

# Hongsheng Chen

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5141370/hongsheng-chen-publications-by-year.pdf>  
**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

144 papers	5,508 citations	41 h-index	70 g-index
161 ext. papers	7,146 ext. citations	8.1 avg, IF	5.97 L-index

#	Paper	IF	Citations
144	Quasi-BIC laser enabled by high-contrast grating resonator for gas detection. <i>Nanophotonics</i> , <b>2022</b> , 11, 297-304	6.3	7
143	Reciprocity of thermal diffusion in time-modulated systems.. <i>Nature Communications</i> , <b>2022</b> , 13, 167	17.4	4
142	Photonic matrix multiplication lights up photonic accelerator and beyond.. <i>Light: Science and Applications</i> , <b>2022</b> , 11, 30	16.7	17
141	Machine-learning-enabled metasurface for direction of arrival estimation. <i>Nanophotonics</i> , <b>2022</b> ,	6.3	10
140	Broadband Spin-Locked Metasurface Retroreflector.. <i>Advanced Science</i> , <b>2022</b> , e2201397	13.6	3
139	Heat transfer control using a thermal analogue of coherent perfect absorption.. <i>Nature Communications</i> , <b>2022</b> , 13, 2683	17.4	2
138	Dynamic recognition and mirage using neuro-metamaterials.. <i>Nature Communications</i> , <b>2022</b> , 13, 2694	17.4	6
137	Acoustic non-Hermitian skin effect from twisted winding topology. <i>Nature Communications</i> , <b>2021</b> , 12, 6297	17.4	5
136	NON-HERMITIAN SKIN EFFECT AND DELOCALIZED EDGE STATES IN PHOTONIC CRYSTALS WITH ANOMALOUS PARITY-TIME SYMMETRY. <i>Progress in Electromagnetics Research</i> , <b>2021</b> , 172, 33-40	3.8	2
135	Angle-Insensitive Toroidal Metasurface for High-Efficiency Sensing. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2021</b> , 69, 1511-1517	4.1	3
134	Realizing transmitted metasurface cloak by a tandem neural network. <i>Photonics Research</i> , <b>2021</b> , 9, B2296		18
133	Photonic Topological Valley-Locked Waveguides. <i>ACS Photonics</i> , <b>2021</b> , 8, 1400-1406	6.3	6
132	Emerging chiral optics from chiral interfaces. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	6
131	A perspective on the next generation of invisibility cloaksIntelligent cloaks. <i>Applied Physics Letters</i> , <b>2021</b> , 118, 180501	3.4	15
130	Broadband Transparent Electrode in Visible/Near-Infrared Regions. <i>ACS Photonics</i> , <b>2021</b> , 8, 2203-2210	6.3	0
129	Demonstration of Spider-Eyes-Like Intelligent Antennas for Dynamically Perceiving Incoming Waves. <i>Advanced Intelligent Systems</i> , <b>2021</b> , 3, 2100066	6	5
128	Frequency-Controlled Focusing Using Achromatic Metasurface. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2008311	13.1	17

127	Ideal type-II Weyl points in topological circuits. <i>National Science Review</i> , <b>2021</b> , 8, nwaa192	10.8	8
126	High- $Q$ Plasmonic Crystal Laser for Ultra-Sensitive Biomolecule Detection. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2021</b> , 1-1	3.8	2
125	Diffusive nonreciprocity and thermal diode. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	12
124	DIRECTIONAL POLARITONIC EXCITATION OF CIRCULAR, HUYGENS AND JANUS DIPOLES IN GRAPHENE-HEXAGONAL BORON NITRIDE HETEROSTRUCTURES. <i>Progress in Electromagnetics Research</i> , <b>2021</b> , 170, 169-176	3.8	3
123	Toggling Near-Field Directionality via Polarization Control of Surface Waves. <i>Laser and Photonics Reviews</i> , <b>2021</b> , 15, 2000388	8.3	7
122	Photonic and plasmonic transition radiation from graphene. <i>Journal of Optics (United Kingdom)</i> , <b>2021</b> , 23, 034001	1.7	3
121	Polarization Shaping of Free-Electron Radiation by Gradient Bianisotropic Metasurfaces. <i>Laser and Photonics Reviews</i> , <b>2021</b> , 15, 2000426	8.3	12
120	Negative refraction of ultra-squeezed in-plane hyperbolic designer polaritons. <i>Photonics Research</i> , <b>2021</b> , 9, 1540	6	3
119	Bianisotropic origami metasurfaces for mechanically controlled asymmetric radiation. <i>New Journal of Physics</i> , <b>2021</b> , 23, 085002	2.9	2
118	A Brewster route to Cherenkov detectors. <i>Nature Communications</i> , <b>2021</b> , 12, 5554	17.4	7
117	. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 19948-19958	4	2
116	High-Speed Efficient On-Chip Electro-Optic Modulator Based on Midinfrared Hyperbolic Metamaterials. <i>Physical Review Applied</i> , <b>2021</b> , 16,	4.3	1
115	A perspective of twisted photonic structures. <i>Applied Physics Letters</i> , <b>2021</b> , 119, 240501	3.4	4
114	Broadband enhancement of on-chip single-photon extraction via tilted hyperbolic metamaterials. <i>Applied Physics Reviews</i> , <b>2020</b> , 7, 021403	17.3	17
113	Robust waveguiding in substrate-integrated topological photonic crystals. <i>Applied Physics Letters</i> , <b>2020</b> , 116, 231106	3.4	7
112	Magnetic Metamirrors as Spatial Frequency Filters. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 5505-5511	4.9	2
111	Deep-learning-enabled self-adaptive microwave cloak without human intervention. <i>Nature Photonics</i> , <b>2020</b> , 14, 383-390	33.9	113
110	Performing optical logic operations by a diffractive neural network. <i>Light: Science and Applications</i> , <b>2020</b> , 9, 59	16.7	65

109	Ultrawideband chromatic aberration-free meta-mirrors. <i>Advanced Photonics</i> , <b>2020</b> , 3,	8.1	29
108	DESIGNER SURFACE PLASMONS ENABLE TERAHERTZ CHERENKOV RADIATION (INVITED). <i>Progress in Electromagnetics Research</i> , <b>2020</b> , 169, 25-32	3.8	16
107	Design Considerations for Si- and Ge-Stacked Nanosheet pMOSFETs Based on Quantum Transport Simulations. <i>IEEE Transactions on Electron Devices</i> , <b>2020</b> , 67, 26-32	2.9	3
106	Cross-wavelength invisibility integrated with various invisibility tactics. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	16
105	SUPERSCATTERING OF LIGHT IN REFRACTIVE-INDEX NEAR-ZERO ENVIRONMENTS. <i>Progress in Electromagnetics Research</i> , <b>2020</b> , 168, 15-23	3.8	17
104	Configurable phonon polaritons in twisted $\text{hMoO}_3$ . <i>Nature Materials</i> , <b>2020</b> , 19, 1307-1311	27	75
103	Ultra-Compact Organic Vertical-Cavity Laser With High-Contrast Grating Feedback for Gas Detection. <i>IEEE Sensors Journal</i> , <b>2020</b> , 1-1	4	
102	Chiral Plasmons with Twisted Atomic Bilayers. <i>Physical Review Letters</i> , <b>2020</b> , 125, 077401	7.4	28
101	Confined transverse-electric graphene plasmons in negative refractive-index systems. <i>Npj 2D Materials and Applications</i> , <b>2020</b> , 4,	8.8	5
100	Higher-Order Topological States in Surface-Wave Photonic Crystals. <i>Advanced Science</i> , <b>2020</b> , 7, 1902724	13.6	32
99	Mid-Infrared Nanofocusing Using Fragmented High-Order Transformation Optics. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2019</b> , 67, 6515-6522	4.9	2
98	Valley-Hall Photonic Topological Insulators with Dual-Band Kink States. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1900036	8.1	26
97	Angular-Adaptive Spin-Locked Retroreflector Based on Reconfigurable Magnetic Metagrating. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1900151	8.1	16
96	Type-I hyperbolic metasurfaces for highly-squeezed designer polaritons with negative group velocity. <i>Nature Communications</i> , <b>2019</b> , 10, 2002	17.4	13
95	Direct current remote cloak for arbitrary objects. <i>Light: Science and Applications</i> , <b>2019</b> , 8, 30	16.7	11
94	Experimental Observation of Superscattering. <i>Physical Review Letters</i> , <b>2019</b> , 122, 063901	7.4	54
93	Valley Kink States and Topological Channel Intersections in Substrate-Integrated Photonic Circuitry. <i>Laser and Photonics Reviews</i> , <b>2019</b> , 13, 1900159	8.3	24
92	Bound States in the Continuum in Fiber Bragg Gratings. <i>ACS Photonics</i> , <b>2019</b> , 6, 2996-3002	6.3	28

91	Origami Metawall: Mechanically Controlled Absorption and Deflection of Light. <i>Advanced Science</i> , <b>2019</b> , 6, 1901434	13.6	22
90	Spiral Field Generation in Smith-Purcell Radiation by Helical Metagratings. <i>Research</i> , <b>2019</b> , 2019, 3806132.8	13.8	14
89	Experimental Realization of an Extreme-Parameter Omnidirectional Cloak. <i>Research</i> , <b>2019</b> , 2019, 82826418	14.8	8
88	Spiral Field Generation in Smith-Purcell Radiation by Helical Metagratings. <i>Research</i> , <b>2019</b> , 2019, 1-8	7.8	2
87	Transverse photon spin of bulk electromagnetic waves in bianisotropic media. <i>Nature Photonics</i> , <b>2019</b> , 13, 878-882	33.9	21
86	Realization of a three-dimensional photonic topological insulator. <i>Nature</i> , <b>2019</b> , 565, 622-626	50.4	148
85	Spoof Surface Plasmonic Graphene for Controlling the Transports and Emissions of Electromagnetic Waves. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2019</b> , 67, 50-56	4.1	5
84	Multifrequency Superscattering from Subwavelength Hyperbolic Structures. <i>ACS Photonics</i> , <b>2018</b> , 5, 1506-1511	6.3	46
83	3D Visible-Light Invisibility Cloak. <i>Advanced Science</i> , <b>2018</b> , 5, 1800056	13.6	20
82	Group-Velocity-Controlled and Gate-Tunable Directional Excitation of Polaritons in Graphene-Boron Nitride Heterostructures. <i>Laser and Photonics Reviews</i> , <b>2018</b> , 12, 1800049	8.3	38
81	Experimental discovery of nodal chains. <i>Nature Physics</i> , <b>2018</b> , 14, 461-464	16.2	81
80	Toroidal Localized Spoof Plasmons on Compact Metadisks. <i>Advanced Science</i> , <b>2018</b> , 5, 1700487	13.6	21
79	Confined transverse electric phonon polaritons in hexagonal boron nitrides. <i>2D Materials</i> , <b>2018</b> , 5, 0150189	15.9	20
78	Multi-frequency metasurface carpet cloaks. <i>Optics Express</i> , <b>2018</b> , 26, 14123-14131	3.3	33
77	Dispersion engineering of hyperbolic plasmons in bilayer 2D materials. <i>Optics Letters</i> , <b>2018</b> , 43, 5737-5740	3.0	9
76	Group-Velocity-Controlled and Gate-Tunable Directional Excitation of Polaritons in Graphene-Boron Nitride Heterostructures (Laser Photonics Rev. 12(5)/2018). <i>Laser and Photonics Reviews</i> , <b>2018</b> , 12, 1870024	8.3	2
75	Large modulation capacity in graphene-based slot modulators by enhanced hybrid plasmonic effects. <i>Scientific Reports</i> , <b>2018</b> , 8, 16830	4.9	3
74	Diodelike Spin-Orbit Interactions of Light in Chiral Metasurfaces. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 7148-7155	4.9	16

- 73 Kirigami metamaterials for reconfigurable toroidal circular dichroism. *NPG Asia Materials*, **2018**, 10, 888-898, 39
- 72 Interferenceless Polarization Splitting Through Nanoscale van der Waals Heterostructures. *Physical Review Applied*, **2018**, 10, 4-3 10
- 71 Controlling Cherenkov angles with resonance transition radiation. *Nature Physics*, **2018**, 14, 816-821 16.2 54
- 70 Design of Ultracompact Graphene-Based Superscatterers. *IEEE Journal of Selected Topics in Quantum Electronics*, **2017**, 23, 130-137 3.8 19
- 69 Splashing transients of 2D plasmons launched by swift electrons. *Science Advances*, **2017**, 3, e1601192 14.3 52
- 68 Origami-Based Reconfigurable Metamaterials for Tunable Chirality. *Advanced Materials*, **2017**, 29, 1700412 129
- 67 Chiral metamirrors for broadband spin-selective absorption. *Applied Physics Letters*, **2017**, 110, 231103 3-4 53
- 66 All-angle negative refraction of highly squeezed plasmon and phonon polaritons in graphene-boron nitride heterostructures. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 6717-6721 11.5 107
- 65 Bifunctional acoustic metamaterial lens designed with coordinate transformation. *Applied Physics Letters*, **2017**, 110, 113503 3-4 27
- 64 Improved Hybrid Leapfrog ADI-FDTD Method for Simulating Near-Field Coupling Effects Among Multiple Thin Wire Monopole Antennas on a Complex Platform. *IEEE Transactions on Electromagnetic Compatibility*, **2017**, 59, 618-626 2 6
- 63 Graphene-Piezoelectric Material Heterostructure for Harvesting Energy from Water Flow. *Advanced Functional Materials*, **2017**, 27, 1604226 15.6 89
- 62 Transformation Optics: From Classic Theory and Applications to its New Branches. *Laser and Photonics Reviews*, **2017**, 11, 1700034 8.3 34
- 61 Hyperbolic spoof plasmonic metasurfaces. *NPG Asia Materials*, **2017**, 9, e428-e428 10.3 77
- 60 Non-contact method to freely control the radiation patterns of antenna with multi-folded transformation optics. *Scientific Reports*, **2017**, 7, 13171 4-9 7
- 59 Gradient Chiral Metamirrors for Spin-Selective Anomalous Reflection. *Laser and Photonics Reviews*, **2017**, 11, 1700115 8.3 61
- 58 Designing optimal nanofocusing with a gradient hyperlens. *Nanophotonics*, **2017**, 7, 479-487 6.3 14
- 57 Fully Coupled Multiphysics Simulation of Crosstalk Effect in Bipolar Resistive Random Access Memory. *IEEE Transactions on Electron Devices*, **2017**, 64, 3647-3653 2.9 19
- 56 Observing the transient buildup of a superscatterer in the time domain. *Optics Express*, **2017**, 25, 4967-4974 3.4 4

55	Transverse-electric Brewster effect enabled by nonmagnetic two-dimensional materials. <i>Physical Review A</i> , <b>2016</b> , 94,	2.6	20
54	Triboelectrification-Induced Large Electric Power Generation from a Single Moving Droplet on Graphene/Polytetrafluoroethylene. <i>ACS Nano</i> , <b>2016</b> , 10, 7297-302	16.7	112
53	Non-contact radio frequency shielding and wave guiding by multi-folded transformation optics method. <i>Scientific Reports</i> , <b>2016</b> , 6, 36846	4.9	9
52	Probing topological protection using a designer surface plasmon structure. <i>Nature Communications</i> , <b>2016</b> , 7, 11619	17.4	150
51	A metasurface carpet cloak for electromagnetic, acoustic and water waves. <i>Scientific Reports</i> , <b>2016</b> , 6, 20219	4.9	127
50	Concealing arbitrary objects remotely with multi-folded transformation optics. <i>Light: Science and Applications</i> , <b>2016</b> , 5, e16177	16.7	44
49	Transient response of a signal through a dispersive invisibility cloak. <i>Optics Letters</i> , <b>2016</b> , 41, 4911-4914	3	11
48	Full-Polarization 3D Metasurface Cloak with Preserved Amplitude and Phase. <i>Advanced Materials</i> , <b>2016</b> , 28, 6866-71	24	186
47	Formation mechanism of guided resonances and bound states in the continuum in photonic crystal slabs. <i>Scientific Reports</i> , <b>2016</b> , 6, 31908	4.9	64
46	Tailoring the energy distribution and loss of 2D plasmons. <i>New Journal of Physics</i> , <b>2016</b> , 18, 105007	2.9	30
45	A broadband polygonal cloak for acoustic wave designed with linear coordinate transformation. <i>Journal of the Acoustical Society of America</i> , <b>2016</b> , 140, 95	2.2	20
44	Circular Dichroism Metamirrors with Near-Perfect Extinction. <i>ACS Photonics</i> , <b>2016</b> , 3, 2096-2101	6.3	162
43	Manipulating Smith-Purcell Emission with Babinet Metasurfaces. <i>Physical Review Letters</i> , <b>2016</b> , 117, 157401	4.1	70
42	Electrothermal Effects on Hot-Carrier Reliability in SOI MOSFETs AC Versus Circuit-Speed Random Stress. <i>IEEE Transactions on Electron Devices</i> , <b>2016</b> , 63, 3669-3676	2.9	13
41	Electronic structures of multilayer two-dimensional silicon carbide with oriented misalignment. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 9057-9062	7.1	20
40	A Full-Parameter, Broadband, Homogeneous, and Compact Waveguide Coupler Designed With Transformation Optics. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2015</b> , 14, 634-637	3.8	6
39	Large-Scale Far-Infrared Invisibility Cloak Hiding Object from Thermal Detection. <i>Advanced Optical Materials</i> , <b>2015</b> , 3, 1738-1742	8.1	19
38	Interface designed MoS <sub>2</sub> /GaAs heterostructure solar cell with sandwich stacked hexagonal boron nitride. <i>Scientific Reports</i> , <b>2015</b> , 5, 15103	4.9	87

37	REVIEW OF BLACK HOLE REALIZATION IN LABORATORY BASE ON TRANSFORMATION OPTICS (INVITED PAPER). <i>Progress in Electromagnetics Research</i> , <b>2015</b> , 154, 181-193	3.8	13
36	Broadband surface-wave transformation cloak. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 7635-8	11.5	47
35	A meta-substrate to enhance the bandwidth of metamaterials. <i>Scientific Reports</i> , <b>2014</b> , 4, 5264	4.9	5
34	A circuit method to integrate metamaterial and graphene in absorber design. <i>Optics Communications</i> , <b>2014</b> , 329, 76-80	2	51
33	Highly Directional Small-Size Antenna Designed with Homogeneous Transformation Optics. <i>International Journal of Antennas and Propagation</i> , <b>2014</b> , 2014, 1-6	1.2	5
32	Ultra-compact optical modulator by graphene induced electro-refraction effect. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 061116	3.4	99
31	Ab initio study of electronic and optical behavior of two-dimensional silicon carbide. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 2131	7.1	111
30	Ray-optics cloaking devices for large objects in incoherent natural light. <i>Nature Communications</i> , <b>2013</b> , 4, 2652	17.4	112
29	Ab initio optical study of graphene on hexagonal boron nitride and fluorographene substrates. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 1618	7.1	35
28	Propagation of electromagnetic fields in bulk terahertz metamaterials: A combined experimental and theoretical study. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	7
27	Functional multi-band THz meta-foils. <i>Scientific Reports</i> , <b>2013</b> , 3, 3531	4.9	6
26	Experimental demonstration of a free-space cylindrical cloak without superluminal propagation. <i>Physical Review Letters</i> , <b>2012</b> , 109, 223903	7.4	79
25	Ultraviolet dielectric hyperlens with layered graphene and boron nitride. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 15863		28
24	Quantum and thermo-mechanical noise squeezing in nanoresonators: A comparative study. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 023105	3.4	1
23	Electronic transport anisotropy of buckling graphene under uniaxial compressive strain: Ab initio study. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 052111	3.4	5
22	In-plane and tunneling pressure sensors based on graphene/hexagonal boron nitride heterostructures. <i>Applied Physics Letters</i> , <b>2011</b> , 99, 133109	3.4	65
21	MULTI-BAND AND POLARIZATION INSENSITIVE METAMATERIAL ABSORBER. <i>Progress in Electromagnetics Research</i> , <b>2011</b> , 113, 103-110	3.8	115
20	Flipping photons backward: reversed Cherenkov radiation. <i>Materials Today</i> , <b>2011</b> , 14, 34-41	21.8	45



19	Gain-assisted metamaterial embedded with gain elements. <i>Microwave and Optical Technology Letters</i> , <b>2010</b> , 52, 92-95	1.2	1
18	WAVE AND RAY ANALYSIS OF A TYPE OF CLOAK EXHIBITING MAGNIFIED AND SHIFTED SCATTERING EFFECT. <i>Progress in Electromagnetics Research</i> , <b>2009</b> , 95, 167-178	3.8	33
17	Controlling the field distribution in waveguides with transformation optics. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 234101	3.4	7
16	One-Directional Perfect Cloak Created With Homogeneous Material. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2009</b> , 19, 131-133	2.6	84
15	Experimental verification of reversed Cherenkov radiation in left-handed metamaterial. <i>Physical Review Letters</i> , <b>2009</b> , 103, 194801	7.4	145
14	Visualization of Negative Refraction in Chiral Nihility Media. <i>IEEE Antennas and Propagation Magazine</i> , <b>2009</b> , 51, 79-87	1.7	11
13	High-directivity antenna with small antenna aperture. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 193506	3.4	59
12	New Concept Conformal Antennas Utilizing Metamaterial and Transformation Optics. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2008</b> , 7, 509-512	3.8	30
11	Extraordinary surface voltage effect in the invisibility cloak with an active device inside. <i>Physical Review Letters</i> , <b>2008</b> , 100, 063904	7.4	83
10	Electromagnetic wave interactions with a metamaterial cloak. <i>Physical Review Letters</i> , <b>2007</b> , 99, 063903	7.4	355
9	Surface wave suppression in antenna systems using magnetic metamaterial. <i>Journal of Applied Physics</i> , <b>2007</b> , 101, 114913	2.5	16
8	Beam shifting experiment for the characterization of left-handed properties. <i>Journal of Applied Physics</i> , <b>2004</b> , 95, 2238-2241	2.5	26
7	Metamaterial exhibiting left-handed properties over multiple frequency bands. <i>Journal of Applied Physics</i> , <b>2004</b> , 96, 5338-5340	2.5	79
6	Left-handed materials composed of only S-shaped resonators. <i>Physical Review E</i> , <b>2004</b> , 70, 057605	2.4	285
5	Experimental confirmation of negative refractive index of a metamaterial composed of like metallic patterns. <i>Applied Physics Letters</i> , <b>2004</b> , 84, 1537-1539	3.4	189
4	Broadband Janus Scattering from Tilted Dipolar Metagratings. <i>Laser and Photonics Reviews</i> , <b>2010</b> , 369	8.3	5
3	In Situ Customized Illusion Enabled by Global Metasurface Reconstruction. <i>Advanced Functional Materials</i> , <b>2010</b> , 209331	15.6	4
2	Diffusive topological transport in spatiotemporal thermal lattices. <i>Nature Physics</i> ,	16.2	5

- 1 Deep Neural Network with Data Cropping Algorithm for Absorptive Frequency-Selective Transmission Metasurface. *Advanced Optical Materials*, 2200178

8.1 1