

Long Li

List of Publications by Year in descending order

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3697
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptively Smart Wireless Power Transfer Using 2-Bit Programmable Metasurface. IEEE Transactions on Industrial Electronics, 2022, 69, 8524-8534.	7.9	47
2	An Optically Transparent Metantenna for RF Wireless Energy Harvesting. IEEE Transactions on Antennas and Propagation, 2022, 70, 2550-2560.	5.1	9
3	Metamaterials and Metasurfaces for Wireless Power Transfer and Energy Harvesting. Proceedings of the IEEE, 2022, 110, 31-55.	21.3	43
4	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
5	Recent advances in metamaterials for simultaneous wireless information and power transmission. Nanophotonics, 2022, 11, 1697-1723.	6.0	23
6	Amplification and Manipulation of Nonlinear Electromagnetic Waves and Enhanced Nonreciprocity using Transmissive Space-Time Coding Metasurface. Advanced Science, 2022, 9, e2105960.	11.2	30
7	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
8	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
9	Light-controlled metasurface with a controllable range of reflection phase modulation. Journal Physics D: Applied Physics, 2022, 55, 225302.	2.8	9
10	Multi-Orbital-Angular-Momentum-Mode Vortex Wave Multiplexing and Demultiplexing with Shared-Aperture Reflective Metasurfaces. Physical Review Applied, 2022, 17, .	3.8	21
11	Intelligent metasurfaces: control, communication and computing. ELight, 2022, 2, .	23.9	158
12	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
13	A Broadband Low Profile Transmitarray Based on SIW Structures. , 2022, , .		0
14	Wireless Power Transfer and Energy Harvesting Using Metamaterials and Metasurfaces. , 2022, , .		1
15	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
16	An ISAR Imaging Framework for Large and Complex Targets Using TDSBR. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1928-1932.	4.0	4
17	A Transparent Antenna For Hybrid Energy Harvesting. , 2021, , .		1
18	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

#	ARTICLE	IF	CITATIONS
19	Compact Dual-Band, Wide-Angle, Polarization- Angle -Independent Rectifying Metasurface for Ambient Energy Harvesting and Wireless Power Transfer. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 1518-1528.	4.6	70
20	An Optically Transparent Near-Field Focusing Metasurface. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 2015-2027.	4.6	45
21	Dielectric resonator antenna with $Y_{3}Al_{5}O_{12}$ transparent dielectric ceramics for 5G millimeter-wave applications. Journal of the American Ceramic Society, 2021, 104, 4659-4668.	3.8	41
22	Pattern Reconfigurable Antenna with Multidirectional Beam for 5G Microbase Stations. , 2021, , .		0
23	Design of Multifunctional Vortex Beam Antenna with Miniaturized Size. , 2021, , .		1
24	Double-Layer Broadband and Wide Beam Microstrip Array Antenna For 79GHz Automotive Radar. , 2021, , .		1
25	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
26	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
27	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
28	Frequency-Diverse Holographic Metasurface Antenna for Near-Field Microwave Computational Imaging. Frontiers in Materials, 2021, 8, .	2.4	6
29	A novel broadband reconfigurable aperture-coupled element using 1-bit reflective phase shifter. , 2021, , .		1
30	Multiple Orbital Angular Momentum Circular Polarization Vortex Beam Design with Equal Divergence Angle. , 2021, , .		0
31	Compression Mapping Based Bayesian Optimization for the Design of Frequency Selective Surface. , 2021, , .		1
32	Generation of Airy Beams Using an Amplitude-Phase-Modulated Metasurface. , 2021, , .		0
33	High Power and Wide Input Power Range Rectifying Metasurface with GaN Diode. , 2021, , .		0
34	Mesh Sharing Based Fast Parameter Sweep for EM Simulation Accelerated by H-matrix. , 2021, , .		0
35	Wireless Power Transfer based on Bessel beam. , 2021, , .		0
36	Reconfigurable metasurface with polarization-independent manipulation for reflection and transmission wavefronts. Journal Physics D: Applied Physics, 2020, 53, 045107.	2.8	19

#	ARTICLE	IF	CITATIONS
37	Generation of High-Order Bessel Orbital Angular Momentum Vortex Beam Using a Single-Layer Reflective Metasurface. IEEE Access, 2020, 8, 126504-126510.	4.2	19
38	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
39	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
40	Synthesis and Measurement of a Circular-Polarized Deflection OAM Vortex Beam With Sidelobe Suppression Array. IEEE Access, 2020, 8, 89143-89151.	4.2	8
41	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
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	Progress, challenges, and perspective on metasurfaces for ambient radio frequency energy harvesting. Applied Physics Letters, 2020, 116, .	3.3	55
44	GPU-Accelerated Hybrid Discontinuous Galerkin Time Domain Algorithm With Universal Matrices and Local Time Stepping Method. IEEE Transactions on Antennas and Propagation, 2020, 68, 4738-4752.	5.1	19
45	Frequency-Domain and Spatial-Domain Reconfigurable Metasurface. ACS Applied Materials & Interfaces, 2020, 12, 23554-23564.	8.0	44
46	Extended aperture sample reception method for high-order orbital angular momentum vortex beam mode number measurement. Optics Express, 2020, 28, 30824.	3.4	3
47	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
48	Double-deflection vortex beam generation using a single elliptical patch with the theory of characteristic modes. Optics Express, 2020, 28, 12322.	3.4	13
49	Generation of Vortex Beams with Mixed Modes based on Non-Uniform Circular Array. , 2020, , .		0
50	Low-Memory Hybrid Discontinuous Galerkin Time Domain Algorithm. , 2020, , .		0
51	Analysis of Feed Antenna in Near-Field Focusing-based Reflectarray for Wireless Power Transfer. , 2020, , .		1
52	Beam Steering for Base Station Antenna Array using Transmission Metasurface Cell. , 2020, , .		0
53	Design, Measurement and Analysis of Near-Field Focusing Reflective Metasurface for Dual-Polarization and Multi-Focus Wireless Power Transfer. IEEE Access, 2019, 7, 110387-110399.	4.2	44
54	Traveling-Wave Series-Fed Patch Array Antenna Using Novel Reflection-Canceling Elements for Flexible Beam. IEEE Access, 2019, 7, 111466-111476.	4.2	28

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55	Characteristic Mode Cancellation Method and Its Application for Antenna RCS Reduction. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1784-1788.	4.0	46
56	Electronic Beam-steering Using 1-Bit Digital Reflective Metasurface at Ka Band. , 2019, , .		0
57	A Dual-Polarized Phased-Array Antenna Based on Single Ridge Slotted Waveguide Array. , 2019, , .		0
58	Design of Low-RCS Antenna Using Antenna Array. IEEE Transactions on Antennas and Propagation, 2019, 67, 6484-6493.	5.1	20
59	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
60	Broadband Transparent Absorber Based on Indium Tin Oxide-Polyethylene Terephthalate Film. IEEE Access, 2019, 7, 137848-137855.	4.2	24
61	An Impedance Transmission Boundary Condition-Based Interior Penalty Discontinuous Galerkin Time Domain Method for Analysis of Graphene. , 2019, , .		1
62	Design and Fabrication of 5.8GHz RF Energy Harvesting Rectifier. , 2019, , .		8
63	Transparent Broadband Wide-angle Polarization-insensitive Metasurface Absorber for Microwave Antireflection. , 2019, , .		3
64	A Transmission Metasurface Design for OAM Beam Generation and Beam Scanning. , 2019, , .		4
65	Broadband Reflectarray for Millimeter Wave Coverage Enhancement in Indoor NLOS Scenario. , 2019, , .		1
66	A Wideband 12 Reconfigurable Beam-Scanning Reflectarray: Design, Fabrication, and Measurement. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1268-1272.	4.0	121
67	Metasurface-Inspired Low Profile Polarization Reconfigurable Antenna With Simple DC Controlling Circuit. IEEE Access, 2019, 7, 45073-45079.	4.2	17
68	Application of Compressive Sensing in Solving Monostatic Scattering Problems. International Journal of Antennas and Propagation, 2019, 2019, 1-7.	1.2	1
69	A Magnetolectric Dipole Antenna With Beamwidth Reconfiguration. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 621-625.	4.0	21
70	Wideband Substrate-Integrated-Waveguide-Fed Magneto-Electric Dipole Array Antenna. , 2019, , .		0
71	Design of Polarization Reconfigurable Antenna Using Characteristic Mode. , 2019, , .		0
72	Generation of dual-beam orbital angular momentum vortex beam using transmit arrays. , 2019, , .		4

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73	Variable Scale Aperture Sampling Reception Method for Multiple Orbital Angular Momentum Modes Vortex Wave. IEEE Access, 2019, 7, 158847-158857.	4.2	16
74	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
75	Design of Near-Field Focused Metasurface for High-Efficient Wireless Power Transfer With Multifocus Characteristics. IEEE Transactions on Industrial Electronics, 2019, 66, 3993-4002.	7.9	111
76	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
77	Broadband polarization-independent and low-profile optically transparent metamaterial absorber. Applied Physics Express, 2018, 11, 052001.	2.4	52
78	A Low-Profile Dual-Polarized High-Isolation MIMO Antenna Arrays for Wideband Base-Station Applications. IEEE Transactions on Antennas and Propagation, 2018, 66, 191-202.	5.1	97
79	Combining CS With FEKO for Fast Target Characteristic Acquisition. IEEE Transactions on Antennas and Propagation, 2018, 66, 2494-2504.	5.1	6
80	Efficient Wireless Power Transfer System Integrating With Metasurface for Biological Applications. IEEE Transactions on Industrial Electronics, 2018, 65, 3230-3239.	7.9	119
81	A compact low profile dual-polarized filtering antenna with metamaterial for wideband base station applications. Microwave and Optical Technology Letters, 2018, 60, 64-69.	1.4	3
82	Generation of OAM Beams with Multiple Modes and Multiple Directions Using Coaxial Uniform Circular Array. , 2018, , .		1
83	A dual band Implantable Antenna. , 2018, , .		3
84	A Novel Wideband Omnidirectional Circularly Polarized Antenna. , 2018, , .		0
85	A Novel Dual-Band and Dual-Polarized Reconfigurable Reflectarray Antenna Element. , 2018, , .		2
86	Orbital Angular Momentum Mode Spectrum Analysis of Multi-UCA Antenna for Generating Vortex Electromagnetic Wave. , 2018, , .		1
87	Versatile orbital angular momentum vortex beam generator based on reconfigurable reflective metasurface. Japanese Journal of Applied Physics, 2018, 57, 120303.	1.5	26
88	Multiple Orbital Angular Momentum Vortex Electromagnetic Waves Multiplex Transmission and Demultiplex Reception Analysis. , 2018, , .		3
89	Analysis of Graphene-Based Devices Using Wave Equation Based Discontinuous Galerkin Time-Domain Method. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2169-2173.	4.0	21
90	Analysis of electromagnetic interference emission in domestic induction cooker. Microwave and Optical Technology Letters, 2018, 60, 3059-3068.	1.4	0

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91	A Characteristic-Mode-Based Polarization-Reconfigurable Antenna and its Array. IEEE Access, 2018, 6, 64587-64595.	4.2	22
92	A Novel Broadband Microstrip Patch Antenna with Small Ground Plane. , 2018, , .		2
93	A novel multifrequency mobile phone antenna with circularly polarized GPS application. Microwave and Optical Technology Letters, 2018, 60, 2033-2038.	1.4	2
94	An ambient energy harvester using metasurface. , 2018, , .		2
95	Electromagnetic Power Harvester Using Wide-Angle and Polarization-Insensitive Metasurfaces. Applied Sciences (Switzerland), 2018, 8, 497.	2.5	32
96	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
97	A novel low profile antenna array with high isolation performance. Microwave and Optical Technology Letters, 2018, 60, 2227-2231.	1.4	1
98	An broadband transparent metamaterial absorber using an ITO resistive-film. , 2018, , .		12
99	1-bit digital orbital angular momentum vortex beam generator based on a coding reflective metasurface. Optical Materials Express, 2018, 8, 3470.	3.0	51
100	A High-Gain Orbital Angular Momentum Antenna Array Based on Parasitic Composite Slabs. , 2018, , .		0
101	One-Bit Digital Coding Broadband Reflectarray Based on Fuzzy Phase Control. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1524-1527.	4.0	21
102	A Retrieval Method of Effective Electromagnetic Parameters for Inhomogeneous Metamaterials. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 1160-1178.	4.6	37
103	Recent advances in high-capacity free-space optical and radio-frequency communications using orbital angular momentum multiplexing. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20150439.	3.4	131
104	Generation of high-order Bessel vortex beam carrying orbital angular momentum using multilayer amplitude-phase-modulated surfaces in radiofrequency domain. Applied Physics Express, 2017, 10, 016701.	2.4	59
105	Miniaturized implantable antenna integrated with split resonate rings for wireless power transfer and data telemetry. Microwave and Optical Technology Letters, 2017, 59, 710-714.	1.4	20
106	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
107	Design of reflective phase-shifting surface for generating electromagnetic vortex wave. , 2017, , .		2
108	Line-of-Sight Millimeter-Wave Communications Using Orbital Angular Momentum Multiplexing Combined With Conventional Spatial Multiplexing. IEEE Transactions on Wireless Communications, 2017, 16, 3151-3161.	9.2	130

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109	Tri-band miniaturized wide-angle and polarization-insensitive metasurface for ambient energy harvesting. Applied Physics Letters, 2017, 111, .	3.3	64
110	A novel dual-band tunable band-notched antenna. Microwave and Optical Technology Letters, 2017, 59, 3014-3018.	1.4	6
111	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
112	Ultra-wideband polarization-insensitive and wide-angle thin absorber based on resistive metasurfaces with three resonant modes. Journal of Applied Physics, 2017, 122, .	2.5	65
113	A design of ultra-broadband metamaterial absorber. Waves in Random and Complex Media, 2017, 27, 381-391.	2.7	38
114	Generation and Analysis of High-Gain Orbital Angular Momentum Vortex Wave Using Circular Array and Parasitic EBG with oblique incidence. Scientific Reports, 2017, 7, 17363.	3.3	17
115	A dual-band polarization-independent and wide-angle metasurface for electromagnetic power harvesting. , 2017, , .		4
116	Discontinuous galerkin time-domain method based on a new marching-on-in degree scheme. , 2017, , .		0
117	Helmholtz wave equation based discontinuous galerkin time domain method for 3d electromagnetic analysis. , 2017, , .		0
118	Design of wideband MIMO handset antennas using characteristic modes. , 2017, , .		0
119	A wideband magneto-electric dipole antenna for circularly polarized radiation. , 2017, , .		0
120	Optimal cloak of anisotropic spheres. , 2017, , .		0
121	Generation, reception and separation of mixed-state orbital angular momentum vortex beams using metasurfaces. Optical Materials Express, 2017, 7, 3312.	3.0	50
122	Compressed sensing imaging based on high Q metamaterial aperture element. , 2017, , .		1
123	Measurement Matrix Analysis and Radiation Improvement of a Metamaterial Aperture Antenna for Coherent Computational Imaging. Applied Sciences (Switzerland), 2017, 7, 933.	2.5	6
124	An improved NRW method to extract electromagnetic parameters of metamaterials. Microwave and Optical Technology Letters, 2016, 58, 647-652.	1.4	22
125	Mode-Division-Multiplexing of Multiple Bessel-Gaussian Beams Carrying Orbital-Angular-Momentum for Obstruction-Tolerant Free-Space Optical and Millimetre-Wave Communication Links. Scientific Reports, 2016, 6, 22082.	3.3	63
126	Design, fabrication, and measurement of reflective metasurface for orbital angular momentum vortex wave in radio frequency domain. Applied Physics Letters, 2016, 108, .	3.3	258

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127	Dual-polarization and dual-mode orbital angular momentum radio vortex beam generated by using reflective metasurface. Applied Physics Express, 2016, 9, 082202.	2.4	69
128	Generating multiple orbital angular momentum vortex beams using a metasurface in radio frequency domain. Applied Physics Letters, 2016, 108, .	3.3	243
129	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
130	Generating orbital angular momentum beam using reflectarray in THz band. , 2016, , .		1
131	Hybridized discontinuous Galerkin time domain method with boundary integral equation method. , 2016, , .		1
132	Polarization reconfigurable metasurface superstrate antenna with low profile. , 2016, , .		2
133	Design of cloak for radially inhomogeneous spheres. , 2016, , .		0
134	Reflective multi-functional polarization converter based on anisotropic metasurfaces. , 2016, , .		2
135	Design of near-field focused power-combining reflectarray. , 2016, , .		0
136	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
137	Metasurface Superstrate Antenna With Wideband Circular Polarization for Satellite Communication Application. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 374-377.	4.0	158
138	Polarization diversity converter based on multilayer frequency selective surfaces. , 2015, , .		1
139	Design of a Tri-bandpass FSS on dual-layer energy saving glass for improving RF transmission in green buildings. , 2015, , .		2
140	Reconfigurable electromagnetic band gap structure. , 2015, , .		1
141	Dual-pass band equivalent circuit analysis for frequency selective surfaces. , 2015, , .		0
142	Design of a Minimized Complementary Illusion Cloak with Arbitrary Position. International Journal of Antennas and Propagation, 2015, 2015, 1-7.	1.2	6
143	Novel Miniaturized Octaband Antenna for LTE Smart Handset Applications. International Journal of Antennas and Propagation, 2015, 2015, 1-8.	1.2	7
144	Three dimensional electromagnetic invisibility cloak with arbitrary shapes. , 2015, , .		0

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145	Novel Polarization-Reconfigurable Converter Based on Multilayer Frequency-Selective Surfaces. Proceedings of the IEEE, 2015, 103, 1057-1070.	21.3	87
146	Three-Dimensional Complementary Invisibility Cloak With Arbitrary Shapes. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1550-1553.	4.0	20
147	Metamaterial-inspired wideband low-profile circularly polarized antenna. , 2015, , .		3
148	Design and Synthesis of Multilayer Frequency Selective Surface Based on Antenna-Filter-Antenna Using Minkowski Fractal Structures. IEEE Transactions on Antennas and Propagation, 2015, 63, 133-141.	5.1	96
149	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
150	A new miniaturized planar UWB antenna with WLAN Band notch characteristics. , 2014, , .		3
151	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
152	High-directivity antenna using reconfigurable near-zero index metamaterial superstrates. , 2014, , .		1
153	High-capacity millimetre-wave communications with orbital angular momentum multiplexing. Nature Communications, 2014, 5, 4876.	12.8	972
154	Two-dimensional concentrators using transformation optics via rotated-layered systems. Microwave and Optical Technology Letters, 2014, 56, 1776-1781.	1.4	5
155	Frequency and pattern reconfigurable annular slot antenna with two feeding ports. , 2014, , .		2
156	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
157	Broadband Microstrip Beam Deflector Based on Dual-Resonance Conformal Loops Array. IEEE Transactions on Antennas and Propagation, 2014, 62, 3028-3034.	5.1	12
158	Compact multiband antenna with CRLH-ZOR for wireless USB dongle applications. Microwave and Optical Technology Letters, 2014, 56, 1133-1138.	1.4	6
159	External Invisibility Cloak for Multiobjects With Arbitrary Geometries. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 273-276.	4.0	17
160	Design of wavefronts transformers with complementary media. Microwave and Optical Technology Letters, 2014, 56, 875-879.	1.4	0
161	A compact ultrawideband antenna with two band-notches. Microwave and Optical Technology Letters, 2013, 55, 583-586.	1.4	9
162	Design, fabrication, and measurement of highly sub-wavelength double negative metamaterials at high frequencies. Journal of Applied Physics, 2013, 113, .	2.5	12

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163	Compact multiband antenna employing CRLH-TL structure for USB dongle applications. , 2013, , .		2
164	Single-layer frequency selective surface embedded with H-shape slots for stable performances. , 2013, , .		0
165	Multiband MIMO antenna for wireless USB dongle in LTE operation. , 2013, , .		0
166	A novel subwavelength fractal frequency selective surface based on antenna-filter-antenna. , 2013, , .		0
167	Design of invisibility anti-cloak for two-dimensional arbitrary geometries. Optics Express, 2013, 21, 9422.	3.4	15
168	Ultra-wideband planar inverse-F antenna with periodic metal patches ground plane. , 2013, , .		1
169	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
170	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
171	A dual-band wide-angle polarization-insensitive ultrathin gigahertz metamaterial absorber. Microwave and Optical Technology Letters, 2013, 55, 1606-1609.	1.4	30
172	EXPERIMENTAL STUDY OF EFFICIENT WIRELESS POWER TRANSFER SYSTEM INTEGRATING WITH HIGHLY SUB-WAVELENGTH METAMATERIALS. Progress in Electromagnetics Research, 2013, 141, 769-784.	4.4	40
173	Study of Antenna Superstrates Using Metamaterials for Directivity Enhancement Based on Fabry-Perot Resonant Cavity. International Journal of Antennas and Propagation, 2013, 2013, 1-10.	1.2	18
174	A Novel Ultrawideband Planar Inverted-F Antenna with Capacitive Ground Plane. International Journal of Antennas and Propagation, 2013, 2013, 1-6.	1.2	0
175	Metamaterial-based fabry-perot resonator for ultra-low profile high-gain antenna. Microwave and Optical Technology Letters, 2012, 54, 2620-2623.	1.4	13
176	A compact ultra-wideband antenna with four band-notched characteristics. Microwave and Optical Technology Letters, 2012, 54, 2862-2865.	1.4	11
177	Dual-Band High Impedance Surface With Mushroom-Type Cells Loaded by Symmetric Meandered Slots. IEEE Transactions on Antennas and Propagation, 2012, 60, 4677-4687.	5.1	22
178	A simple asymptotical model for analyzing wire antenna with different radius. Microwave and Optical Technology Letters, 2012, 54, 960-964.	1.4	0
179	A novel dual-band metamaterial antenna based on complementary split ring resonators. Microwave and Optical Technology Letters, 2012, 54, 1007-1009.	1.4	30
180	An electromagnetic model for thin wire structure with different radius. , 2011, , .		0

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181	Frequency Selective Reflectarray Using Crossed-Dipole Elements With Square Loops for Wireless Communication Applications. IEEE Transactions on Antennas and Propagation, 2011, 59, 89-99.	5.1	75
182	A wide-angle polarization-insensitive ultra-thin metamaterial absorber with three resonant modes. Journal of Applied Physics, 2011, 110, .	2.5	208
183	Novel wavy EBG structures for ultra-wideband ground bounce noise suppression. , 2010, , .		0
184	Sierpinski Space-Filling Curves and Their Application in High-Speed Circuits for Ultrawideband SSN Suppression. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 568-571.	4.0	17
185	Numerical Analysis on Transmission Efficiency of Evanescent Resonant Coupling Wireless Power Transfer System. IEEE Transactions on Antennas and Propagation, 2010, 58, 1751-1758.	5.1	131
186	Electromagnetic scattering from three-dimensional Bi-isotropic media using multilevel Green's function interpolation method. , 2010, , .		0
187	Analysis of scattering by an anisotropic uniaxial-coated conducting sphere using higher order hierarchical MoM. , 2010, , .		0
188	Novel Broadband Planar Reflectarray With Parasitic Dipoles for Wireless Communication Applications. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 881-885.	4.0	84
189	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
190	Locally Resonant Cavity Cell Model for Electromagnetic Band Gap Structures. IEEE Transactions on Antennas and Propagation, 2006, 54, 90-100.	5.1	66
191	Self-decoupled tapered slot antenna using defected radiator structure. Electronics Letters, 0, , .	1.0	0