Yi-Jun Feng

List of Publications by Year
in descending order

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267	7,208	57631	64668
papers	citations	44 h-index	79 g-index

268	268	268	4308
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Reconfigurable Active Huygens' Metalens. Advanced Materials, 2017, 29, 1606422.	11.1	470
2	Graphene based tunable metamaterial absorber and polarization modulation in terahertz frequency. Optics Express, 2014, 22, 22743.	1.7	336
3	Asymmetric electromagnetic wave transmission of linear polarization via polarization conversion through chiral metamaterial structures. Physical Review B, 2012, 85, .	1.1	284
4	Electromagnetic cloaking by layered structure of homogeneous isotropic materials. Optics Express, 2007, 15, 11133.	1.7	242
5	Switchable metamaterial reflector/absorber for different polarized electromagnetic waves. Applied Physics Letters, 2010, 97, .	1.5	228
6	Ultrathin Single Layer Metasurfaces with Ultraâ€Wideband Operation for Both Transmission and Reflection. Advanced Materials, 2020, 32, e1907308.	11.1	215
7	Directional Janus Metasurface. Advanced Materials, 2020, 32, e1906352.	11.1	193
8	POLARIZATION INSENSITIVE METAMATERIAL ABSORBER WITH WIDE INCIDENT ANGLE. Progress in Electromagnetics Research, 2010, 101, 231-239.	1.6	183
9	Anomalous Terahertz Reflection and Scattering by Flexible and Conformal Coding Metamaterials. Advanced Optical Materials, 2015, 3, 1374-1380.	3.6	175
10	Active impedance metasurface with full 360Â° reflection phase tuning. Scientific Reports, 2013, 3, 3059.	1.6	143
11	Coding metasurface for broadband microwave scattering reduction with optical transparency. Optics Express, 2017, 25, 5571.	1.7	143
12	Optical Properties of an Ionic-Type Phononic Crystal. Science, 1999, 284, 1822-1824.	6.0	137
13	Dual-Helicity Decoupled Coding Metasurface for Independent Spin-to-Orbital Angular Momentum Conversion. Physical Review Applied, 2019, 11, .	1.5	137
14	Planar surface plasmonic waveguide devices based on symmetric corrugated thin film structures. Optics Express, 2014, 22, 20107.	1.7	129
15	Spherical cloaking with homogeneous isotropic multilayered structures. Physical Review E, 2009, 79, 047602.	0.8	115
16	Geometric phase coded metasurface: from polarization dependent directive electromagnetic wave scattering to diffusion-like scattering. Scientific Reports, 2016, 6, 35968.	1.6	113
17	High-order modes of spoof surface plasmonic wave transmission on thin metal film structure. Optics Express, 2013, 21, 31155.	1.7	111
18	Tunable broadband polarization rotator in terahertz frequency based on graphene metamaterial. Carbon, 2018, 133, 170-175.	5.4	104

#	Article	IF	Citations
19	Dynamic Scattering Steering with Grapheneâ€Based Coding Metamirror. Advanced Optical Materials, 2020, 8, 2000683.	3.6	103
20	Dynamic control of electromagnetic wave propagation with the equivalent principle inspired tunable metasurface. Scientific Reports, 2014, 4, .	1.6	93
21	Polarization modulation by tunable electromagnetic metamaterial reflector/absorber. Optics Express, 2010, 18, 23196.	1.7	88
22	Passive Metasurface for Reflectionless and Arbitary Control of Electromagnetic Wave Transmission. IEEE Transactions on Antennas and Propagation, 2015, 63, 5500-5511.	3.1	88
23	Broadband microwave absorption utilizing water-based metamaterial structures. Optics Express, 2018, 26, 8522.	1.7	84
24	A frequency and bandwidth tunable metamaterial absorber in x-band. Journal of Applied Physics, 2015, 117, .	1.1	80
25	DUAL BAND SWITCHABLE METAMATERIAL ELECTROMAGNETIC ABSORBER. Progress in Electromagnetics Research B, 2010, 24, 121-129.	0.7	74
26	Stopping light by an air waveguide with anisotropic metamaterial cladding. Optics Express, 2009, 17, 170.	1.7	73
27	Active Anisotropic Coding Metasurface with Independent Realâ€Time Reconfigurability for Dual Polarized Waves. Advanced Materials Technologies, 2020, 5, 1900930.	3.0	72
28	Experimental demonstration of eight-wavelength distributed feedback semiconductor laser array using equivalent phase shift. Optics Letters, 2012, 37, 3315.	1.7	71
29	Programmable Coding Metasurface for Dual-Band Independent Real-Time Beam Control. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2020, 10, 20-28.	2.7	70
30	Switchable quarter-wave plate with graphene based metamaterial for broadband terahertz wave manipulation. Optics Express, 2015, 23, 27230.	1.7	69
31	Dynamic control of asymmetric electromagnetic wave transmission by active chiral metamaterial. Scientific Reports, 2017, 7, 42802.	1.6	68
32	Switchable Broadband Dual-Polarized Frequency-Selective Rasorber/Absorber. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2508-2512.	2.4	68
33	Metasurface Salisbury screen: achieving ultra-wideband microwave absorption. Optics Express, 2017, 25, 30241.	1.7	61
34	Achieving flexible low-scattering metasurface based on randomly distribution of meta-elements. Optics Express, 2016, 24, 27849.	1.7	60
35	Optically transparent metasurface Salisbury screen with wideband microwave absorption. Optics Express, 2018, 26, 34384.	1.7	60
36	Graphene-enabled tunable multifunctional metamaterial for dynamical polarization manipulation of broadband terahertz wave. Carbon, 2020, 163, 244-252.	5.4	59

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37	Broadband diffuse terahertz wave scattering by flexible metasurface with randomized phase distribution. Scientific Reports, 2016, 6, 26875.	1.6	57
38	Broadband Spin-Decoupled Metasurface for Dual-Circularly Polarized Reflector Antenna Design. IEEE Transactions on Antennas and Propagation, 2020, 68, 3534-3543.	3.1	57
39	An Intelligent Programmable Omniâ€Metasurface. Laser and Photonics Reviews, 2022, 16, .	4.4	56
40	Arbitrary and Dynamic PoincarÃ© Sphere Polarization Converter with a Timeâ€Varying Metasurface. Advanced Optical Materials, 2022, 10, .	3.6	52
41	Improving microwave antenna gain and bandwidth with phase compensation metasurface. AIP Advances, 2015, 5, .	0.6	51
42	Ultra-Wideband Microwave Absorption by Design and Optimization of Metasurface Salisbury Screen. IEEE Access, 2018, 6, 26843-26853.	2.6	51
43	Infrared carpet cloak designed with uniform silicon grating structure. Applied Physics Letters, 2009, 95, .	1.5	48
44	Broadband Polarization-Conversion Metasurface for a Cassegrain Antenna with High Polarization Purity. Physical Review Applied, 2019, 12, .	1.5	48
45	Polarization beam splitting through an anisotropic metamaterial slab realized by a layered metal-dielectric structure. Applied Physics Letters, 2008, 92, .	1.5	47
46	Ultra-broadband microwave absorption by ultra-thin metamaterial with stepped structure induced multi-resonances. Results in Physics, 2020, 18, 103320.	2.0	46
47	Highly-confined and low-loss spoof surface plasmon polaritons structure with periodic loading of trapezoidal grooves. AIP Advances, 2015, 5, .	0.6	44
48	Multi-octave microwave absorption via conformal metamaterial absorber with optical transparency. Journal Physics D: Applied Physics, 2019, 52, 335101.	1.3	44
49	Airy Beam Generation: Approaching Ideal Efficiency and Ultra Wideband with Reflective and Transmissive Metasurfaces. Advanced Optical Materials, 2020, 8, 2000860.	3.6	44
50	Design of transmission-type coding metasurface and its application of beam forming. Applied Physics Letters, 2016, 109, .	1.5	42
51	Combining Frequency-Selective Scattering and Specular Reflection Through Phase-Dispersion Tailoring of a Metasurface. Physical Review Applied, 2018, 10, .	1.5	41
52	Dual-Phase Hybrid Metasurface for Independent Amplitude and Phase Control of Circularly Polarized Wave. IEEE Transactions on Antennas and Propagation, 2020, 68, 7705-7710.	3.1	41
53	Backward spoof surface wave in plasmonic metamaterial of ultrathin metallic structure. Scientific Reports, 2016, 6, 20448.	1.6	40
54	Transmissionâ€“Reflection-Selective Metasurface and Its Application to RCS Reduction of High-Gain Reflector Antenna. IEEE Transactions on Antennas and Propagation, 2020, 68, 1426-1435.	3.1	39

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55	Optimized cylindrical invisibility cloak with minimum layers of non-magnetic isotropic materials. Journal Physics D: Applied Physics, 2011, 44, 185102.	1.3	37
56	Broad band invisibility cloak made of normal dielectric multilayer. Applied Physics Letters, 2011, 99, 154104.	1.5	36
57	Angularâ€Adaptive Reconfigurable Spinâ€Locked Metasurface Retroreflector. Advanced Science, 2021, 8, e2100885.	5.6	35
58	A Dual-Polarized Reconfigurable Reflectarray Antenna Based on Dual-Channel Programmable Metasurface. IEEE Transactions on Antennas and Propagation, 2022, 70, 7403-7412.	3.1	35
59	Independent Energy Allocation of Dualâ€Helical Multiâ€Beams with Spinâ€Selective Transmissive Metasurface. Advanced Optical Materials, 2020, 8, 2000342.	3.6	34
60	Kirigami Reconfigurable Gradient Metasurface. Advanced Functional Materials, 2022, 32, 2107699.	7.8	34
61	Planar Metamaterial Microwave Absorber for all Wave Polarizations. Chinese Physics Letters, 2009, 26, 114102.	1.3	33
62	Effects of GeO2 on the thermal stability and optical properties of Er3+/Yb3+-codoped oxyfluoride tellurite glasses. Materials Chemistry and Physics, 2011, 126, 786-790.	2.0	33
63	Active Cylindrical Metasurface With Spatial Reconfigurability for Tunable Backward Scattering Reduction. IEEE Transactions on Antennas and Propagation, 2021, 69, 3332-3340.	3.1	32
64	Dark SchrÃ¶dinger solitons and harmonic generation in left-handed nonlinear transmission line. Journal of Applied Physics, 2010, 107, 094907.	1.1	30
65	Full control of conical beam carrying orbital angular momentum by reflective metasurface. Optics Express, 2018, 26, 20990.	1.7	29
66	Broadband microwave metamaterial absorber with lumped resistor loading. EPJ Applied Metamaterials, 2019, 6, 1.	0.8	29
67	Switchable metasurface for nearly perfect reflection, transmission, and absorption using PIN diodes. Optics Express, 2021, 29, 29320.	1.7	27
68	Direct routing of intensity-editable multi-beams by dual geometric phase interference in metasurface. Nanophotonics, 2020, 9, 2977-2987.	2.9	27
69	Electromagnetic wave propagation in anisotropic metamaterials created by a set of periodic inductor-capacitor circuit networks. Physical Review B, 2005, 72, .	1.1	26
70	Frequency-selective microwave polarization rotator using substrate-integrated waveguide cavities. Chinese Physics B, 2014, 23, 034101.	0.7	25
71	Ultrawideband Spinâ€Decoupled Coding Metasurface for Independent Dualâ€Channel Wavefront Tailoring. Annalen Der Physik, 2020, 532, 1900472.	0.9	25
72	Binary geometric phase metasurface for ultra-wideband microwave diffuse scatterings with optical transparency. Optics Express, 2020, 28, 12638.	1.7	25

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73	Multi-functional coding metasurface for dual-band independent electromagnetic wave control. Optics Express, 2019, 27, 19196.	1.7	24
74	Electromagnetic wave localization using a left-handed transmission-line superlens. Physical Review B, 2005, 72, .	1.1	23
75	Directive electromagnetic radiation of a line source scattered by a conducting cylinder coated with left-handed metamaterial. Microwave and Optical Technology Letters, 2005, 47, 274-279.	0.9	22
76	Simplified ground plane invisibility cloak by multilayer dielectrics. Optics Express, 2010, 18, 24477.	1.7	22
77	Experimental demonstration of the three phase shifted DFB semiconductor laser based on Reconstruction-Equivalent-Chirp technique. Optics Express, 2012, 20, 17374.	1.7	21
78	Asymmetric Transmission Of Linearly Polarized Electromagnetic Wave Through Chiral Metamaterial Structure. Journal of Electromagnetic Waves and Applications, 2012, 26, 1192-1202.	1.0	21
79	Polarization-Selective Bifunctional Metasurface for High-Efficiency Millimeter-Wave Folded Transmitarray Antenna With Circular Polarization. IEEE Transactions on Antennas and Propagation, 2022, 70, 8184-8194.	3.1	21
80	Ultraâ€wideband bandpass filter using simplified leftâ€handed transmission line structure. Microwave and Optical Technology Letters, 2008, 50, 2758-2762.	0.9	20
81	Dual-band asymmetric electromagnetic wave transmission for dual polarizations in chiral metamaterial structure. Applied Physics B: Lasers and Optics, 2014, 117, 527-531.	1.1	20
82	Terahertz beam switching by electrical control of graphene-enabled tunable metasurface. Scientific Reports, 2017, 7, 14147.	1.6	20
83	Low-RCS Holographic Antenna With Enhanced Gain Based on Frequency-Selective Absorber. IEEE Transactions on Antennas and Propagation, 2020, 68, 6516-6526.	3.1	20
84	Graphene-enabled active metamaterial for dynamical manipulation of terahertz reflection/transmission/absorption. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126840.	0.9	20
85	Electromagnetic polarization conversion based on Huygensâ€™ metasurfaces with coupled electric and magnetic resonances. Optics Express, 2019, 27, 11006.	1.7	20
86	The Yin and Yang of BK Channels in Epilepsy. CNS and Neurological Disorders - Drug Targets, 2018, 17, 272-279.	0.8	20
87	Josephson-CMOS hybrid memory with ultra-high-speed interface circuit. IEEE Transactions on Applied Superconductivity, 2003, 13, 467-470.	1.1	19
88	One-way absorber for linearly polarized electromagnetic wave utilizing composite metamaterial. Optics Express, 2015, 23, 4658.	1.7	19
89	Transmissive Metasurface With Independent Amplitude/Phase Control and Its Application to Low-Side-Lobe Metalens Antenna. IEEE Transactions on Antennas and Propagation, 2022, 70, 6526-6536.	3.1	19
90	Spoof surface plasmon-based bandpass filter with extremely wide upper stopband. Chinese Physics B, 2016, 25, 034101.	0.7	18

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91	Characterization and modelling of MOSFET operating at cryogenic temperature for hybrid superconductor-CMOS circuits. Semiconductor Science and Technology, 2004, 19, 1381-1385.	1.0	17
92	An Ultrathin Tunable Metamaterial Absorber for Lower Microwave Band Based on Magnetic Nanomaterial. Nanomaterials, 2022, 12, 2135.	1.9	17
93	Subwavelength imaging with compensated anisotropic bilayers realized by transmission-line metamaterials. Physical Review B, 2007, 75, .	1.1	16
94	Electromagnetic beam modulation through transformation optical structures. New Journal of Physics, 2008, 10, 115027.	1.2	16
95	A Wide-angle Multi-Octave Broadband Waveplate Based on Field Transformation Approach. Scientific Reports, 2015, 5, 17532.	1.6	16
96	Designing the coordinate transformation function for non-magnetic invisibility cloaking. Journal Physics D: Applied Physics, 2008, 41, 215504.	1.3	15
97	Sub-wavelength image manipulating through compensated anisotropic metamaterial prisms. Optics Express, 2008, 16, 18057.	1.7	14
98	Compensating loss with gain in slow-light propagation along slab waveguide with anisotropic metamaterial cladding. Optics Letters, 2009, 34, 3869.	1.7	14
99	Slow-light propagation in a cylindrical dielectric waveguide with metamaterial cladding. Journal Physics D: Applied Physics, 2011, 44, 475103.	1.3	14
100	Independent Wavefront Tailoring in Full Polarization Channels by Helicityâ€Decoupled Metasurface. Annalen Der Physik, 2022, 534, 2100546.	0.9	14
101	Design of Dual-Polarized Frequency Selective Structure With Quasi-Elliptic Bandpass Response. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 297-300.	2.4	13
102	Electromagnetic properties of magnetic epsilon-near-zero medium with dielectric dopants. Optics Express, 2019, 27, 20073.	1.7	13
103	Freeâ€Standing Singleâ€Layer Metasurface for Efficient and Broadband Tailoring of Terahertz Wavefront. Advanced Optical Materials, 2022, 10, .	3.6	13
104	Subwavelength rectangular cavity partially filled with left-handed materials. Chinese Physics B, 2006, 15, 1154-1160.	1.3	12
105	Microwave absorber based on permeability-near-zero metamaterial made of Swiss roll structures. Journal Physics D: Applied Physics, 2015, 48, 455304.	1.3	12
106	An Active Metamaterial Absorber With Ultrawideband Continuous Tunability. IEEE Access, 2022, 10, 25290-25295.	2.6	12
107	Epitaxial growth of YBa2Cu3O7/CeO2/YSZ thin films on silicon-on-insulator substrates. Superconductor Science and Technology, 2002, 15, 320-323.	1.8	11
108	Negative refraction and partial focusing in an anisotropic metamaterial realized by a loaded transmission line network. Journal Physics D: Applied Physics, 2006, 39, 213-219.	1.3	11

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109	Anomalous reflection and refraction in anisotropic metamaterial realized by periodically loaded transmission line network. Journal of Applied Physics, 2006, 100, 114901.	1.1	11
110	Metamaterials: Anomalous Terahertz Reflection and Scattering by Flexible and Conformal Coding Metamaterials (Advanced Optical Materials 10/2015). Advanced Optical Materials, 2015, 3, 1373-1373.	3.6	11
111	Polarization-dependent bi-functional metasurface for directive radiation and diffusion-like scattering. AIP Advances, 2017, 7, .	0.6	11
112	Differential Signal Propagation in Spoof Plasmonic Structure and its Application in Microwave Filtering Balun. IEEE Access, 2020, 8, 109009-109014.	2.6	11
113	Spatial variation of the critical current density of the highTcsuperconducting thin films. Journal of Applied Physics, 1992, 72, 5350-5353.	1.1	10
114	Hybrid Josephson-CMOS memory: a solution for the Josephson memory problem. Superconductor Science and Technology, 2002, 15, 1669-1674.	1.8	10
115	Quad-channel independent wavefront encoding with dual-band multitasking metasurface. Optics Express, 2021, 29, 15678.	1.7	10
116	Wideband Dual-Feed Dual-Polarized Reflectarray Antenna Using Anisotropic Metasurface. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 129-133.	2.4	10
117	Local microwave characterization of metal films using a scanning microwave near-field microscope. Solid State Communications, 2001, 119, 133-135.	0.9	9
118	Extraordinary transmission in planar waveguide loaded with anisotropic metamaterials. Journal of Applied Physics, 2009, 105, .	1.1	9
119	Spatiotemporal Metasurface to Control Electromagnetic Wave Scattering. Physical Review Applied, 2022, 17, .	1.5	9
120	An Anti-Symmetric-Sample Grating Structure for Improving the Reconstruction-Equivalent-Chirp Technology. IEEE Photonics Technology Letters, 2011, 23, 1337-1339.	1.3	8
121	A broadband reflective-type half-wave plate employing optical feedbacks. Scientific Reports, 2017, 7, 9103.	1.6	8
122	Threeâ€dimensional lightweight metamaterial with ultraâ€wideband microwave absorption. Microwave and Optical Technology Letters, 2022, 64, 500-506.	0.9	8
123	Slow wave propagation in a dielectric cylindrical waveguide with anisotropic metamaterial cladding. , 2009, , .		7
124	Designing retrodirective reflector on a planar surface by transformation optics. AIP Advances, 2013, 3, .	0.6	7
125	Manipulating surface plasmon waves by transformation optics: Design examples of a beam squeezer, bend, and omnidirectional absorber. Chinese Physics B, 2013, 22, 034102.	0.7	7
126	An ultrathin microwave Huygens' metasurface lens. , 2015, , .		7

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127	Selective wave-transmitting electromagnetic absorber through composite metasurface. AIP Advances, 2017, 7, 115017.	0.6	7
128	Filtering microwave differential signals through odd-mode spoof surface plasmon polariton propagation. Journal Physics D: Applied Physics, 2020, 53, 165105.	1.3	7
129	A review of recent progress on directional metasurfaces: concept, design, and application. Journal Physics D: Applied Physics, 2022, 55, 383001.	1.3	7
130	Planar sub-wavelength cavity resonator containing a bilayer of anisotropic metamaterials. Journal Physics D: Applied Physics, 2007, 40, 1821-1826.	1.3	6
131	A self-similar fractal electromagnetic band-gap structure in the power plane with broadband suppression of ground bounce noise. Microwave and Optical Technology Letters, 2007, 49, 190-192.	0.9	6
132	Assembling optically active and nonactive metamaterials with chiral units. AIP Advances, 2012, 2, 041413.	0.6	6
133	Allosteric interactions between receptor site 3 and 4 of voltage-gated sodium channels: a novel perspective for the underlying mechanism of scorpion sting-induced pain. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2015, 21, 42.	0.8	6
134	Achieving Directive Radiation and Broadband Microwave Absorption by an Anisotropic Metasurface. IEEE Access, 2019, 7, 93919-93926.	2.6	6
135	Composite Strategy for Backward-Scattering Reduction of a Wavelength-Scale Cylindrical Object by an Ultrathin Metasurface. Physical Review Applied, 2019, 12, .	1.5	6
136	Multifunctional Metasurface for Broadband Reflect-Transmit-Array Antenna at 5G Millimeter-Wave Band. , 2022, , .		6
137	Explicit expression of the pseudo-Brewster angle for anisotropic metamaterials. Optics Communications, 2011, 284, 2678-2682.	1.0	5
138	Improved Î»/4 phase-shifted DFB semiconductor laser with spatial hole burning compensation using grating chirp. Optics and Laser Technology, 2012, 44, 2443-2448.	2.2	5
139	Electromagnetic wave deflection and backward scattering reduction by flat meta-surfaces. , 2014, , .		5
140	Dynamic control of electromagnetic wave polarization and phase through active metasurfaces. , 2014, , .		5
141	Spatially resolved characterization of the microwave properties of superconducting thin films by low temperature microwave scanning near-field microscopy. IEEE Transactions on Applied Superconductivity, 2003, 13, 2901-2904.	1.1	4
142	Loss and retardation effect on subwavelength imaging by compensated bilayer of anisotropic metamaterials. Journal of Applied Physics, 2006, 100, 124910.	1.1	4
143	Generation of conical beam by reflective metasurface. , 2018, , .		4
144	Understanding Genotypes and Phenotypes of the Mutations in Voltage- Gated Sodium Channel Î± Subunits in Epilepsy. CNS and Neurological Disorders - Drug Targets, 2019, 18, 266-272.	0.8	4

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145	Fourâ€Channel Kaleidoscopic Metasurfaces Enabled by a Singleâ€Layered Singleâ€Cell Quadâ€Band Metaâ€Atom. Advanced Theory and Simulations, 2022, 5, .	1.3	4
146	Nondestructive imaging of the microwave properties of superconducting thin film devices with a scanning microwave near-field microscope. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2651-2652.	0.6	3
147	Nondestructive evaluation of the dielectric properties of the substrate materials for high-Tcsuperconducting microwave devices. Superconductor Science and Technology, 2002, 15, 390-394.	1.8	3
148	Omni-Directional Microstrip Ring Antenna Based On a Simplified Left-Handed Transmission Line Structure. , 2006, , .		3
149	Coupling surface plasmon waves across gaps in a dielectric/metal interface by transformation optics. Applied Physics B: Lasers and Optics, 2013, 112, 1-6.	1.1	3
150	Effect of loss and coupling on the resonance of metamaterial: An equivalent circuit approach. Science China Information Sciences, 2014, 57, 1-8.	2.7	3
151	Ultrathin microwave absorber in wireless communication band made of Swiss roll metamaterial structure. , 2014, , .		3
152	An ultralow-profile lens antenna based on all-dielectric metasurfaces. , 2016, , .		3
153	Broadband microwave metamaterial absorber made of randomly distributed metallic loops. , 2016, , .		3
154	A Broadband Metamaterial Microwave Absorber Utilizing Both Magnetic and Electric Resonances. , 2018, , .		3
155	Out-of-band RCS Reduction of a Dipole Antenna Based on Frequency-Selective Metasurface. , 2020, , .		3
156	Independent dual-beam control based on programmable coding metasurface. Wuli Xuebao/Acta Physica Sinica, 2021, 70, 178102.	0.2	3
157	Wideband low reflection backward scattering with an inter-band transparent window by phase tailoring of a frequency-selective metasurface. Journal Physics D: Applied Physics, 0, , .	1.3	3
158	Lipid bilayer modification alters the gating properties and pharmacological sensitivity of voltage-gated sodium channel. Acta Physiologica Sinica, 2015, 67, 271-82.	0.5	3
159	C -Axis Current-voltage Characteristics of Mesa Structures on Bi 2 Sr 2 CaCu 2 O 8+Î´ Single Crystals Fabricated by a Simple Technique Without Photolithography. Chinese Physics Letters, 1999, 16, 686-688.	1.3	2
160	Transmission line realization of subwavelength resonator formed by a pair of conventional and LHM slabs. Journal of Zhejiang University: Science A, 2006, 7, 76-80.	1.3	2
161	A Novel Electromagnetic Band-gap Structure for Ultra-Wide Band Suppression of Ground Bounce Noise. , 2007, , .		2
162	Slow and frozen waves in a planar air waveguide with anisotropic metamaterial cladding. , 2008, , .		2

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163	Microwave absorption properties of anisotropic materials realized by multi-layered film structures. , 2008, , .		2
164	Schrödinger solitons and harmonic generation in short left-handed nonlinear transmission line metamaterial. , 2009, , .		2
165	Achieving both wideband mitigation of ground bounce noise and good signal integrity by novel period structure. Electronics Letters, 2009, 45, 158.	0.5	2
166	Fabry-Perót cavity antenna with beam switching. , 2012, , .		2
167	SEMIAUTOMATA AND NEAR RINGS. , 2012, , .		2
168	Bandwidth enhanced metamaterial absorber at terahertz frequency. , 2012, , .		2
169	Free space electromagnetic wave modulation using tunable metasurface absorber. , 2015, , .		2
170	Gain and bandwidth enhanced patch antenna with phase compensation metasurface. , 2015, , .		2
171	Water droplets: Toward broadband metamaterial microwave absorber. , 2016, , .		2
172	Flexible low-scattering metasurface utilizing randomly distributed elements of variable sizes. , 2016, , .		2
173	Optically Transparent Metasurfaces for Controlling Microwave Scattering and Absorption. , 2018, , .		2
174	Filtering Balun Based on Spoof Surface Plasmon Polariton. , 2018, , .		2
175	Ultrathin L-band Microwave Tunable Metamaterial Absorber. , 2019, , .		2
176	Ultra-Thin Conformal Metasurface for Backward RCS Reduction of Large Cylindrical Object. , 2019, , .		2
177	Controlling Conical Beam Carrying Orbital Angular Momentum with Transmissive Metasurface. International Journal of Antennas and Propagation, 2021, 2021, 1-10.	0.7	2
178	Wireless Communication Utilizing Berryâ€Phase Carriers. Laser and Photonics Reviews, 2022, 16, .	4.4	2
179	High T/sub c/ superconducting step-edge junctions and their properties in millimeter-wave band. IEEE Transactions on Applied Superconductivity, 1995, 5, 2798-2800.	1.1	1
180	HTS microwave devices and subsystems with pulse tube refrigerators. IEEE Transactions on Applied Superconductivity, 1999, 9, 3569-3572.	1.1	1

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181	Bi/sub 2/Sr/sub 2/CaCu/sub 2/O/sub 8+Î´/ intrinsic Josephson junctions fabricated by a simple technique without photolithography. IEEE Transactions on Applied Superconductivity, 1999, 9, 4527-4529.	1.1	1
182	Local microwave surface resistance variations of the YBaCuO thin films patterned by selective laser irradiation and plasma fluorination. IEEE Transactions on Applied Superconductivity, 2001, 11, 123-126.	1.1	1
183	Probing the local microwave properties of superconducting thin films by a scanning microwave near-field microscope. Superconductor Science and Technology, 2002, 15, 1771-1774.	1.8	1
184	Implementation and low speed test of ultra-fast interface circuits for Josephson-CMOS hybrid memories. Physica C: Superconductivity and Its Applications, 2003, 392-396, 1467-1471.	0.6	1
185	Extraordinary transmission with evanescent wave enhancement in planar waveguide loaded with anisotropic metamaterials. , 2008, , .		1
186	Bandpass filters utilizing simplified left-handed transmission line structure. , 2008, , .		1
187	Manipulating electromagnetic radiation through metamaterial structures designed by coordinate transformation. , 2010, , .		1
188	Manipulating electromagnetic wave propagation, absorption and polarization with metamaterials. , 2012, , .		1
189	Diode-like asymmetric transmission of linearly polarized waves through twisted split-ring metamaterial structure. , 2012, , .		1
190	Controllable metamaterial absorbers. , 2013, , .		1
191	Electromagnetic wave lenses and reflectors designed with transformation electromagnetics. , 2014, , .		1
192	Tunable, switchable, and one-way electromagnetic wave absorbers based on metamaterial structures. , 2014, , .		1
193	Beam scanning of orbital angular momentum electromagnetic wave using annular phased array. , 2015, , .		1
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