

Huanyang Chen

List of Publications by Year in descending order

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190
papers

9,551
citations

66234

42
h-index

39575

94
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193
all docs

193
docs citations

193
times ranked

4394
citing authors

#	ARTICLE	IF	CITATIONS
1	Transformation optics and metamaterials. <i>Nature Materials</i> , 2010, 9, 387-396.	13.3	1,017
2	Acoustic cloaking in three dimensions using acoustic metamaterials. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	773
3	Wavefront modulation and subwavelength diffractive acoustics with an acoustic metasurface. <i>Nature Communications</i> , 2014, 5, 5553.	5.8	691
4	Illusion Optics: The Optical Transformation of an Object into Another Object. <i>Physical Review Letters</i> , 2009, 102, 253902.	2.9	565
5	Complementary Media Invisibility Cloak that Cloaks Objects at a Distance Outside the Cloaking Shell. <i>Physical Review Letters</i> , 2009, 102, 093901.	2.9	504
6	Transformation media that rotate electromagnetic fields. <i>Applied Physics Letters</i> , 2007, 90, 241105.	1.5	493
7	Acoustic cloaking and transformation acoustics. <i>Journal Physics D: Applied Physics</i> , 2010, 43, 113001.	1.3	296
8	Design and Experimental Realization of a Broadband Transformation Media Field Rotator at Microwave Frequencies. <i>Physical Review Letters</i> , 2009, 102, 183903.	2.9	229
9	Superscatterer: Enhancement of scattering with complementary media. <i>Optics Express</i> , 2008, 16, 18545.	1.7	225
10	Conformal transformation optics. <i>Nature Photonics</i> , 2015, 9, 15-23.	15.6	217
11	Planar gradient metamaterials. <i>Nature Reviews Materials</i> , 2016, 1, .	23.3	153
12	Accidental degeneracy in photonic bands and topological phase transitions in two-dimensional core-shell dielectric photonic crystals. <i>Optics Express</i> , 2016, 24, 18059.	1.7	142
13	Metamaterial frequency-selective superabsorber. <i>Optics Letters</i> , 2009, 34, 644.	1.7	141
14	Reversal of transmission and reflection based on acoustic metagratings with integer parity design. <i>Nature Communications</i> , 2019, 10, 2326.	5.8	135
15	Total reflection and transmission by epsilon-near-zero metamaterials with defects. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	134
16	Experimental Realization of a Circuit-Based Broadband Illusion-Optics Analogue. <i>Physical Review Letters</i> , 2010, 105, 233906.	2.9	128
17	Extending the bandwidth of electromagnetic cloaks. <i>Physical Review B</i> , 2007, 76, .	1.1	126
18	Realizing almost perfect bending waveguides with anisotropic epsilon-near-zero metamaterials. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	117

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19	The Anti-Cloak. Optics Express, 2008, 16, 14603.	1.7	109
20	Transformation optics that mimics the system outside a Schwarzschild black hole. Optics Express, 2010, 18, 15183.	1.7	105
21	Broadband asymmetric waveguiding of light without polarization limitations. Nature Communications, 2013, 4, 2561.	5.8	100
22	Electromagnetic wave manipulation by layered systems using the transformation media concept. Physical Review B, 2008, 78, .	1.1	94
23	Universal multimode waveguide crossing based on transformation optics. Optica, 2018, 5, 1549.	4.8	87
24	Arbitrary Control of Electromagnetic Flux in Inhomogeneous Anisotropic Media with Near-Zero Index. Physical Review Letters, 2014, 112, 073903.	2.9	84
25	Transformation optics with Fabry-Pérot resonances. Scientific Reports, 2015, 5, 8680.	1.6	81
26	Electromagnetically induced Talbot effect. Applied Physics Letters, 2011, 98, .	1.5	79
27	Goos-Hänchen effect in epsilon-near-zero metamaterials. Scientific Reports, 2015, 5, 8681.	1.6	74
28	Self-Focusing and the Talbot Effect in Conformal Transformation Optics. Physical Review Letters, 2017, 119, 033902.	2.9	72
29	Broadband Waveguide Cloak for Water Waves. Physical Review Letters, 2019, 123, 074501.	2.9	62
30	Zero index metamaterials with PT symmetry in a waveguide system. Optics Express, 2016, 24, 1648.	1.7	61
31	Three-dimensional photonic Dirac points stabilized by point group symmetry. Physical Review B, 2016, 93, .	1.1	58
32	Surface Plasmonic Sensors: Sensing Mechanism and Recent Applications. Sensors, 2021, 21, 5262.	2.1	54
33	Transformation media for linear liquid surface waves. Europhysics Letters, 2009, 85, 24004.	0.7	53
34	A simple design of an artificial electromagnetic black hole. Journal of Applied Physics, 2010, 108, .	1.1	53
35	Unidirectional transmission using array of zero-refractive-index metamaterials. Applied Physics Letters, 2014, 104, 193509.	1.5	53
36	Conceal an entrance by means of superscatterer. Applied Physics Letters, 2009, 94, .	1.5	52

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37	Acoustic Imaging with Metamaterial Luneburg Lenses. Scientific Reports, 2018, 8, 16188.	1.6	51
38	Concentrators for Water Waves. Physical Review Letters, 2018, 121, 104501.	2.9	50
39	Manipulate the Transmissions Using Index-Near-Zero or Epsilon-Near-Zero Metamaterials with Coated Defects. Plasmonics, 2012, 7, 353-358.	1.8	48
40	Steering light by a sub-wavelength metallic grating from transformation optics. Scientific Reports, 2015, 5, 12219.	1.6	48
41	Definite photon deflections of topological defects in metasurfaces and symmetry-breaking phase transitions with material loss. Nature Communications, 2018, 9, 4271.	5.8	48
42	Reshaping the perfect electrical conductor cylinder arbitrarily. New Journal of Physics, 2008, 10, 113016.	1.2	46
43	Transformation optics in orthogonal coordinates. Journal of Optics, 2009, 11, 075102.	1.5	42
44	Conformal cloak for waves. Physical Review A, 2011, 83, .	1.0	42
45	Compact acoustic retroreflector based on a mirrored Luneburg lens. Physical Review Materials, 2018, 2, .	0.9	41
46	Overlapped illusion optics: a perfect lens brings a brighter feature. New Journal of Physics, 2011, 13, 023010.	1.2	40
47	Tailoring Topological Transitions of Anisotropic Polaritons by Interface Engineering in Biaxial Crystals. Nano Letters, 2022, 22, 4260-4268.	4.5	40
48	A simple route to a tunable electromagnetic gateway. New Journal of Physics, 2009, 11, 083012.	1.2	39
49	Giant Goos-Hänchen shift induced by bounded states in optical PT-symmetric bilayer structures. Optics Express, 2019, 27, 7857.	1.7	38
50	Broadband High-Efficiency Ultrathin Metasurfaces With Simultaneous Independent Control of Transmission and Reflection Amplitudes and Phases. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 254-263.	2.9	38
51	Anisotropic polaritons in van der Waals materials. Informa-Materially, 2020, 2, 777-790.	8.5	36
52	“Cloaking at a distance” from folded geometries in bipolar coordinates. Optics Letters, 2009, 34, 2649.	1.7	35
53	Mechanism Behind Angularly Asymmetric Diffraction in Phase-Gradient Metasurfaces. Physical Review Applied, 2019, 12, .	1.5	34
54	Graded index photonic hole: Analytical and rigorous full wave solution. Physical Review B, 2010, 82, .	1.1	33

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55	Time delays and energy transport velocities in three dimensional ideal cloaking devices. Journal of Applied Physics, 2008, 104, .	1.1	31
56	Plasmon-polaritonic quadrupole topological insulators. Physical Review B, 2020, 101, .	1.1	31
57	Bidirectional multi-mode microwave vortex beam generation enabled by spoof surface plasmon polaritons. Applied Physics Letters, 2020, 117, .	1.5	28
58	Playing the tricks of numbers of light sources. New Journal of Physics, 2013, 15, 093034.	1.2	26
59	Additional modes in a waveguide system of zero-index-metamaterials with defects. Scientific Reports, 2015, 4, 6428.	1.6	26
60	Design of zero index metamaterials with PT symmetry using epsilon-near-zero media with defects. Journal of Applied Physics, 2017, 121, 094503.	1.1	26
61	Flat Lenses Based on 2D Perovskite Nanosheets. Advanced Materials, 2020, 32, e2001388.	11.1	26
62	Perfect field concentrator using zero index metamaterials and perfect electric conductors. Frontiers of Physics, 2014, 9, 90-93.	2.4	25
63	Enhancing ultra-wideband THz fingerprint sensing of unpatterned 2D carbon-based nanomaterials. Carbon, 2021, 179, 666-676.	5.4	25
64	Transformation Metamaterials. Advanced Materials, 2021, 33, e2005489.	11.1	25
65	Size-dependent longitudinal plasmon resonance wavelength and extraordinary scattering properties of Au nanopyramids. Nanotechnology, 2018, 29, 355402.	1.3	24
66	Impedance-Matched Reduced Acoustic Cloaking with Realizable Mass and Its Layered Design. Chinese Physics Letters, 2008, 25, 3696-3699.	1.3	23
67	Enhanced third-harmonic generation induced by nonlinear field resonances in plasmonic-graphene metasurfaces. Optics Express, 2020, 28, 13234.	1.7	23
68	Switchable bifunctional metasurfaces: nearly perfect retroreflection and absorption at the terahertz regime. Optics Letters, 2020, 45, 3989.	1.7	23
69	Transformation media that turn a narrow slit into a large window. Optics Express, 2008, 16, 11764.	1.7	21
70	Transformation media based super focusing antenna. Journal Physics D: Applied Physics, 2009, 42, 212002.	1.3	21
71	Experimental realization of a broadband conformal mapping lens for directional emission. Applied Physics Letters, 2012, 100, 261907.	1.5	21
72	A broadband polarization-insensitive cloak based on mode conversion. Scientific Reports, 2015, 5, 12106.	1.6	21

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73	Effect of truncation on photonic corner states in a Kagome lattice. Optics Letters, 2019, 44, 4251.	1.7	21
74	Light rays and waves on geodesic lenses. Photonics Research, 2019, 7, 1266.	3.4	21
75	Illusion optics. Frontiers of Physics in China, 2010, 5, 308-318.	1.0	20
76	Cloaking and imaging at the same time. Europhysics Letters, 2013, 101, 34004.	0.7	20
77	Applications of gradient index metamaterials in waveguides. Scientific Reports, 2015, 5, 18223.	1.6	20
78	Broadband mode conversion via gradient index metamaterials. Scientific Reports, 2016, 6, 24529.	1.6	20
79	Perfect conformal invisible device with feasible refractive indexes. Physical Review B, 2016, 93, .	1.1	20
80	Non-Euclidean Cloaking for Light Waves. IEEE Journal of Selected Topics in Quantum Electronics, 2010, 16, 418-426.	1.9	19
81	Electromagnetic wave propagations in conjugate metamaterials. Optics Express, 2017, 25, 4952.	1.7	19
82	An inside-out Eaton lens made of H-fractal metamaterials. Applied Physics Letters, 2012, 101, .	1.5	18
83	Total omnidirectional reflection by sub-wavelength gradient metallic gratings. Europhysics Letters, 2016, 114, 34003.	0.7	18
84	Coherent perfect absorber and laser modes in purely imaginary metamaterials. Physical Review A, 2017, 96, .	1.0	18
85	Tunable edge states in reconfigurable photonic crystals. Journal of Applied Physics, 2019, 126, .	1.1	18
86	Scattering of elastic waves by elastic spheres in a NaCl-type phononic crystal. Physical Review B, 2007, 75, .	1.1	16
87	Invisible lenses with positive isotropic refractive index. Physical Review A, 2014, 90, .	1.0	16
88	Inhomogeneous field in cavities of zero index metamaterials. Scientific Reports, 2015, 5, 11217.	1.6	16
89	Negative refraction based on purely imaginary metamaterials. Frontiers of Physics, 2018, 13, 1.	2.4	16
90	Imaging along conformal curves. Physical Review A, 2018, 98, .	1.0	16

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91	Transformation cosmology. <i>Physical Review A</i> , 2020, 102, .	1.0	16
92	The density profile of hard sphere liquid system under gravity. <i>Journal of Chemical Physics</i> , 2006, 125, 024510.	1.2	15
93	Water Wave Polaritons. <i>Physical Review Letters</i> , 2022, 128, .	2.9	15
94	Conformal optical devices based on geodesic lenses. <i>Optics Express</i> , 2019, 27, 28722.	1.7	14
95	Transformation optical design of a bending waveguide by use of isotropic materials. <i>Applied Optics</i> , 2009, 48, G101.	2.1	13
96	Nonlocality-Induced Negative Refraction and Subwavelength Imaging by Parabolic Dispersions in Metal-Dielectric Multilayered Structures with Effective Zero Permittivity. <i>Plasmonics</i> , 2013, 8, 1095-1099.	1.8	13
97	Logarithm conformal mapping brings the cloaking effect. <i>Scientific Reports</i> , 2015, 4, 6862.	1.6	13
98	Optical Concentrators with Simple Layered Designs. <i>Scientific Reports</i> , 2015, 5, 11015.	1.6	13
99	Conformally Mapped Mikaelian Lens for Broadband Achromatic High Resolution Focusing. <i>Laser and Photonics Reviews</i> , 2021, 15, 2000564.	4.4	13
100	Invisible Gateway by Superscattering Effect of Metamaterials. <i>Physical Review Letters</i> , 2021, 126, 227403.	2.9	13
101	Polarization gaps and negative group velocity in chiral phononic crystals: Layer multiple scattering method. <i>Physical Review B</i> , 2008, 77, .	1.1	12
102	Collimating lenses from non-Euclidean transformation optics. <i>New Journal of Physics</i> , 2012, 14, 023011.	1.2	12
103	Conformal transformations to achieve unidirectional behavior of light. <i>New Journal of Physics</i> , 2012, 14, 053023.	1.2	12
104	Total transmission through a sub-wavelength slit based on Fabry-Pérot resonance and zero-index metamaterials. <i>Journal of Optics (United Kingdom)</i> , 2015, 17, 105602.	1.0	12
105	Tunable surface plasmon polaritons and ultrafast dynamics in 2D nanohole arrays. <i>Nanoscale</i> , 2019, 11, 16428-16436.	2.8	12
106	Enhanced sum frequency generation for ultrasensitive characterization of plasmonic modes. <i>Nanophotonics</i> , 2020, 9, 815-822.	2.9	12
107	General transformation for the reduced invisibility cloak. <i>Physical Review B</i> , 2009, 80, .	1.1	11
108	Oblique total transmissions through epsilon-near-zero metamaterials with hyperbolic dispersions. <i>Europhysics Letters</i> , 2013, 101, 44001.	0.7	11

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109	Fano resonances from gradient-index metamaterials. <i>Scientific Reports</i> , 2016, 6, 19927.	1.6	11
110	Perfect invisibility concentrator with simplified material parameters. <i>Frontiers of Physics</i> , 2018, 13, 1.	2.4	11
111	Maxwell's fish-eye lenses under Schwartz-Christoffel mappings. <i>Physical Review A</i> , 2019, 99, .	1.0	11
112	Transformation devices with optical nihility media and reduced realizations. <i>Frontiers of Physics</i> , 2019, 14, 1.	2.4	11
113	Orbital corner states on breathing kagome lattices. <i>Physical Review B</i> , 2020, 101, .	1.1	11
114	Coherent perfect absorber makes a perfect drain for Maxwell's fish-eye lens. <i>Europhysics Letters</i> , 2012, 100, 34001.	0.7	10
115	A feasible approach to field concentrators of arbitrary shapes. <i>Frontiers of Physics</i> , 2018, 13, 1.	2.4	10
116	High transmission in a metal-based photonic crystal. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	10
117	Coherent perfect absorption and laser modes in a cylindrical structure of conjugate metamaterials. <i>New Journal of Physics</i> , 2018, 20, 013015.	1.2	10
118	Conformal Singularities and Topological Defects from Inverse Transformation Optics. <i>Physical Review Applied</i> , 2019, 11, .	1.5	10
119	Ideal type-II Weyl points in twisted one-dimensional dielectric photonic crystals. <i>Optics Express</i> , 2021, 29, 40606.	1.7	10
120	Conformal cloaks at eigenfrequencies. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 135109.	1.3	9
121	Transformation optics with artificial Riemann sheets. <i>New Journal of Physics</i> , 2013, 15, 113013.	1.2	9
122	Ultra-compact reconfigurable device for mode conversion and dual-mode DPSK demodulation via inverse design. <i>Optics Express</i> , 2021, 29, 17718.	1.7	9
123	Photonic hyperinterfaces for light manipulations. <i>Optica</i> , 2020, 7, 687.	4.8	9
124	Metasurface-loaded waveguide for transformation optics applications. <i>Journal of Optics (United Kingdom)</i> , 2010, 10, 10.	1.0	8
125	Perfect Undetectable Acoustic Device from Fabry-Pérot Resonances. <i>Physical Review Applied</i> , 2018, 9, .	1.5	8
126	Conformal Landscape of a Two-Dimensional Gradient Refractive-Index Profile for Geometrical Optics. <i>Physical Review Applied</i> , 2020, 13, .	1.5	8

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127	Modal Analysis of 2-D Material-Based Plasmonic Waveguides by Mixed Spectral Element Method With Equivalent Boundary Condition. <i>Journal of Lightwave Technology</i> , 2020, 38, 3677-3686.	2.7	8
128	Exact transformation optics by using electrostatics. <i>Science Bulletin</i> , 2022, 67, 246-255.	4.3	8
129	Solid Immersion Maxwell's Fish-Eye Lens Without Drain. <i>Physical Review Applied</i> , 2022, 17, .	1.5	8
130	An Invisibility Cloak Using Silver Nanowires. <i>Plasmonics</i> , 2011, 6, 477-481.	1.8	7
131	Generalized laws of reflection and refraction from transformation optics. <i>Europhysics Letters</i> , 2012, 99, 44002.	0.7	7
132	Imprinted plasmonic measuring nanocylinders for nanoscale volumes of materials. <i>Nanophotonics</i> , 2020, 9, 167-176.	2.9	7
133	Bioinspired Conformal Transformation Acoustics. <i>Physical Review Applied</i> , 2020, 13, .	1.5	7
134	Mimicking the gravitational effect with gradient index lenses in geometrical optics. <i>Photonics Research</i> , 2021, 9, 1197.	3.4	7
135	Infinite Maxwell fisheye inside a finite circle. <i>Journal of Optics (United Kingdom)</i> , 2015, 17, 125102.	1.0	6
136	Broadband illusion optical devices based on conformal mappings. <i>Frontiers of Physics</i> , 2017, 12, 1.	2.4	6
137	Efficient Mode Converter and Orbital-Angular-Momentum Generator via Gradient-Index Metamaterials. <i>Physical Review Applied</i> , 2021, 15, .	1.5	6
138	Acoustic super-resolution imaging based on solid immersion 3D Maxwell's fish-eye lens. <i>Applied Physics Letters</i> , 2022, 120, .	1.5	6
139	Cloak an illusion. <i>Frontiers of Physics</i> , 2011, 6, 61-64.	2.4	5
140	Manipulating transverse magnetic modes in waveguide using thin plasmonic materials. <i>Laser and Photonics Reviews</i> , 2014, 8, 562-568.	4.4	5
141	Experimental verification of free-space singular boundary conditions in an invisibility cloak. <i>Journal of Optics (United Kingdom)</i> , 2016, 18, 044008.	1.0	5
142	Stable lossless polaritons on non-Hermitian optical interfaces. <i>Physical Review B</i> , 2017, 95, .	1.1	5
143	Quantum many-body simulation using monolayer exciton-polaritons in coupled-cavities. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 445703.	0.7	5
144	Chemical bonds and edge states in a metamolecular crystal. <i>Physical Review B</i> , 2018, 98, .	1.1	5

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145	Caustics from Optical Conformal Mappings. <i>Physical Review Applied</i> , 2019, 12, .	1.5	5
146	Three-Dimensional Broadband Acoustic Waveguide Cloak. <i>Chinese Physics Letters</i> , 2020, 37, 054302.	1.3	5
147	Conformal hyperbolic optics. <i>Physical Review Research</i> , 2021, 3, .	1.3	5
148	Observation of light rays on absolute geodesic lenses. <i>Optics Express</i> , 2020, 28, 20215.	1.7	5
149	A broadband perfect field rotator. <i>Frontiers of Physics</i> , 2012, 7, 315-318.	2.4	4
150	An analogy strategy for transformation optics. <i>New Journal of Physics</i> , 2014, 16, 063008.	1.2	4
151	Analysis of a conformal invisible device. <i>Frontiers of Physics</i> , 2018, 13, 1.	2.4	4
152	Photonic zero-energy modes in a metal-based Lieb lattice. <i>New Journal of Physics</i> , 2019, 21, 113046.	1.2	4
153	Multiple drains in generalized Maxwell's fisheye lenses. <i>Optics Express</i> , 2020, 28, 37218.	1.7	4
154	Conformal cloaks from a function composition. <i>Europhysics Letters</i> , 2017, 117, 34002.	0.7	3
155	Duplex Mikaelian and Duplex Maxwell's Fish-Eye Lenses. <i>Physical Review Applied</i> , 2020, 13, .	1.5	3
156	Highly Efficient Gradient Solid Immersion Lens with Large Numerical Aperture for Broadband Achromatic Deep Subwavelength Focusing and Magnified Far Field. <i>Advanced Optical Materials</i> , 2021, 9, 2100509.	3.6	3
157	Highly efficient achromatic subdiffraction focusing lens in the near field with large numerical aperture. <i>Photonics Research</i> , 2021, 9, 2088.	3.4	3
158	Effective medium theory of checkboard structures in the long-wavelength limit. <i>Chinese Optics Letters</i> , 2020, 18, 072401.	1.3	3
159	Total transmission from deep learning designs. <i>Journal of Electronic Science and Technology</i> , 2021, 20, 100146.	2.0	3
160	Phase-Gradient Metagratings via Mode Conversion. <i>Physical Review Applied</i> , 2022, 17, .	1.5	3
161	Illusion Elastics in a Fluid Background. <i>Physical Review Applied</i> , 2019, 11, .	1.5	2
162	3D broadband waveguide cloak and light squeezing in terahertz regime. <i>Optics Letters</i> , 2020, 45, 652.	1.7	2

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163	Bioinspired lenses from cats's eyes. Chinese Optics Letters, 2022, 20, 012202.	1.3	2
164	Invisibility concentrator based on van der Waals semiconductor In_2MoO_3 . Nanophotonics, 2021, .	2.9	2
165	Carpet cloak from optical conformal mapping. Science China Information Sciences, 2013, 56, 1-4.	2.7	1
166	Probing Electric Field in an Enclosed Field Mapper for Characterizing Metamaterials. International Journal of Antennas and Propagation, 2014, 2014, 1-5.	0.7	1
167	Perfect waveguide mode conversion via zero index metamaterials. Journal of Optics (United Kingdom), 2017, 19, 015102.	1.0	1
168	Elastic conformal transparency. Europhysics Letters, 2019, 125, 54003.	0.7	1
169	Multi-Core Conformal Lenses. Chinese Physics Letters, 2020, 37, 084202.	1.3	1
170	The Luneburg-Lissajous lens. Europhysics Letters, 2020, 129, 64001.	0.7	1
171	Light behaviors outside a black hole surrounded by dark matter. Europhysics Letters, 0, , .	0.7	1
172	Multifrequency superscattering pattern shaping. Chinese Optics Letters, 2021, 19, 123601.	1.3	1
173	Maxwell's fish-eye lens and its applications. , 2020, , .		1
174	Absorption characteristics of perfect absorber, electromagnetic "black hole" and inner perfectly matched layer. Wuli Xuebao/Acta Physica Sinica, 2020, 69, 154201.	0.2	1
175	Metagrating in ancient Luoyang Bridge. Europhysics Letters, 2020, 132, 24003.	0.7	1
176	Anisotropic Kepler problem in a non-rotationally-symmetric Eaton lens. Physical Review A, 2022, 105, .	1.0	1
177	Broadband achromatic aberration general conformal Luneburg lens with quasi-far-field highly efficient super-focusing. Optics Letters, 2022, 47, 3820.	1.7	1
178	de Sitter space with generalized Poincaré lens. Physical Review D, 2022, 106, .	1.6	1
179	Non-Euclidean Ideas for Broadband Invisibility. , 2009, , .		0
180	An illusion effect of Maxwell's fish-eye lens. Science China Information Sciences, 2013, 56, 1-5.	2.7	0

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181	Infinite Maxwell fish-eye in a finite area. , 2015, , .		0
182	Perovskite Lenses: Flat Lenses Based on 2D Perovskite Nanosheets (Adv. Mater. 30/2020). Advanced Materials, 2020, 32, 2070228.	11.1	0
183	Manipulating Evanescent Waves in a Gradient Waveguide. Physical Review Applied, 2020, 13, .	1.5	0
184	The geometric optical characteristics of Morse lens and its inside-out version. Journal of Optics (United Kingdom), 2021, 23, 025603.	1.0	0
185	Advances and Frontiers in Metamaterials. Frontiers in Materials, 2021, 8, .	1.2	0
186	Multi-optical effects in two-dimensional photonic crystals of metallic pairs. Europhysics Letters, 0, , .	0.7	0
187	The Dynamical Study of the Metamaterial Systems. , 2010, , 183-214.		0
188	Universal multimode waveguide crossing based on transformation optics: publisherâ€™s note. Optica, 2019, 6, 125.	4.8	0
189	Transmutation of conformal singularities. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 1592.	0.9	0
190	Highly efficient wavefront control based on extremely anisotropic materials. Journal of Optics (United Kingdom), 0, , .	1.0	0