

# Yi-Jun Feng

## List of Publications by Citations

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189  
papers

4,652  
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35  
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g-index

268  
ext. papers

6,016  
ext. citations

4  
avg, IF

5.89  
L-index

#	Paper	IF	Citations
189	A Reconfigurable Active HuygensSMetalens. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606422	24	301
188	Graphene based tunable metamaterial absorber and polarization modulation in terahertz frequency. <i>Optics Express</i> , <b>2014</b> , 22, 22743-52	3.3	262
187	Asymmetric electromagnetic wave transmission of linear polarization via polarization conversion through chiral metamaterial structures. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	225
186	Electromagnetic cloaking by layered structure of homogeneous isotropic materials. <i>Optics Express</i> , <b>2007</b> , 15, 11133-41	3.3	196
185	Switchable metamaterial reflector/absorber for different polarized electromagnetic waves. <i>Applied Physics Letters</i> , <b>2010</b> , 97, 051906	3.4	185
184	POLARIZATION INSENSITIVE METAMATERIAL ABSORBER WITH WIDE INCIDENT ANGLE. <i>Progress in Electromagnetics Research</i> , <b>2010</b> , 101, 231-239	3.8	142
183	Anomalous Terahertz Reflection and Scattering by Flexible and Conformal Coding Metamaterials. <i>Advanced Optical Materials</i> , <b>2015</b> , 3, 1374-1380	8.1	131
182	Optical properties of an ionic-type phononic crystal. <i>Science</i> , <b>1999</b> , 284, 1822-4	33.3	123
181	Directional Janus Metasurface. <i>Advanced Materials</i> , <b>2020</b> , 32, e1906352	24	111
180	Ultrathin Single Layer Metasurfaces with Ultra-Wideband Operation for Both Transmission and Reflection. <i>Advanced Materials</i> , <b>2020</b> , 32, e1907308	24	108
179	Spherical cloaking with homogeneous isotropic multilayered structures. <i>Physical Review E</i> , <b>2009</b> , 79, 047602	6.02	103
178	Coding metasurface for broadband microwave scattering reduction with optical transparency. <i>Optics Express</i> , <b>2017</b> , 25, 5571-5579	3.3	101
177	Planar surface plasmonic waveguide devices based on symmetric corrugated thin film structures. <i>Optics Express</i> , <b>2014</b> , 22, 20107-16	3.3	94
176	Active impedance metasurface with full 360° reflection phase tuning. <i>Scientific Reports</i> , <b>2013</b> , 3, 3059	4.9	91
175	High-order modes of spoof surface plasmonic wave transmission on thin metal film structure. <i>Optics Express</i> , <b>2013</b> , 21, 31155-65	3.3	81
174	Geometric phase coded metasurface: from polarization dependent directive electromagnetic wave scattering to diffusion-like scattering. <i>Scientific Reports</i> , <b>2016</b> , 6, 35968	4.9	77
173	Dual-Helicity Decoupled Coding Metasurface for Independent Spin-to-Orbital Angular Momentum Conversion. <i>Physical Review Applied</i> , <b>2019</b> , 11,	4.3	74

172	Dynamic control of electromagnetic wave propagation with the equivalent principle inspired tunable metasurface. <i>Scientific Reports</i> , <b>2015</b> , 4,	4.9	69
171	Polarization modulation by tunable electromagnetic metamaterial reflector/absorber. <i>Optics Express</i> , <b>2010</b> , 18, 23196-203	3.3	68
170	Tunable broadband polarization rotator in terahertz frequency based on graphene metamaterial. <i>Carbon</i> , <b>2018</b> , 133, 170-175	10.4	63
169	Stopping light by an air waveguide with anisotropic metamaterial cladding. <i>Optics Express</i> , <b>2009</b> , 17, 1703-3	3.3	63
168	Passive Metasurface for Reflectionless and Arbitrary Control of Electromagnetic Wave Transmission. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2015</b> , 63, 5500-5511	4.9	58
167	DUAL BAND SWITCHABLE METAMATERIAL ELECTROMAGNETIC ABSORBER. <i>Progress in Electromagnetics Research B</i> , <b>2010</b> , 24, 121-129	0.7	58
166	Broadband microwave absorption utilizing water-based metamaterial structures. <i>Optics Express</i> , <b>2018</b> , 26, 8522-8531	3.3	55
165	Switchable quarter-wave plate with graphene based metamaterial for broadband terahertz wave manipulation. <i>Optics Express</i> , <b>2015</b> , 23, 27230-9	3.3	54
164	A frequency and bandwidth tunable metamaterial absorber in x-band. <i>Journal of Applied Physics</i> , <b>2015</b> , 117, 173103	2.5	52
163	Experimental demonstration of eight-wavelength distributed feedback semiconductor laser array using equivalent phase shift. <i>Optics Letters</i> , <b>2012</b> , 37, 3315-7	3	52
162	Dynamic control of asymmetric electromagnetic wave transmission by active chiral metamaterial. <i>Scientific Reports</i> , <b>2017</b> , 7, 42802	4.9	49
161	Dynamic Scattering Steering with Graphene-Based Coding Metamirror. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 2000683	8.1	46
160	Broadband diffuse terahertz wave scattering by flexible metasurface with randomized phase distribution. <i>Scientific Reports</i> , <b>2016</b> , 6, 26875	4.9	43
159	Metasurface Salisbury screen: achieving ultra-wideband microwave absorption. <i>Optics Express</i> , <b>2017</b> , 25, 30241-30252	3.3	40
158	Infrared carpet cloak designed with uniform silicon grating structure. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 184102	3.4	38
157	Polarization beam splitting through an anisotropic metamaterial slab realized by a layered metal-dielectric structure. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 071114	3.4	38
156	Optically transparent metasurface Salisbury screen with wideband microwave absorption. <i>Optics Express</i> , <b>2018</b> , 26, 34384-34395	3.3	38
155	Achieving flexible low-scattering metasurface based on randomly distribution of meta-elements. <i>Optics Express</i> , <b>2016</b> , 24, 27849-27857	3.3	36

154	Highly-confined and low-loss spoof surface plasmon polaritons structure with periodic loading of trapezoidal grooves. <i>AIP Advances</i> , <b>2015</b> , 5, 077123	1.5	35
153	Improving microwave antenna gain and bandwidth with phase compensation metasurface. <i>AIP Advances</i> , <b>2015</b> , 5, 067152	1.5	31
152	Active Anisotropic Coding Metasurface with Independent Real-Time Reconfigurability for Dual Polarized Waves. <i>Advanced Materials Technologies</i> , <b>2020</b> , 5, 1900930	6.8	30
151	Optimized cylindrical invisibility cloak with minimum layers of non-magnetic isotropic materials. <i>Journal Physics D: Applied Physics</i> , <b>2011</b> , 44, 185102	3	29
150	Broadband Polarization-Conversion Metasurface for a Cassegrain Antenna with High Polarization Purity. <i>Physical Review Applied</i> , <b>2019</b> , 12,	4.3	28
149	Backward spoof surface wave in plasmonic metamaterial of ultrathin metallic structure. <i>Scientific Reports</i> , <b>2016</b> , 6, 20448	4.9	28
148	Graphene-enabled tunable multifunctional metamaterial for dynamical polarization manipulation of broadband terahertz wave. <i>Carbon</i> , <b>2020</b> , 163, 244-252	10.4	27
147	Broad band invisibility cloak made of normal dielectric multilayer. <i>Applied Physics Letters</i> , <b>2011</b> , 99, 154104	1.4	27
146	Effects of GeO <sub>2</sub> on the thermal stability and optical properties of Er <sup>3+</sup> /Yb <sup>3+</sup> -codoped oxyfluoride tellurite glasses. <i>Materials Chemistry and Physics</i> , <b>2011</b> , 126, 786-790	4.4	27
145	Planar Metamaterial Microwave Absorber for all Wave Polarizations. <i>Chinese Physics Letters</i> , <b>2009</b> , 26, 114102	1.8	27
144	Design of transmission-type coding metasurface and its application of beam forming. <i>Applied Physics Letters</i> , <b>2016</b> , 109, 121103	3.4	27
143	Switchable Broadband Dual-Polarized Frequency-Selective Resorber/Absorber. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2019</b> , 18, 2508-2512	3.8	26
142	Dark Schrödinger solitons and harmonic generation in left-handed nonlinear transmission line. <i>Journal of Applied Physics</i> , <b>2010</b> , 107, 094907	2.5	26
141	Broadband Spin-Decoupled Metasurface for Dual-Circularly Polarized Reflector Antenna Design. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 3534-3543	4.9	25
140	Combining Frequency-Selective Scattering and Specular Reflection Through Phase-Dispersion Tailoring of a Metasurface. <i>Physical Review Applied</i> , <b>2018</b> , 10,	4.3	25
139	Programmable Coding Metasurface for Dual-Band Independent Real-Time Beam Control. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , <b>2020</b> , 10, 20-28	5.2	24
138	Ultra-Wideband Microwave Absorption by Design and Optimization of Metasurface Salisbury Screen. <i>IEEE Access</i> , <b>2018</b> , 6, 26843-26853	3.5	24
137	Full control of conical beam carrying orbital angular momentum by reflective metasurface. <i>Optics Express</i> , <b>2018</b> , 26, 20990-21002	3.3	21

136	Airy Beam Generation: Approaching Ideal Efficiency and Ultra Wideband with Reflective and Transmissive Metasurfaces. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 2000860	8.1	21
135	Multi-octave microwave absorption via conformal metamaterial absorber with optical transparency. <i>Journal Physics D: Applied Physics</i> , <b>2019</b> , 52, 335101	3	20
134	Electromagnetic wave propagation in anisotropic metamaterials created by a set of periodic inductor-capacitor circuit networks. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	20
133	Asymmetric Transmission Of Linearly Polarized Electromagnetic Wave Through Chiral Metamaterial Structure. <i>Journal of Electromagnetic Waves and Applications</i> , <b>2012</b> , 26, 1192-1202	1.3	19
132	Experimental demonstration of the three phase shifted DFB semiconductor laser based on Reconstruction-Equivalent-Chirp technique. <i>Optics Express</i> , <b>2012</b> , 20, 17374-9	3.3	18
131	Electromagnetic wave localization using a left-handed transmission-line superlens. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	18
130	Independent Energy Allocation of Dual-Helical Multi-Beams with Spin-Selective Transmissive Metasurface. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 2000342	8.1	17
129	Dual-band asymmetric electromagnetic wave transmission for dual polarizations in chiral metamaterial structure. <i>Applied Physics B: Lasers and Optics</i> , <b>2014</b> , 117, 527-531	1.9	16
128	Ultra-wideband bandpass filter using simplified left-handed transmission line structure. <i>Microwave and Optical Technology Letters</i> , <b>2008</b> , 50, 2758-2762	1.2	16
127	Directive electromagnetic radiation of a line source scattered by a conducting cylinder coated with left-handed metamaterial. <i>Microwave and Optical Technology Letters</i> , <b>2005</b> , 47, 274-279	1.2	16
126	Multi-functional coding metasurface for dual-band independent electromagnetic wave control. <i>Optics Express</i> , <b>2019</b> , 27, 19196-19211	3.3	16
125	TransmissionReflection-Selective Metasurface and Its Application to RCS Reduction of High-Gain Reflector Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 1426-1435	4.9	16
124	A Wide-angle Multi-Octave Broadband Waveplate Based on Field Transformation Approach. <i>Scientific Reports</i> , <b>2015</b> , 5, 17532	4.9	15
123	Frequency-selective microwave polarization rotator using substrate-integrated waveguide cavities. <i>Chinese Physics B</i> , <b>2014</b> , 23, 034101	1.2	15
122	Simplified ground plane invisibility cloak by multilayer dielectrics. <i>Optics Express</i> , <b>2010</b> , 18, 24477-85	3.3	15
121	. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2003</b> , 13, 467-470	1.8	15
120	The Yin and Yang of BK Channels in Epilepsy. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2018</b> , 17, 272-279	2.6	15
119	Designing the coordinate transformation function for non-magnetic invisibility cloaking. <i>Journal Physics D: Applied Physics</i> , <b>2008</b> , 41, 215504	3	14

118	Electromagnetic beam modulation through transformation optical structures. <i>New Journal of Physics</i> , <b>2008</b> , 10, 115027	2.9	14
117	Characterization and modelling of MOSFET operating at cryogenic temperature for hybrid superconductor-CMOS circuits. <i>Semiconductor Science and Technology</i> , <b>2004</b> , 19, 1381-1385	1.8	14
116	Arbitrary and Dynamic Poincaré Sphere Polarization Converter with a Time-Varying Metasurface. <i>Advanced Optical Materials</i> , <b>2022</b> , 10, 2101915	8.1	14
115	Electromagnetic polarization conversion based on Huygens's metasurfaces with coupled electric and magnetic resonances. <i>Optics Express</i> , <b>2019</b> , 27, 11006-11017	3.3	13
114	Ultra-broadband microwave absorption by ultra-thin metamaterial with stepped structure induced multi-resonances. <i>Results in Physics</i> , <b>2020</b> , 18, 103320	3.7	13
113	Terahertz beam switching by electrical control of graphene-enabled tunable metasurface. <i>Scientific Reports</i> , <b>2017</b> , 7, 14147	4.9	12
112	Broadband microwave metamaterial absorber with lumped resistor loading. <i>EPJ Applied Metamaterials</i> , <b>2019</b> , 6, 1	0.8	12
111	Dual-Phase Hybrid Metasurface for Independent Amplitude and Phase Control of Circularly Polarized Wave. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 7705-7710	4.9	12
110	Spoof surface plasmon-based bandpass filter with extremely wide upper stopband. <i>Chinese Physics B</i> , <b>2016</b> , 25, 034101	1.2	12
109	Slow-light propagation in a cylindrical dielectric waveguide with metamaterial cladding. <i>Journal Physics D: Applied Physics</i> , <b>2011</b> , 44, 475103	3	12
108	Sub-wavelength image manipulating through compensated anisotropic metamaterial prisms. <i>Optics Express</i> , <b>2008</b> , 16, 18057-66	3.3	12
107	Subwavelength rectangular cavity partially filled with left-handed materials. <i>Chinese Physics B</i> , <b>2006</b> , 15, 1154-1160		12
106	Subwavelength imaging with compensated anisotropic bilayers realized by transmission-line metamaterials. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	12
105	Binary geometric phase metasurface for ultra-wideband microwave diffuse scatterings with optical transparency. <i>Optics Express</i> , <b>2020</b> , 28, 12638-12649	3.3	12
104	Compensating loss with gain in slow-light propagation along slab waveguide with anisotropic metamaterial cladding. <i>Optics Letters</i> , <b>2009</b> , 34, 3869-71	3	11
103	Direct routing of intensity-editable multi-beams by dual geometric phase interference in metasurface. <i>Nanophotonics</i> , <b>2020</b> , 9, 2977-2987	6.3	11
102	Microwave absorber based on permeability-near-zero metamaterial made of Swiss roll structures. <i>Journal Physics D: Applied Physics</i> , <b>2015</b> , 48, 455304	3	10
101	Epitaxial growth of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> /CeO <sub>2</sub> /YSZ thin films on silicon-on-insulator substrates. <i>Semiconductor Science and Technology</i> , <b>2002</b> , 15, 320-323	3.1	10

100	An Intelligent Programmable Omni-Metasurface. <i>Laser and Photonics Reviews</i> , 2100718	8.3	10
99	Spatial variation of the critical current density of the high T <sub>c</sub> superconducting thin films. <i>Journal of Applied Physics</i> , <b>1992</b> , 72, 5350-5353	2.5	9
98	Angular-Adaptive Reconfigurable Spin-Locked Metasurface Retroreflector. <i>Advanced Science</i> , <b>2021</b> , 8, e2100885	13.6	9
97	Ultrawideband Spin-Decoupled Coding Metasurface for Independent Dual-Channel Wavefront Tailoring. <i>Annalen Der Physik</i> , <b>2020</b> , 532, 1900472	2.6	8
96	Low-RCS Holographic Antenna With Enhanced Gain Based on Frequency-Selective Absorber. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 6516-6526	4.9	8
95	Polarization-dependent bi-functional metasurface for directive radiation and diffusion-like scattering. <i>AIP Advances</i> , <b>2017</b> , 7, 115214	1.5	8
94	One-way absorber for linearly polarized electromagnetic wave utilizing composite metamaterial. <i>Optics Express</i> , <b>2015</b> , 23, 4658-65	3.3	8
93	Design of Dual-Polarized Frequency Selective Structure With Quasi-Elliptic Bandpass Response. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2012</b> , 11, 297-300	3.8	8
92	Anomalous reflection and refraction in anisotropic metamaterial realized by periodically loaded transmission line network. <i>Journal of Applied Physics</i> , <b>2006</b> , 100, 114901	2.5	8
91	Hybrid Josephson-CMOS memory: a solution for the Josephson memory problem. <i>Superconductor Science and Technology</i> , <b>2002</b> , 15, 1669-1674	3.1	8
90	Kirigami Reconfigurable Gradient Metasurface. <i>Advanced Functional Materials</i> , 2107699	15.6	8
89	Active Cylindrical Metasurface With Spatial Reconfigurability for Tunable Backward Scattering Reduction. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 3332-3340	4.9	8
88	Manipulating surface plasmon waves by transformation optics: Design examples of a beam squeezer, bend, and omnidirectional absorber. <i>Chinese Physics B</i> , <b>2013</b> , 22, 034102	1.2	7
87	Negative refraction and partial focusing in an anisotropic metamaterial realized by a loaded transmission line network. <i>Journal Physics D: Applied Physics</i> , <b>2006</b> , 39, 213-219	3	7
86	Local microwave characterization of metal films using a scanning microwave near-field microscope. <i>Solid State Communications</i> , <b>2001</b> , 119, 133-135	1.6	7
85	Electromagnetic properties of magnetic epsilon-near-zero medium with dielectric dopants. <i>Optics Express</i> , <b>2019</b> , 27, 20073-20083	3.3	7
84	Differential Signal Propagation in Spoof Plasmonic Structure and its Application in Microwave Filtering Balun. <i>IEEE Access</i> , <b>2020</b> , 8, 109009-109014	3.5	6
83	Selective wave-transmitting electromagnetic absorber through composite metasurface. <i>AIP Advances</i> , <b>2017</b> , 7, 115017	1.5	6

82	Assembling optically active and nonactive metamaterials with chiral units. <i>AIP Advances</i> , <b>2012</b> , 2, 041413.5	1.5	6
81	Extraordinary transmission in planar waveguide loaded with anisotropic metamaterials. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 034912	2.5	6
80	Planar sub-wavelength cavity resonator containing a bilayer of anisotropic metamaterials. <i>Journal Physics D: Applied Physics</i> , <b>2007</b> , 40, 1821-1826	3	6
79	Achieving Directive Radiation and Broadband Microwave Absorption by an Anisotropic Metasurface. <i>IEEE Access</i> , <b>2019</b> , 7, 93919-93926	3.5	5
78	Metamaterials: Anomalous Terahertz Reflection and Scattering by Flexible and Conformal Coding Metamaterials (Advanced Optical Materials 10/2015). <i>Advanced Optical Materials</i> , <b>2015</b> , 3, 1373-1373	8.1	5
77	A self-similar fractal electromagnetic band-gap structure in the power plane with broadband suppression of ground bounce noise. <i>Microwave and Optical Technology Letters</i> , <b>2007</b> , 49, 190-192	1.2	5
76	Switchable metasurface for nearly perfect reflection, transmission, and absorption using PIN diodes. <i>Optics Express</i> , <b>2021</b> , 29, 29320-29328	3.3	5
75	An ultrathin microwave HuygensSmetasurface lens <b>2015</b> ,		4
74	Electromagnetic wave deflection and backward scattering reduction by flat meta-surfaces <b>2014</b> ,		4
73	An Anti-Symmetric-Sample Grating Structure for Improving the Reconstruction-Equivalent-Chirp Technology. <i>IEEE Photonics Technology Letters</i> , <b>2011</b> , 23, 1337-1339	2.2	4
72	Spatially resolved characterization of the microwave properties of superconducting thin films by low temperature microwave scanning near-field microscopy. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2003</b> , 13, 2901-2904	1.8	4
71	Graphene-enabled active metamaterial for dynamical manipulation of terahertz reflection/transmission/absorption. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2020</b> , 384, 126840	2.3	4
70	Ultrathin microwave absorber in wireless communication band made of Swiss roll metamaterial structure <b>2014</b> ,		3
69	Coupling surface plasmon waves across gaps in a dielectric/metal interface by transformation optics. <i>Applied Physics B: Lasers and Optics</i> , <b>2013</b> , 112, 1-6	1.9	3
68	A broadband reflective-type half-wave plate employing optical feedbacks. <i>Scientific Reports</i> , <b>2017</b> , 7, 9103	4.9	3
67	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. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , <b>2015</b> , 21, 42	2.2	3
66	Designing retrodirective reflector on a planar surface by transformation optics. <i>AIP Advances</i> , <b>2013</b> , 3, 012113	1.5	3
65	Slow wave propagation in a dielectric cylindrical waveguide with anisotropic metamaterial cladding <b>2009</b> ,		3



64	Loss and retardation effect on subwavelength imaging by compensated bilayer of anisotropic metamaterials. <i>Journal of Applied Physics</i> , <b>2006</b> , 100, 124910	2.5	3
63	Nondestructive evaluation of the dielectric properties of the substrate materials for high-Tc superconducting microwave devices. <i>Superconductor Science and Technology</i> , <b>2002</b> , 15, 390-394	3.1	3
62	Understanding Genotypes and Phenotypes of the Mutations in Voltage-Gated Sodium Channel $\beta$ Subunits in Epilepsy. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2019</b> , 18, 266-272	2.6	3
61	Quad-channel independent wavefront encoding with dual-band multitasking metasurface. <i>Optics Express</i> , <b>2021</b> , 29, 15678-15688	3.3	3
60	Lipid bilayer modification alters the gating properties and pharmacological sensitivity of voltage-gated sodium channel. <i>Acta Physiologica Sinica</i> , <b>2015</b> , 67, 271-82	1.3	3
59	A Dual-polarized Reconfigurable Reflectarray Antenna Based on Dual-channel Programmable Metasurface. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	3
58	Filtering microwave differential signals through odd-mode spoof surface plasmon polariton propagation. <i>Journal Physics D: Applied Physics</i> , <b>2020</b> , 53, 165105	3	2
57	Broadband microwave metamaterial absorber made of randomly distributed metallic loops <b>2016</b> ,		2
56	Generation of conical beam by reflective metasurface <b>2018</b> ,		2
55	Improved $\lambda/4$ phase-shifted DFB semiconductor laser with spatial hole burning compensation using grating chirp. <i>Optics and Laser Technology</i> , <b>2012</b> , 44, 2443-2448	4.2	2
54	Dynamic control of electromagnetic wave polarization and phase through active metasurfaces <b>2014</b> ,		2
53	Effect of loss and coupling on the resonance of metamaterial: An equivalent circuit approach. <i>Science China Information Sciences</i> , <b>2014</b> , 57, 1-8	3.4	2
52	Bandwidth enhanced metamaterial absorber at terahertz frequency <b>2012</b> ,		2
51	Explicit expression of the pseudo-Brewster angle for anisotropic metamaterials. <i>Optics Communications</i> , <b>2011</b> , 284, 2678-2682	2	2
50	Schrödinger solitons and harmonic generation in short left-handed nonlinear transmission line metamaterial <b>2009</b> ,		2
49	Achieving both wideband mitigation of ground bounce noise and good signal integrity by novel period structure. <i>Electronics Letters</i> , <b>2009</b> , 45, 158	1.1	2
48	Fabry-Perot cavity antenna with beam switching <b>2012</b> ,		2
47	Nondestructive imaging of the microwave properties of superconducting thin film devices with a scanning microwave near-field microscope. <i>Physica C: Superconductivity and Its Applications</i> , <b>2000</b> , 341-348, 2651-2652	1.3	2

46	C -Axis Current-voltage Characteristics of Mesa Structures on Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> Single Crystals Fabricated by a Simple Technique Without Photolithography. <i>Chinese Physics Letters</i> , <b>1999</b> , 16, 686-688	1.8	2
45	Three-dimensional lightweight metamaterial with ultra-wideband microwave absorption. <i>Microwave and Optical Technology Letters</i> ,	1.2	2
44	Water droplets: Toward broadband metamaterial microwave absorber <b>2016</b> ,		2
43	An ultralow-profile lens antenna based on all-dielectric metasurfaces <b>2016</b> ,		2
42	Optically Transparent Metasurfaces for Controlling Microwave Scattering and Absorption <b>2018</b> ,		2
41	A Broadband Metamaterial Microwave Absorber Utilizing Both Magnetic and Electric Resonances <b>2018</b> ,		2
40	An Active Metamaterial Absorber With Ultrawideband Continuous Tunability. <i>IEEE Access</i> , <b>2022</b> , 10, 25290-25295	3.5	2
39	Polarization-Selective Bifunctional Metasurface for High-Efficiency Millimeter-wave Folded Transmitarray Antenna with Circular Polarization. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	2
38	Ultrathin L-band Microwave Tunable Metamaterial Absorber <b>2019</b> ,		1
37	Controllable metamaterial absorbers <b>2013</b> ,		1
36	Tunable ultra-thin P-band absorber based on permeability-near-zero metamaterial <b>2017</b> ,		1
35	Diode-like asymmetric transmission of linearly polarized waves through twisted split-ring metamaterial structure <b>2012</b> ,		1
34	Manipulating electromagnetic wave propagation, absorption and polarization with metamaterials <b>2012</b> ,		1
33	Microwave absorption properties of anisotropic materials realized by multi-layered film structures <b>2008</b> ,		1
32	Extraordinary transmission with evanescent wave enhancement in planar waveguide loaded with anisotropic metamaterials <b>2008</b> ,		1
31	A Novel Electromagnetic Band-gap Structure for Ultra-Wide Band Suppression of Ground Bounce Noise <b>2007</b> ,		1
30	Omni-Directional Microstrip Ring Antenna Based On a Simplified Left-Handed Transmission Line Structure <b>2006</b> ,		1
29	Transmission line realization of subwavelength resonator formed by a pair of conventional and LHM slabs. <i>Journal of Zhejiang University: Science A</i> , <b>2006</b> , 7, 76-80	2.1	1

28	Implementation and low speed test of ultra-fast interface circuits for Josephson-CMOS hybrid memories. <i>Physica C: Superconductivity and Its Applications</i> , <b>2003</b> , 392-396, 1467-1471	1.3	1
27	Local microwave surface resistance variations of the YBaCuO thin films patterned by selective laser irradiation and plasma fluorination. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2001</b> , 11, 123-126	1.8	1
26	Probing the local microwave properties of superconducting thin films by a scanning microwave near-field microscope. <i>Superconductor Science and Technology</i> , <b>2002</b> , 15, 1771-1774	3.1	1
25	Bi/sub 2/Sr/sub 2/CaCu/sub 2/O/sub 8+/spl delta// intrinsic Josephson junctions fabricated by a simple technique without photolithography. <i>IEEE Transactions on Applied Superconductivity</i> , <b>1999</b> , 9, 4527-4529 <sup>1</sup>	1.8	1
24	. <i>IEEE Transactions on Applied Superconductivity</i> , <b>1995</b> , 5, 2798-2800	1.8	1
23	Wireless Communication Utilizing Berry-Phase Carriers. <i>Laser and Photonics Reviews</i> , 2100432	8.3	1
22	Independent Wavefront Tailoring in Full Polarization Channels by Helicity-Decoupled Metasurface. <i>Annalen Der Physik</i> , 2100546	2.6	1
21	Wideband Dual-Feed Dual-Polarized Reflectarray Antenna Using Anisotropic Metasurface. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2022</b> , 21, 129-133	3.8	1
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