

Long Li

List of Publications by Year in descending order

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191
papers

5,531
citations

94433

37
h-index

88630

70
g-index

192
all docs

192
docs citations

192
times ranked

3697
citing authors

#	ARTICLE	IF	CITATIONS
1	High-capacity millimetre-wave communications with orbital angular momentum multiplexing. <i>Nature Communications</i> , 2014, 5, 4876.	12.8	972
2	Design, fabrication, and measurement of reflective metasurface for orbital angular momentum vortex wave in radio frequency domain. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	258
3	Generating multiple orbital angular momentum vortex beams using a metasurface in radio frequency domain. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	243
4	A wide-angle polarization-insensitive ultra-thin metamaterial absorber with three resonant modes. <i>Journal of Applied Physics</i> , 2011, 110, .	2.5	208
5	Metasurface Superstrate Antenna With Wideband Circular Polarization for Satellite Communication Application. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016, 15, 374-377.	4.0	158
6	Intelligent metasurfaces: control, communication and computing. <i>ELight</i> , 2022, 2, .	23.9	158
7	Numerical Analysis on Transmission Efficiency of Evanescent Resonant Coupling Wireless Power Transfer System. <i>IEEE Transactions on Antennas and Propagation</i> , 2010, 58, 1751-1758.	5.1	131
8	Recent advances in high-capacity free-space optical and radio-frequency communications using orbital angular momentum multiplexing. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20150439.	3.4	131
9	Line-of-Sight Millimeter-Wave Communications Using Orbital Angular Momentum Multiplexing Combined With Conventional Spatial Multiplexing. <i>IEEE Transactions on Wireless Communications</i> , 2017, 16, 3151-3161.	9.2	130
10	A Wideband 1Âbit 12 Ã– 12 Reconfigurable Beam-Scanning Reflectarray: Design, Fabrication, and Measurement. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019, 18, 1268-1272.	4.0	121
11	Efficient Wireless Power Transfer System Integrating With Metasurface for Biological Applications. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 3230-3239.	7.9	119
12	Design of Near-Field Focused Metasurface for High-Efficient Wireless Power Transfer With Multifocus Characteristics. <i>IEEE Transactions on Industrial Electronics</i> , 2019, 66, 3993-4002.	7.9	111
13	A Low-Profile Dual-Polarized High-Isolation MIMO Antenna Arrays for Wideband Base-Station Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2018, 66, 191-202.	5.1	97
14	Design and Synthesis of Multilayer Frequency Selective Surface Based on Antenna-Filter-Antenna Using Minkowski Fractal Structures. <i>IEEE Transactions on Antennas and Propagation</i> , 2015, 63, 133-141.	5.1	96
15	Novel Polarization-Reconfigurable Converter Based on Multilayer Frequency-Selective Surfaces. <i>Proceedings of the IEEE</i> , 2015, 103, 1057-1070.	21.3	87
16	Novel Broadband Planar Reflectarray With Parasitic Dipoles for Wireless Communication Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009, 8, 881-885.	4.0	84
17	Frequency Selective Reflectarray Using Crossed-Dipole Elements With Square Loops for Wireless Communication Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2011, 59, 89-99.	5.1	75
18	Compact Dual-Band, Wide-Angle, Polarization- Angle -Independent Rectifying Metasurface for Ambient Energy Harvesting and Wireless Power Transfer. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021, 69, 1518-1528.	4.6	70

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19	Dual-polarization and dual-mode orbital angular momentum radio vortex beam generated by using reflective metasurface. <i>Applied Physics Express</i> , 2016, 9, 082202.	2.4	69
20	Locally Resonant Cavity Cell Model for Electromagnetic Band Gap Structures. <i>IEEE Transactions on Antennas and Propagation</i> , 2006, 54, 90-100.	5.1	66
21	Ultra-wideband polarization-insensitive and wide-angle thin absorber based on resistive metasurfaces with three resonant modes. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	65
22	Tri-band miniaturized wide-angle and polarization-insensitive metasurface for ambient energy harvesting. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	64
23	Mode-Division-Multiplexing of Multiple Bessel-Gaussian Beams Carrying Orbital-Angular-Momentum for Obstruction-Tolerant Free-Space Optical and Millimetre-Wave Communication Links. <i>Scientific Reports</i> , 2016, 6, 22082.	3.3	63
24	Generation of high-order Bessel vortex beam carrying orbital angular momentum using multilayer amplitude-phase-modulated surfaces in radiofrequency domain. <i>Applied Physics Express</i> , 2017, 10, 016701.	2.4	59
25	Progress, challenges, and perspective on metasurfaces for ambient radio frequency energy harvesting. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	55
26	Broadband polarization-independent and low-profile optically transparent metamaterial absorber. <i>Applied Physics Express</i> , 2018, 11, 052001.	2.4	52
27	1-bit digital orbital angular momentum vortex beam generator based on a coding reflective metasurface. <i>Optical Materials Express</i> , 2018, 8, 3470.	3.0	51
28	Generation, reception and separation of mixed-state orbital angular momentum vortex beams using metasurfaces. <i>Optical Materials Express</i> , 2017, 7, 3312.	3.0	50
29	Adaptively Smart Wireless Power Transfer Using 2-Bit Programmable Metasurface. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 8524-8534.	7.9	47
30	Characteristic Mode Cancellation Method and Its Application for Antenna RCS Reduction. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019, 18, 1784-1788.	4.0	46
31	An Optically Transparent Near-Field Focusing Metasurface. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021, 69, 2015-2027.	4.6	45
32	Design, Measurement and Analysis of Near-Field Focusing Reflective Metasurface for Dual-Polarization and Multi-Focus Wireless Power Transfer. <i>IEEE Access</i> , 2019, 7, 110387-110399.	4.2	44
33	Frequency-Domain and Spatial-Domain Reconfigurable Metasurface. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23554-23564.	8.0	44
34	Metamaterials and Metasurfaces for Wireless Power Transfer and Energy Harvesting. <i>Proceedings of the IEEE</i> , 2022, 110, 31-55.	21.3	43
35	Dielectric resonator antenna with $Y_{3}Al_{5}O_{12}$ transparent dielectric ceramics for 5G millimeter-wave applications. <i>Journal of the American Ceramic Society</i> , 2021, 104, 4659-4668.	3.8	41
36	EXPERIMENTAL STUDY OF EFFICIENT WIRELESS POWER TRANSFER SYSTEM INTEGRATING WITH HIGHLY SUB-WAVELENGTH METAMATERIALS. <i>Progress in Electromagnetics Research</i> , 2013, 141, 769-784.	4.4	40

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37	Frequency-Reconfigurable Quasi-Sierpinski Antenna Integrating With Dual-Band High-Impedance Surface. IEEE Transactions on Antennas and Propagation, 2014, 62, 4459-4467.	5.1	39
38	A Novel Compact Multiband Antenna Employing Dual-Band CRLH-TL for Smart Mobile Phone Application. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1688-1691.	4.0	38
39	A design of ultra-broadband metamaterial absorber. Waves in Random and Complex Media, 2017, 27, 381-391.	2.7	38
40	A Retrieval Method of Effective Electromagnetic Parameters for Inhomogeneous Metamaterials. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 1160-1178.	4.6	37
41	Broadband Implantable Antenna for Wireless Power Transfer in Cardiac Pacemaker Applications. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2021, 5, 2-8.	3.4	34
42	Millimeter-Wave Imaging Using 1-Bit Programmable Metasurface: Simulation Model, Design, and Experiment. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2020, 10, 52-61.	3.6	33
43	Electromagnetic Power Harvester Using Wide-Angle and Polarization-Insensitive Metasurfaces. Applied Sciences (Switzerland), 2018, 8, 497.	2.5	32
44	A novel dual-band metamaterial antenna based on complementary split ring resonators. Microwave and Optical Technology Letters, 2012, 54, 1007-1009.	1.4	30
45	A dual-band wide-angle polarization-insensitive ultrathin gigahertz metamaterial absorber. Microwave and Optical Technology Letters, 2013, 55, 1606-1609.	1.4	30
46	Mechanically Reconfigurable Single-Arm Spiral Antenna Array for Generation of Broadband Circularly Polarized Orbital Angular Momentum Vortex Waves. Scientific Reports, 2018, 8, 5128.	3.3	30
47	Amplification and Manipulation of Nonlinear Electromagnetic Waves and Enhanced Nonreciprocity using Transmissive Space-Time Coding Metasurface. Advanced Science, 2022, 9, e2105960.	11.2	30
48	Dual-Band Antenna Integrating With Rectangular Mushroom-Like Superstrate for WLAN Applications. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1269-1272.	4.0	28
49	Traveling-Wave Series-Fed Patch Array Antenna Using Novel Reflection-Canceling Elements for Flexible Beam. IEEE Access, 2019, 7, 111466-111476.	4.2	28
50	Surface-wave suppression band gap and plane-wave reflection phase band of mushroomlike photonic band gap structures. Journal of Applied Physics, 2008, 103, .	2.5	27
51	Versatile orbital angular momentum vortex beam generator based on reconfigurable reflective metasurface. Japanese Journal of Applied Physics, 2018, 57, 120303.	1.5	26
52	Broadband Transparent Absorber Based on Indium Tin Oxide-Polyethylene Terephthalate Film. IEEE Access, 2019, 7, 137848-137855.	4.2	24
53	Dual-Circularly Polarized Spin-Decoupled Reflectarray With FSS-Back for Independent Operating at Ku-Ka-Bands. IEEE Transactions on Antennas and Propagation, 2021, 69, 7041-7046.	5.1	24
54	An electromagnetic parameters extraction method for metamaterials based on phase unwrapping technique. Waves in Random and Complex Media, 2016, 26, 417-433.	2.7	23

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55	Recent advances in metamaterials for simultaneous wireless information and power transmission. <i>Nanophotonics</i> , 2022, 11, 1697-1723.	6.0	23
56	Dual-Band High Impedance Surface With Mushroom-Type Cells Loaded by Symmetric Meandered Slots. <i>IEEE Transactions on Antennas and Propagation</i> , 2012, 60, 4677-4687.	5.1	22
57	An improved NRW method to extract electromagnetic parameters of metamaterials. <i>Microwave and Optical Technology Letters</i> , 2016, 58, 647-652.	1.4	22
58	A Characteristic-Mode-Based Polarization-Reconfigurable Antenna and its Array. <i>IEEE Access</i> , 2018, 6, 64587-64595.	4.2	22
59	One-Bit Digital Coding Broadband Reflectarray Based on Fuzzy Phase Control. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017, 16, 1524-1527.	4.0	21
60	Analysis of Graphene-Based Devices Using Wave Equation Based Discontinuous Galerkin Time-Domain Method. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018, 17, 2169-2173.	4.0	21
61	A Magnetolectric Dipole Antenna With Beamwidth Reconfiguration. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019, 18, 621-625.	4.0	21
62	Multi-Orbital-Angular-Momentum-Mode Vortex Wave Multiplexing and Demultiplexing with Shared-Aperture Reflective Metasurfaces. <i>Physical Review Applied</i> , 2022, 17, .	3.8	21
63	Three-Dimensional Complementary Invisibility Cloak With Arbitrary Shapes. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015, 14, 1550-1553.	4.0	20
64	Miniaturized implantable antenna integrated with split resonate rings for wireless power transfer and data telemetry. <i>Microwave and Optical Technology Letters</i> , 2017, 59, 710-714.	1.4	20
65	Design of Low-RCS Antenna Using Antenna Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2019, 67, 6484-6493.	5.1	20
66	Reconfigurable metasurface with polarization-independent manipulation for reflection and transmission wavefronts. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 045107.	2.8	19
67	Generation of High-Order Bessel Orbital Angular Momentum Vortex Beam Using a Single-Layer Reflective Metasurface. <i>IEEE Access</i> , 2020, 8, 126504-126510.	4.2	19
68	GPU-Accelerated Hybrid Discontinuous Galerkin Time Domain Algorithm With Universal Matrices and Local Time Stepping Method. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 4738-4752.	5.1	19
69	Study of Antenna Superstrates Using Metamaterials for Directivity Enhancement Based on Fabry-Perot Resonant Cavity. <i>International Journal of Antennas and Propagation</i> , 2013, 2013, 1-10.	1.2	18
70	Sierpinski Space-Filling Curves and Their Application in High-Speed Circuits for Ultrawideband SSN Suppression. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2010, 9, 568-571.	4.0	17
71	External Invisibility Cloak for Multiobjects With Arbitrary Geometries. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014, 13, 273-276.	4.0	17
72	Generation and Analysis of High-Gain Orbital Angular Momentum Vortex Wave Using Circular Array and Parasitic EBG with oblique incidence. <i>Scientific Reports</i> , 2017, 7, 17363.	3.3	17

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73	A Compact Microstrip Antenna With Enhanced Bandwidth and Ultra-Wideband Harmonic Suppression. IEEE Transactions on Antennas and Propagation, 2019, 67, 1969-1974.	5.1	17
74	Metasurface-Inspired Low Profile Polarization Reconfigurable Antenna With Simple DC Controlling Circuit. IEEE Access, 2019, 7, 45073-45079.	4.2	17
75	Variable Scale Aperture Sampling Reception Method for Multiple Orbital Angular Momentum Modes Vortex Wave. IEEE Access, 2019, 7, 158847-158857.	4.2	16
76	High-Quality-Factor ALON Transparent Ceramics for 5 GHz Wi-Fi Aesthetically Decorative Antennas. ACS Applied Materials & Interfaces, 2021, 13, 46866-46874.	8.0	16
77	Design of invisibility anti-cloak for two-dimensional arbitrary geometries. Optics Express, 2013, 21, 9422.	3.4	15
78	Dual Zeroth-Order Resonance Antennas With Low Mutual Coupling for MIMO Communications. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1692-1695.	4.0	14
79	Back-to-Back Microstrip Antenna Design for Broadband Wide-Angle RF Energy Harvesting and Dedicated Wireless Power Transfer. IEEE Access, 2020, 8, 126868-126875.	4.2	14
80	Metamaterial-based Fabry-Pérot resonator for ultra-low profile high-gain antenna. Microwave and Optical Technology Letters, 2012, 54, 2620-2623.	1.4	13
81	Generation of Multiple Pseudo Bessel Beams with Accurately Controllable Propagation Directions and High Efficiency Using a Reflective Metasurface. Applied Sciences (Switzerland), 2020, 10, 7219.	2.5	13
82	Double-deflection vortex beam generation using a single elliptical patch with the theory of characteristic modes. Optics Express, 2020, 28, 12322.	3.4	13
83	Design, fabrication, and measurement of highly sub-wavelength double negative metamaterials at high frequencies. Journal of Applied Physics, 2013, 113, .	2.5	12
84	Broadband Microstrip Beam Deflector Based on Dual-Resonance Conformal Loops Array. IEEE Transactions on Antennas and Propagation, 2014, 62, 3028-3034.	5.1	12
85	An broadband transparent metamaterial absorber using an ITO resistive-film. , 2018, , .		12
86	A compact ultrawideband antenna with four band-notched characteristics. Microwave and Optical Technology Letters, 2012, 54, 2862-2865.	1.4	11
87	Penalty Factor Threshold and Time Step Bound Estimations for Discontinuous Galerkin Time-Domain Method Based on Helmholtz Equation. IEEE Transactions on Antennas and Propagation, 2020, 68, 7494-7506.	5.1	10
88	Generation and Measurement of a Bessel Vortex Beam Carrying Multiple Orbital-Angular-Momentum Modes through a Reflective Metasurface in the rf Domain. Physical Review Applied, 2021, 15, .	3.8	10
89	A compact ultrawideband antenna with two band-notches. Microwave and Optical Technology Letters, 2013, 55, 583-586.	1.4	9
90	An Optically Transparent Metantenna for RF Wireless Energy Harvesting. IEEE Transactions on Antennas and Propagation, 2022, 70, 2550-2560.	5.1	9

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91	Light-controlled metasurface with a controllable range of reflection phase modulation. Journal Physics D: Applied Physics, 2022, 55, 225302.	2.8	9
92	Design and Fabrication of 5.8GHz RF Energy Harvesting Rectifier. , 2019, , .		8
93	Synthesis and Measurement of a Circular-Polarized Deflection OAM Vortex Beam With Sidelobe Suppression Array. IEEE Access, 2020, 8, 89143-89151.	4.2	8
94	A Holographic Metasurface Based on Orthogonally Discrete Unit-Cell for Flexible Beam Formation and Polarization Control. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1893-1897.	4.0	8
95	Novel Miniaturized Octaband Antenna for LTE Smart Handset Applications. International Journal of Antennas and Propagation, 2015, 2015, 1-8.	1.2	7
96	Compact multiband antenna with CRLH-ZOR for wireless USB dongle applications. Microwave and Optical Technology Letters, 2014, 56, 1133-1138.	1.4	6
97	Design of a Minimized Complementary Illusion Cloak with Arbitrary Position. International Journal of Antennas and Propagation, 2015, 2015, 1-7.	1.2	6
98	A novel dual-band tunable band-notched antenna. Microwave and Optical Technology Letters, 2017, 59, 3014-3018.	1.4	6
99	Measurement Matrix Analysis and Radiation Improvement of a Metamaterial Aperture Antenna for Coherent Computational Imaging. Applied Sciences (Switzerland), 2017, 7, 933.	2.5	6
100	Combining CS With FEKO for Fast Target Characteristic Acquisition. IEEE Transactions on Antennas and Propagation, 2018, 66, 2494-2504.	5.1	6
101	Simultaneous turbulence mitigation and channel demultiplexing for two 100-Gbit/s orbital-angular-momentum multiplexed beams by adaptive wavefront shaping and diffusing. Optics Letters, 2020, 45, 702.	3.3	6
102	Frequency-Diverse Holographic Metasurface Antenna for Near-Field Microwave Computational Imaging. Frontiers in Materials, 2021, 8, .	2.4	6
103	Model Construction, Theoretical Analysis, and Miniaturized Implementation of High-Order Deflected Multivortex Beams With Uniform Elliptical Array. IEEE Transactions on Antennas and Propagation, 2022, 70, 7234-7239.	5.1	6
104	Compact Shorted Stacked-Patch Antenna Integrated with Chip-Package Based on LTCC Technology. International Journal of Antennas and Propagation, 2014, 2014, 1-11.	1.2	5
105	Two-dimensional concentrators using transformation optics via rotated-layered systems. Microwave and Optical Technology Letters, 2014, 56, 1776-1781.	1.4	5
106	Multifunctional Electromagnetic Concentrator Based on Complementary Media and Realized With Multilayer Metamaterials. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1804-1807.	4.0	4
107	A dual-band polarization-independent and wide-angle metasurface for electromagnetic power harvesting. , 2017, , .		4
108	A Transmission Metasurface Design for OAM Beam Generation and Beam Scanning. , 2019, , .		4

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109	Generation of dual-beam orbital angular momentum vortex beam using transmit arrays. , 2019, , .		4
110	A low-profile antenna system with compact new structure for reducing mutual coupling. Journal of Electromagnetic Waves and Applications, 2019, 33, 71-83.	1.6	4
111	An ISAR Imaging Framework for Large and Complex Targets Using TDSBR. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1928-1932.	4.0	4
112	A new miniaturized planar UWB antenna with WLAN Band notch characteristics. , 2014, , .		3
113	Metamaterial-inspired wideband low-profile circularly polarized antenna. , 2015, , .		3
114	A compact low profile dual-circularly polarized filtering antenna with metamaterial for wideband base station applications. Microwave and Optical Technology Letters, 2018, 60, 64-69.	1.4	3
115	A dual band Implantable Antenna. , 2018, , .		3
116	Multiple Orbital Angular Momentum Vortex Electromagnetic Waves Multiplex Transmission and Demultiplex Reception Analysis. , 2018, , .		3
117	Transparent Broadband Wide-angle Polarization-insensitive Metasurface Absorber for Microwave Antireflection. , 2019, , .		3
118	Extended aperture sample reception method for high-order orbital angular momentum vortex beam mode number measurement. Optics Express, 2020, 28, 30824.	3.4	3
119	Enhancement of Metasurface Aperture Microwave Imaging via Information-Theoretic Waveform Optimization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	3
120	Transient Scattering Echo Simulation and ISAR Imaging for a Composite Target-Ocean Scene Based on the TDSBR Method. Remote Sensing, 2022, 14, 1183.	4.0	3
121	Compact multiband antenna employing CRLH-TL structure for USB dongle applications. , 2013, , .		2
122	Frequency and pattern reconfigurable annular slot antenna with two feeding ports. , 2014, , .		2
123	Design of a Tri-bandpass FSS on dual-layer energy saving glass for improving RF transmission in green buildings. , 2015, , .		2
124	Polarization reconfigurable metasurface superstrate antenna with low profile. , 2016, , .		2
125	Reflective multi-functional polarization converter based on anisotropic metasurfaces. , 2016, , .		2
126	Broadband multi-layer metamaterial design based on quasi-log-periodic split-ring resonators. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	2

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127	Design of reflective phase-shifting surface for generating electromagnetic vortex wave. , 2017, , .		2
128	Fast analysis of multi-static scattering problems with compressive sensing technique. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 202, 136-146.	2.3	2
129	A Novel Dual-Band and Dual-Polarized Reconfigurable Reflectarray Antenna Element. , 2018, , .		2
130	A Novel Broadband Microstrip Patch Antenna with Small Ground Plane. , 2018, , .		2
131	A novel multifrequency mobile phone antenna with circularly polarized GPS application. Microwave and Optical Technology Letters, 2018, 60, 2033-2038.	1.4	2
132	An ambient energy harvester using metasurface. , 2018, , .		2
133	Ultra-wideband planar inverse-F antenna with periodic metal patches ground plane. , 2013, , .		1
134	High-directivity antenna using reconfigurable near-zero index metamaterial superstrates. , 2014, , .		1
135	Polarization diversity converter based on multilayer frequency selective surfaces. , 2015, , .		1
136	Reconfigurable electromagnetic band gap structure. , 2015, , .		1
137	Generating orbital angular momentum beam using reflectarray in THz band. , 2016, , .		1
138	Hybridized discontinuous Galerkin time domain method with boundary integral equation method. , 2016, , .		1
139	Compressed sensing imaging based on high Q metamaterial aperture element. , 2017, , .		1
140	High-selective band-reject FSS with dual-band near-zero refractive index based on complementary dual-layer symmetry resonator-ring. International Journal of Microwave and Wireless Technologies, 2018, 10, 243-251.	1.9	1
141	Generation of OAM Beams with Multiple Modes and Multiple Directions Using Coaxial Uniform Circular Array. , 2018, , .		1
142	Orbital Angular Momentum Mode Spectrum Analysis of Multi-UCA Antenna for Generating Vortex Electromagnetic Wave. , 2018, , .		1
143	A novel low profile antenna array with high isolation performance. Microwave and Optical Technology Letters, 2018, 60, 2227-2231.	1.4	1
144	An Impedance Transmission Boundary Condition-Based Interior Penalty Discontinuous Galerkin Time Domain Method for Analysis of Graphene. , 2019, , .		1

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145	Broadband Reflectarray for Millimeter Wave Coverage Enhancement in Indoor NLOS Scenario. , 2019, , .		1
146	Application of Compressive Sensing in Solving Monostatic Scattering Problems. International Journal of Antennas and Propagation, 2019, 2019, 1-7.	1.2	1
147	A Transparent Antenna For Hybrid Energy Harvesting. , 2021, , .		1
148	Design of Multifunctional Vortex Beam Antenna with Miniaturized Size. , 2021, , .		1
149	Double-Layer Broadband and Wide Beam Microstrip Array Antenna For 79GHz Automotive Radar. , 2021, , .		1
150	A novel broadband reconfigurable aperture-coupled element using 1-bit reflective phase shifter. , 2021, , .		1
151	Analysis of Feed Antenna in Near-Field Focusing-based Reflectarray for Wireless Power Transfer. , 2020, , .		1
152	Compression Mapping Based Bayesian Optimization for the Design of Frequency Selective Surface. , 2021, , .		1
153	Specific absorption rate assessment of fifth generation mobile phones with specific anthropomorphic mannequin model and high-resolution anatomical head model. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	1.2	1
154	Wireless Power Transfer and Energy Harvesting Using Metamaterials and Metasurfaces. , 2022, , .		1
155	Novel wavy EBG structures for ultra-wideband ground bounce noise suppression. , 2010, , .		0
156	Electromagnetic scattering from three-dimensional Bi-isotropic media using multilevel Green's function interpolation method. , 2010, , .		0
157	Analysis of scattering by an anisotropic uniaxial-coated conducting sphere using higher order hierarchical MoM. , 2010, , .		0
158	An electromagnetic model for thin wire structure with different radius. , 2011, , .		0
159	A simple asymptotical model for analyzing wire antenna with different radius. Microwave and Optical Technology Letters, 2012, 54, 960-964.	1.4	0
160	Single-layer frequency selective surface embedded with H-shape slots for stable performances. , 2013, , .		0
161	Multiband MIMO antenna for wireless USB dongle in LTE operation. , 2013, , .		0
162	A novel subwavelength fractal frequency selective surface based on antenna-filter-antenna. , 2013, , .		0

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163	A Novel Ultrawideband Planar Inverted-F Antenna with Capacitive Ground Plane. International Journal of Antennas and Propagation, 2013, 2013, 1-6.	1.2	0
164	Design of wavefronts transformers with complementary media. Microwave and Optical Technology Letters, 2014, 56, 875-879.	1.4	0
165	Dual-pass band equivalent circuit analysis for frequency selective surfaces. , 2015, , .		0
166	Three dimensional electromagnetic invisibility cloak with arbitrary shapes. , 2015, , .		0
167	Design of cloak for radially inhomogeneous spheres. , 2016, , .		0
168	Design of near-field focused power-combining reflectarray. , 2016, , .		0
169	Discontinuous galerkin time-domain method based on a new marching-on-in degree scheme. , 2017, , .		0
170	Helmholtz wave equation based discontinuous galerkin time domain method for 3d electromagnetic analysis. , 2017, , .		0
171	Design of wideband MIMO handset antennas using characteristic modes. , 2017, , .		0
172	A wideband magneto-electric dipole antenna for circularly polarized radiation. , 2017, , .		0
173	Optimal cloak of anisotropic spheres. , 2017, , .		0
174	A Novel Wideband Omnidirectional Circularly Polarized Antenna. , 2018, , .		0
175	Analysis of electromagnetic interference emission in domestic induction cooker. Microwave and Optical Technology Letters, 2018, 60, 3059-3068.	1.4	0
176	Electronic Beam-steering Using 1-Bit Digital Reflective Metasurface at Ka Band. , 2019, , .		0
177	A Dual-Polarized Phased-Array Antenna Based on Single Ridge Slotted Waveguide Array. , 2019, , .		0
178	Wideband Substrate-Integrated-Waveguide-Fed Magneto-Electric Dipole Array Antenna. , 2019, , .		0
179	Design of Polarization Reconfigurable Antenna Using Characteristic Mode. , 2019, , .		0
180	Pattern Reconfigurable Antenna with Multidirectional Beam for 5G Microbase Stations. , 2021, , .		0

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