot Array Based on Channelized Coplanar Waveguide. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017, 16, 892-895.	4.0	8
144	A Dual-Beam Eight-Element Antenna Array With Compact CPWG Crossover Structure. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017, 16, 1269-1272.	4.0	12

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145	Controlling the Bidirectional Circular Polarization States Using Ultrathin Back-to-Back Quarter-Wave Plates Cavity. Scientific Reports, 2017, 7, 15257.	3.3	1
146	A millimeter-wave patch-fed slot antenna with air cavity. , 2017, , .		0
147	Scattering properties of epsilon-and-mu-near-zero metamaterials. , 2017, , .		0
148	Modified silicon micromachining process with air cavities and silicon-to-air transitions for low-loss millimeter-wave antenna tape-out. , 2017, , .		0
149	Metasurface Salisbury screen: achieving ultra-wideband microwave absorption. Optics Express, 2017, 25, 30241.	3.4	61
150	Metamaterial-inspired microstrip antennas for wireless communication systems. , 2017, , .		1
151	Dispersion synthesis with multi-ordered metatronic filters. Optics Express, 2017, 25, 1937.	3.4	18
152	Triangular cavity for wideband antenna with large radiating aperture. , 2016, , .		3
153	An experimental system for generating and identifying tunable orbital angular momentum in radio. , 2016, , .		4
154	60 GHz air cavity antenna array with checkerboard structure using MEMS micromachining process. , 2016, , .		2
155	Circular polarization transmitarray element with linear polarization feed. , 2016, , .		2
156	Two designs of bidirectional same-sense circularly polarized antennas with cavity structures. , 2016, , .		1
157	Dual-polarized omnidirectional antennas with folded structures. , 2016, , .		0
158	Dual-layered metalens for polarization-agile orbital angular momentum waves. , 2016, , .		4
159	Horizontally polarized omnidirectional antenna using open-ended cavity. , 2016, , .		1
160	Antennas wrapped up on slender column. , 2016, , .		0
161	Structuring band-pass dispersion with cascaded high- and low-pass optical metatronic metasurfaces. , 2016, , .		1
162	Metatronic analogues of the Wheatstone bridge. Journal of the Optical Society of America B: Optical Physics, 2016, 33, A72.	2.1	11

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163	Broadband hybrid dipole antenna. , 2016, , .		0
164	Horizontally Polarized Omnidirectional Antenna Array Using Cascaded Cavities. IEEE Transactions on Antennas and Propagation, 2016, 64, 5454-5459.	5.1	36
165	Waveguide metatronics: Lumped circuitry based on structural dispersion. Science Advances, 2016, 2, e1501790.	10.3	61
166	60-GHz Air Substrate Leaky-Wave Antenna Based on MEMS Micromachining Technology. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2016, 6, 1656-1662.	2.5	33
167	Microwave analogues of multi-ordered metatronic filters with waveguide metamaterials. , 2016, , .		2
168	Wideband Triangular-Cavity-Cascaded Antennas. IEEE Transactions on Antennas and Propagation, 2016, 64, 2840-2847.	5.1	13
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