

Che Ting Chan

List of Publications by Year in descending order

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393
papers

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citations

4120

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all docs

399
docs citations

399
times ranked

17435
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical pulling using topologically protected one way transport surface-arc waves. Physical Review B, 2022, 105, .	1.1	7
2	Superhybrid Mode-Enhanced Optical Torques on Mie-Resonant Particles. Nano Letters, 2022, 22, 1769-1777.	4.5	17
3	Multifunctional Virus Manipulation with Large-Scale Arrays of All-Dielectric Resonant Nanocavities. Laser and Photonics Reviews, 2022, 16, .	4.4	23
4	Classical non-Abelian braiding of acoustic modes. Nature Physics, 2022, 18, 179-184.	6.5	32
5	On-chip nanophotonic topological rainbow. Nature Communications, 2022, 13, 2586.	5.8	43
6	Topology in non-Hermitian Chern insulators with skin effect. Physical Review B, 2022, 105, .	1.1	18
7	Merging bound states in the continuum by harnessing higher-order topological charges. Light: Science and Applications, 2022, 11, .	7.7	38
8	Edge states in plasmonic meta-arrays. Nanophotonics, 2022, .	2.9	5
9	Casimir-Induced Instabilities at Metallic Surfaces and Interfaces. Physical Review Letters, 2021, 126, 046802.	2.9	1
10	Strong geometry dependence of the Casimir force between interpenetrated rectangular gratings. Nature Communications, 2021, 12, 600.	5.8	27
11	Topological One-Way Large-Area Waveguide States in Magnetic Photonic Crystals. Physical Review Letters, 2021, 126, 067401.	2.9	53
12	Robust Acoustic Pulling Using Chiral Surface Waves. Physical Review Applied, 2021, 15, .	1.5	8
13	Momentum space toroidal moment in a photonic metamaterial. Nature Communications, 2021, 12, 1784.	5.8	16
14	Topological Rainbow Concentrator Based on Synthetic Dimension. Physical Review Letters, 2021, 126, 113902.	2.9	77
15	Intrinsic in-plane nodal chain and generalized quaternion charge protected nodal link in photonics. Light: Science and Applications, 2021, 10, 83.	7.7	32
16	Experimental observation of non-Abelian topological charges and edge states. Nature, 2021, 594, 195-200.	18.7	61
17	Optical forces on a cylinder induced by surface waves and the conservation of the canonical momentum of light. Optics Express, 2021, 29, 20590.	1.7	4
18	Chiral transport of pseudospinors induced by synthetic gravitational field in photonic Weyl metamaterials. Physical Review B, 2021, 104, .	1.1	7

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19	Ways to achieve efficient non-local vortex beam generation. <i>Nanophotonics</i> , 2021, 10, 4297-4304.	2.9	7
20	Electromagnetic energyâ€“momentum tensors in general dispersive bianisotropic media. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2021, 38, 3135.	0.9	5
21	Dirac-like cone-based electromagnetic zero-index metamaterials. <i>Light: Science and Applications</i> , 2021, 10, 203.	7.7	50
22	PT Symmetry Induced Rings of Lasing Threshold Modes Embedded with Discrete Bound States in the Continuum. <i>Chinese Physics Letters</i> , 2021, 38, 084203.	1.3	10
23	Shifting beams at normal incidence via controlling momentum-space geometric phases. <i>Nature Communications</i> , 2021, 12, 6046.	5.8	25
24	Four-band non-Abelian topological insulator and its experimental realization. <i>Nature Communications</i> , 2021, 12, 6471.	5.8	14
25	Non-Hermitian physics for optical manipulation uncovers inherent instability of large clusters. <i>Nature Communications</i> , 2021, 12, 6597.	5.8	18
26	Near-Field Energy Transfer between Graphene and Magneto-Optic Media. <i>Physical Review Letters</i> , 2021, 127, 247401.	2.9	19
27	Effective medium theory for a photonic pseudospin-1/2 system. <i>Physical Review B</i> , 2020, 102, .	1.1	11
28	Exceptional nexus with a hybrid topological invariant. <i>Science</i> , 2020, 370, 1077-1080.	6.0	104
29	Hamiltonian Hopping for Efficient Chiral Mode Switching in Encircling Exceptional Points. <i>Physical Review Letters</i> , 2020, 125, 187403.	2.9	44
30	Hidden-symmetry-enforced nexus points of nodal lines in layer-stacked dielectric photonic crystals. <i>Light: Science and Applications</i> , 2020, 9, 176.	7.7	15
31	Coexistence of a new type of bound state in the continuum and a lasing threshold mode induced by PT symmetry. <i>Science Advances</i> , 2020, 6, eabc1160.	4.7	48
32	Optofluidic Microengine in A Dynamic Flow Environment via Self-Induced Back-Action. <i>ACS Photonics</i> , 2020, 7, 1500-1507.	3.2	12
33	Acoustic metamaterials with spinning components. <i>Physical Review B</i> , 2020, 101, .	1.1	18
34	Deterministic Scheme for Two-Dimensional Type-II Dirac Points and Experimental Realization in Acoustics. <i>Physical Review Letters</i> , 2020, 124, 075501.	2.9	19
35	Photonic crystals and topological photonics. <i>Frontiers of Optoelectronics</i> , 2020, 13, 2-3.	1.9	2
36	Exceptional points make an astroid in non-Hermitian Lieb lattice: Evolution and topological protection. <i>Physical Review B</i> , 2020, 102, .	1.1	22

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37	Exceptional point-based plasmonic metasurfaces for vortex beam generation. Optics Express, 2020, 28, 503.	1.7	15
38	Exceptional cones in 4D parameter space. Optics Express, 2020, 28, 1758.	1.7	16
39	Chaotic photon spheres in non-Euclidean billiard. Nanophotonics, 2020, 9, 3367-3372.	2.9	4
40	Topological Properties of Photonic Crystals. , 2020, , 243-279.		1
41	Anomalous Anderson localization behavior in gain-loss balanced non-Hermitian systems. Nanophotonics, 2020, 10, 443-452.	2.9	2
42	Non-Abelian gauge field optics. Nature Communications, 2019, 10, 3125.	5.8	46
43	Interlayer Topological Transport and Devices Based on Layer Pseudospins in Photonic Valley Hall Phases. Advanced Optical Materials, 2019, 7, 1900872.	3.6	19
44	Broadband Microwave Absorption by Logarithmic Spiral Metasurface. Scientific Reports, 2019, 9, 14078.	1.6	10
45	Highly degenerate photonic flat bands arising from complete graph configurations. Physical Review A, 2019, 100, .	1.0	7
46	Exceptional points and their coalescence of PT -symmetric interface states in photonic crystals. Physical Review B, 2019, 100, .	1.1	12
47	Dynamically encircling an exceptional point in anti-parity-time symmetric systems: asymmetric mode switching for symmetry-broken modes. Light: Science and Applications, 2019, 8, 88.	7.7	128
48	Nanophotonic Array-Induced Dynamic Behavior for Label-Free Shape-Selective Bacteria Sieving. ACS Nano, 2019, 13, 12070-12080.	7.3	48
49	Nonuniversal critical behavior in disordered pseudospin-1 systems. Physical Review B, 2019, 99, .	1.1	8
50	Experimental demonstration of angular momentum-dependent topological transport using a transmission line network. Nature Communications, 2019, 10, 434.	5.8	14
51	Reversal of transmission and reflection based on acoustic metagratings with integer parity design. Nature Communications, 2019, 10, 2326.	5.8	135
52	Observation of Three-Dimensional Photonic Dirac Points and Spin-Polarized Surface Arcs. Physical Review Letters, 2019, 122, 203903.	2.9	51
53	Metric-Torsion Duality of Optically Chiral Structures. Physical Review Letters, 2019, 122, 200201.	2.9	9
54	Dynamically encircling exceptional points in a three-mode waveguide system. Communications Physics, 2019, 2, .	2.0	47

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55	Distinct outcomes by dynamically encircling an exceptional point along homotopic loops. <i>Physical Review A</i> , 2019, 99, .	1.0	12
56	Anisotropic exceptional points of arbitrary order. <i>Physical Review B</i> , 2019, 99, .	1.1	32
57	Arbitrary order exceptional point induced by photonic spin-orbit interaction in coupled resonators. <i>Nature Communications</i> , 2019, 10, 832.	5.8	85
58	Topological phases in acoustic and mechanical systems. <i>Nature Reviews Physics</i> , 2019, 1, 281-294.	11.9	489
59	Prediction of Topological Invariants in Photonic Crystals Using Machine Learning. , 2019, , .		2
60	Photonic topological semimetals in bianisotropic metamaterials. <i>Scientific Reports</i> , 2019, 9, 18312.	1.6	11
61	Pseudospin-1 Physics of Photonic Crystals. <i>Research</i> , 2019, 2019, 1-15.	2.8	6
62	Pseudospin-1 Physics of Photonic Crystals. <i>Research</i> , 2019, 2019, 3054062.	2.8	13
63	Optical forces, torques, and force densities calculated at a microscopic level using a self-consistent hydrodynamics method. <i>Physical Review B</i> , 2018, 97, .	1.1	8
64	Topological transport of sound mediated by spin-redirected geometric phase. <i>Science Advances</i> , 2018, 4, eaq1475.	4.7	41
65	Nanocorrugation-Induced Forces between Electrically Neutral Metallic Objects. <i>ACS Nano</i> , 2018, 12, 804-812.	7.3	2
66	A band of bound states in the continuum induced by disorder. <i>Scientific Reports</i> , 2018, 8, 5160.	1.6	17
67	Repulsive forces between neutral surfaces induced by adatoms. <i>Physical Review B</i> , 2018, 98, .	1.1	1
68	Switching Terahertz Waves using Exceptional Points. <i>Physical Review Applied</i> , 2018, 10, .	1.5	9
69	Hybrid exceptional point and its dynamical encircling in a two-state system. <i>Physical Review A</i> , 2018, 98, .	1.0	22
70	Metamaterials with index ellipsoids at arbitrary k-points. <i>Nature Communications</i> , 2018, 9, 2086.	5.8	22
71	Product design: Nanoparticle-loaded polyvinyl butyral interlayer for solar control. <i>AIChE Journal</i> , 2018, 64, 3614-3624.	1.8	3
72	Closed-form expressions for effective constitutive parameters: Electrostrictive and magnetostrictive tensors for bianisotropic metamaterials and their use in optical force density calculations. <i>Physical Review B</i> , 2018, 98, .	1.1	6

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73	Topological interface modes in local resonant acoustic systems. <i>Physical Review B</i> , 2018, 98, .	1.1	63
74	Experimental Observation of Acoustic Weyl Points and Topological Surface States. <i>Physical Review Applied</i> , 2018, 10, .	1.5	64
75	Type-II Dirac Photons at Metasurfaces. <i>Physical Review Letters</i> , 2018, 121, 024301.	2.9	34
76	Measurement of Mechanical Deformations Induced by Enhanced Electromagnetic Stress on a Parallel Metallic-Plate System. <i>Physical Review Letters</i> , 2018, 121, 035502.	2.9	1
77	Photonic Floquet media with a complex time-periodic permittivity. <i>Physical Review B</i> , 2018, 98, .	1.1	42
78	Experimental Demonstration of an Anisotropic Exceptional Point. <i>Physical Review Letters</i> , 2018, 121, 085702.	2.9	80
79	A minimal discrete model for toroidal moments and its experimental realization. <i>Physical Review B</i> , 2017, 95, .	1.1	23
80	Electromagnetic sensors from algebraic corner vortex generation in polygonal plates. <i>Applied Physics Letters</i> , 2017, 110, 011107.	1.5	0
81	Measurement of non-monotonic Casimir forces between silicon nanostructures. <i>Nature Photonics</i> , 2017, 11, 97-101.	15.6	93
82	Anomalous Anderson localization behaviors in disordered pseudospin systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4087-4092.	3.3	27
83	Multiple Weyl points and the sign change of their topological charges in woodpile photonic crystals. <i>Physical Review B</i> , 2017, 95, .	1.1	63
84	Plasmonic modes of polygonal rods calculated using a quantum hydrodynamics method. <i>Physical Review B</i> , 2017, 96, .	1.1	17
85	Exceptional points and symmetry recovery in a two-state system. <i>Physical Review A</i> , 2017, 96, .	1.0	11
86	Topological Subspace-Induced Bound State in the Continuum. <i>Physical Review Letters</i> , 2017, 118, 166803.	2.9	125
87	Understanding the role of surface plasmon polaritons in two-dimensional achiral nanohole arrays for polarization conversion. <i>Physical Review B</i> , 2017, 95, .	1.1	20
88	Manipulating Unidirectional Edge States Via Magnetic Plasmonic Gradient Metasurfaces. <i>Plasmonics</i> , 2017, 12, 1079-1090.	1.8	17
89	Tailoring Optical Gradient Force and Optical Scattering and Absorption Force. <i>Scientific Reports</i> , 2017, 7, 18042.	1.6	51
90	Do photons push or pull a boundary?. , 2017, , .		0

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91	Controlling interface states in 1D photonic crystals by tuning bulk geometric phases. Optics Letters, 2017, 42, 1500.	1.7	24
92	Chapter 4 Control of Electromagnetic Flux in Inhomogeneous Anisotropic Media. , 2016, , 117-156.		0
93	The existence of topological edge states in honeycomb plasmonic lattices. New Journal of Physics, 2016, 18, 103029.	1.2	36
94	Simultaneous realization of a coherent perfect absorber and laser by zero-index media with both gain and loss. Physical Review A, 2016, 94, .	1.0	51
95	Lateral optical binding between two colloidal particles. Scientific Reports, 2016, 6, 38883.	1.6	16
96	Strong optical force acting on a dipolar particle over a multilayer substrate. Optics Express, 2016, 24, 2235.	1.7	19
97	Topological interface states in multiscale spoof-insulator-spoof waveguides. Optics Letters, 2016, 41, 3698.	1.7	21
98	Superlens induced loss-insensitive optical force. Optics Express, 2016, 24, 13992.	1.7	1
99	Ultrasensitive Media and Transformation Optics with Shifted Spatial Dispersions. Physical Review Letters, 2016, 117, 223901.	2.9	63
100	Geometric phase induced interface states in mutually inverted two-dimensional photonic crystals. Physical Review B, 2016, 93, .	1.1	28
101	Effective impedance for predicting the existence of surface states. Physical Review B, 2016, 93, .	1.1	4
102	Angular selection of incident waves by photonic crystals with position-varying Dirac points at the Brillouin zone boundary. Physical Review B, 2016, 93, .	1.1	17
103	Scattering of electromagnetic waves from surfaces with conformal mapping: An example of a triangular plate. Physical Review E, 2016, 93, 033302.	0.8	6
104	Klein tunneling and supercollimation of pseudospin-1 electromagnetic waves. Physical Review B, 2016, 93, .	1.1	93
105	Measurement of the Zak phase of photonic bands through the interface states of a metasurface/photonic crystal. Physical Review B, 2016, 93, .	1.1	80
106	Unidirectionally molding electromagnetic waves with magnetic metamaterials and metasurfaces. , 2016, , .		0
107	Photonic crystals possessing multiple Weyl points and the experimental observation of robust surface states. Nature Communications, 2016, 7, 13038.	5.8	202
108	Electromagnetic stress at the boundary: Photon pressure or tension?. Science Advances, 2016, 2, e1501485.	4.7	30

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109	Multipolar Effects in the Optical Active Second Harmonic Generation from Sawtooth Chiral Metamaterials. Scientific Reports, 2016, 6, 22061.	1.6	9
110	Giant plasmonic circular dichroism in Ag staircase nanostructures. Optics Express, 2015, 23, 33065.	1.7	17
111	Optical force on toroidal nanostructures: Toroidal dipole versus renormalized electric dipole. Physical Review A, 2015, 92, .	1.0	37
112	Nonreciprocal $\frac{1}{4}$ -near-zero mode in PT-symmetric magnetic domains. Physical Review B, 2015, 91, .	1.1	12
113	Analytic derivation of electrostrictive tensors and their application to optical force density calculations. Physical Review B, 2015, 91, .	1.1	20
114	Coalescence of exceptional points and phase diagrams for one-dimensional P - T -symmetric photonic crystals. Physical Review B, 2015, 92, .	1.1	125
115	Direct Measurement of Optical Force Induced by Near-Field Plasmonic Cavity Using Dynamic Mode AFM. Scientific Reports, 2015, 5, 16216.	1.6	21
116	Design of full- k -space flat bands in photonic crystals beyond the tight-binding picture. Scientific Reports, 2015, 5, 18181.	1.6	25
117	Unusual percolation threshold of electromagnetic waves in double- ϵ zero medium embedded with random inclusions. Laser and Photonics Reviews, 2015, 9, 523-529.	4.4	31
118	Manipulation of the polarization of Terahertz wave in subwavelength regime. Scientific Reports, 2015, 5, 8306.	1.6	5
119	Determination of Zak phase by reflection phase in 1D photonic crystals. Optics Letters, 2015, 40, 5259.	1.7	75
120	The Emergence of Dirac points in Photonic Crystals with Mirror Symmetry. Scientific Reports, 2015, 5, 8186.	1.6	55
121	Geometric phase and band inversion in periodic acoustic systems. Nature Physics, 2015, 11, 240-244.	6.5	498
122	Enhancement of polarizabilities of cylinders with cylinder-slab resonances. Scientific Reports, 2015, 5, 8189.	1.6	3
123	Conical Dispersion and Effective Zero Refractive Index in Photonic Quasicrystals. Physical Review Letters, 2015, 114, 163901.	2.9	73
124	Goos-Hänchen effect in epsilon-near-zero metamaterials. Scientific Reports, 2015, 5, 8681.	1.6	74
125	Topological edge plasmon modes between diatomic chains of plasmonic nanoparticles. Optics Express, 2015, 23, 2021.	1.7	111
126	Topological edge modes in multilayer graphene systems. Optics Express, 2015, 23, 21585.	1.7	40

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127	Symmetry-protected transport in a pseudospin-polarized waveguide. Nature Communications, 2015, 6, 8183.	5.8	45
128	Synthetic gauge flux and Weyl points in acoustic systems. Nature Physics, 2015, 11, 920-924.	6.5	318
129	Meta-materials with zero refractive index. , 2014, , .		0
130	Additional waves in the graphene layered medium. Optics Express, 2014, 22, 31677.	1.7	8
131	Phonon spectrum and electron-phonon coupling in zigzag graphene nanoribbons. Physical Review B, 2014, 89, .	1.1	7
132	Experimental realization of photonic topological insulator in a uniaxial metacrystal waveguide. Nature Communications, 2014, 5, 5782.	5.8	393
133	Measurement of Enhanced Radiation Force on a Parallel Metallic-Plate System in the Microwave Regime. Physical Review Letters, 2014, 112, 045504.	2.9	7
134	Plasmonlike resonances in atomic chains: A time-dependent density-functional theory study. Physical Review B, 2014, 90, .	1.1	8
135	Realization of optical pulling forces using chirality. Physical Review A, 2014, 89, .	1.0	91
136	Arbitrary Control of Electromagnetic Flux in Inhomogeneous Anisotropic Media with Near-Zero Index. Physical Review Letters, 2014, 112, 073903.	2.9	84
137	Lateral optical force on chiral particles near a surface. Nature Communications, 2014, 5, 3307.	5.8	267
138	Sufficient condition for the existence of interface states in some two-dimensional photonic crystals. Physical Review B, 2014, 90, .	1.1	56
139	Broadband focusing and collimation of water waves by zero refractive index. Scientific Reports, 2014, 4, 6979.	1.6	21
140	Negative Optical Torque. Scientific Reports, 2014, 4, 6386.	1.6	51
141	Creating Illusion Effects Using Transformation Optics. , 2014, , 139-165.		0
142	Light Amplification with Low-Gain Material: Harvesting Harmonic Resonance Modes of Surface Plasmon Polaritons on a Magnetic Meta-Surface. Plasmonics, 2013, 8, 793-796.	1.8	3
143	Thermal coherence properties of topological insulator slabs in time-reversal symmetry breaking fields. Physical Review B, 2013, 87, .	1.1	6
144	Microwave-induced elastic deformation of a metallic thin film. Journal Physics D: Applied Physics, 2013, 46, 395104.	1.3	3

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145	On the time evolution of the cloaking effect of a metamaterial slab. Optics Letters, 2012, 37, 4594.	1.7	10
146	Enhanced electromagnetic pressure in a sandwiched reflection grating. Physical Review B, 2012, 86, .	1.1	14
147	On the transition between complementary medium and zero-refractive-index medium. Europhysics Letters, 2012, 99, 67002.	0.7	2
148	First-principles study of Dirac and Dirac-like cones in phononic and photonic crystals. Physical Review B, 2012, 86, .	1.1	242
149	Dirac cones at $k\hat{t}' =$ in acoustic crystals and zero refractive index acoustic materials. Applied Physics Letters, 2012, 100, .	1.5	130
150	Deep subwavelength Fabry-Perot-like resonances in a sandwiched reflection grating. Physical Review B, 2012, 85, .	1.1	23
151	Dirac Dispersion in Two-Dimensional Photonic Crystals. Advances in OptoElectronics, 2012, 2012, 1-11.	0.6	66
152	Strong Light-Induced Negative Optical Pressure Arising from Kinetic Energy of Conduction Electrons in Plasmon-Type Cavities. Physical Review Letters, 2011, 106, 087401.	2.9	41
153	Manipulating sources using transformation optics with "folded geometry"™. Journal of Optics (United Tj ETQq1_1 0.784314 rgBT 1.0 17	1.0	17
154	Negative Effective Gravity in Water Waves by Periodic Resonator Arrays. Physical Review Letters, 2011, 106, 174501.	2.9	39
155	Linear and nonlinear Fano resonance on two-dimensional magnetic metamaterials. Physical Review B, 2011, 84, .	1.1	38
156	CHIRAL PHOTONIC AND PLASMONIC STRUCTURES. World Scientific Series in Nanoscience and Nanotechnology, 2011, , 45-66.	0.1	0
157	Spin-polarized electron transport through graphene nanoribbon with zigzag edges. Journal of Physics Condensed Matter, 2011, 23, 205304.	0.7	8
158	Analytical properties of the plasmon decay profile in a periodic metal-nanoparticle chain. Optics Letters, 2011, 36, 2206.	1.7	19
159	Near Field Imaging from Multilayer Lens. Journal of Nanoscience and Nanotechnology, 2011, 11, 10725-10728.	0.9	2
160	Dirac cones induced by accidental degeneracy in photonic crystals and zero-refractive-index materials. Nature Materials, 2011, 10, 582-586.	13.3	815
161	Optical pulling force. Nature Photonics, 2011, 5, 531-534.	15.6	568
162	PHOTONIC MOLECULES ORGANIZED BY LIGHT. , 2011, , 113-140.		0

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163	Metallic Helix Array as a Broadband Wave Plate. Physical Review Letters, 2011, 107, 177401.	2.9	78
164	Dirac cones at k phononic crystals. Physical Review B, 2011, 84, .	1.1	84
165	Sizable electromagnetic forces in parallel-plate metallic cavity. Physical Review B, 2011, 84, .	1.1	23
166	Metamaterial slab as a lens, a cloak, or an intermediate. Physical Review B, 2011, 83, .	1.1	25
167	Propagation dynamics of femtosecond pulse through subwavelength metallic hole arrays. Physical Review B, 2011, 83, .	1.1	3
168	Illusion optics. Frontiers of Physics in China, 2010, 5, 308-318.	1.0	20
169	Non-Euclidean Cloaking for Light Waves. IEEE Journal of Selected Topics in Quantum Electronics, 2010, 16, 418-426.	1.9	19
170	Transformation optics and metamaterials. Nature Materials, 2010, 9, 387-396.	13.3	1,017
171	Graded index photonic hole: Analytical and rigorous full wave solution. Physical Review B, 2010, 82, .	1.1	33
172	Exterior optical cloaking and illusions by using active sources: A boundary element perspective. Physical Review B, 2010, 81, .	1.1	37
173	Acoustic cloaking and transformation acoustics. Journal Physics D: Applied Physics, 2010, 43, 113001.	1.3	296
174	Photonic Metamaterials Based on Fractal Geometry. , 2010, , 215-245.		1
175	Theory of Optical Trapping by an Optical Vortex Beam. Physical Review Letters, 2010, 104, 103601.	2.9	294
176	Sub-wavelength imaging from multilayer superlens. , 2010, , .		1
177	Anomalous reflection from hybrid metamaterial slab. Optics Express, 2010, 18, 12119.	1.7	30
178	Optical transmission through double-layer, laterally shifted metallic subwavelength hole arrays. Optics Letters, 2010, 35, 2124.	1.7	16
179	Near field imaging with resonant cavity lens. Optics Express, 2010, 18, 2325.	1.7	5
180	Theory and Experimental Realization of Negative Refraction in a Metallic Helix Array. Physical Review Letters, 2010, 105, 247401.	2.9	58

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181	Experimental Realization of a Circuit-Based Broadband Illusion-Optics Analogue. Physical Review Letters, 2010, 105, 233906.	2.9	128
182	General transformation for the reduced invisibility cloak. Physical Review B, 2009, 80, .	1.1	11
183	Electronic and optical properties of single-walled carbon nanotubes under a uniform transverse electric field: A first-principles study. Physical Review B, 2009, 79, .	1.1	32
184	Whispering gallery mode enhanced optical force with resonant tunneling excitation in the Kretschmann geometry. Applied Physics Letters, 2009, 94, .	1.5	29
185	Transformation media based super focusing antenna. Journal Physics D: Applied Physics, 2009, 42, 212002.	1.3	21
186	Superconducting characteristics of 4- β , γ carbon nanotube α -zeolite composite. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7299-7303.	3.3	58
187	A simple route to a tunable electromagnetic gateway. New Journal of Physics, 2009, 11, 083012.	1.2	39
188	Negative compressibility of selenium chains confined in the channels of AlPO ₄ -5 single crystals. New Journal of Physics, 2009, 11, 103014.	1.2	16
189	Transformation media for linear liquid surface waves. Europhysics Letters, 2009, 85, 24004.	0.7	53
190	Illusion Optics: The Optical Transformation of an Object into Another Object. Physical Review Letters, 2009, 102, 253902.	2.9	565
191	Dirac Spectra and Edge States in Honeycomb Plasmonic Lattices. Physical Review Letters, 2009, 102, 123904.	2.9	77
192	Transport in a metallic nanotube at finite temperature. Physical Review B, 2009, 79, .	1.1	2
193	Metamaterial frequency-selective superabsorber. Optics Letters, 2009, 34, 644.	1.7	141
194	“Cloaking at a distance” from folded geometries in bipolar coordinates. Optics Letters, 2009, 34, 2649.	1.7	35
195	Complementary Media Invisibility Cloak that Cloaks Objects at a Distance Outside the Cloaking Shell. Physical Review Letters, 2009, 102, 093901.	2.9	504
196	Localization characteristics of two-dimensional quasicrystals consisting of metal nanoparticles. Physical Review B, 2009, 80, .	1.1	21
197	One-way edge mode in a magneto-optical honeycomb photonic crystal. Physical Review B, 2009, 80, .	1.1	170
198	Comparative study of single Cu, Ag, Au, and K atoms adsorbed on Si Physical Review B, 2009, 79, .	1.1	15

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199	Optical illusion effects created by using metamaterials. , 2009, , .		0
200	Design and Experimental Realization of a Broadband Transformation Media Field Rotator at Microwave Frequencies. Physical Review Letters, 2009, 102, 183903.	2.9	229
201	Polarization Engineering of Thermal Radiation Using Metallic Photonic Crystals. Advanced Materials, 2008, 20, 3244-3247.	11.1	27
202	Polarization gaps and negative group velocity in chiral phononic crystals: Layer multiple scattering method. Physical Review B, 2008, 77, .	1.1	12
203	Doppler effects of a light source on a metamaterial slab: a rigorous Green's function approach. Optics Letters, 2008, 33, 369.	1.7	8
204	The Anti-Cloak. Optics Express, 2008, 16, 14603.	1.7	109
205	Manipulating Negative-Refractive Behavior with a Magnetic Field. Physical Review Letters, 2008, 101, 157407.	2.9	77
206	Stability of extended structures stabilized by light as governed by the competition of two length scales. Physical Review A, 2008, 77, .	1.0	6
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208	Electromagnetic wave manipulation by layered systems using the transformation media concept. Physical Review B, 2008, 78, .	1.1	94
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