

Che Ting Chan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

375
papers

28,526
citations

79
h-index

159
g-index

399
ext. papers

32,239
ext. citations

5.7
avg, IF

7.22
L-index

#	Paper	IF	Citations
375	Classical non-Abelian braiding of acoustic modes. <i>Nature Physics</i> , 2022 , 18, 179-184	16.2	2
374	On-chip nanophotonic topological rainbow.. <i>Nature Communications</i> , 2022 , 13, 2586	17.4	3
373	Near-Field Energy Transfer between Graphene and Magneto-Optic Media.. <i>Physical Review Letters</i> , 2021 , 127, 247401	7.4	2
372	Four-band non-Abelian topological insulator and its experimental realization. <i>Nature Communications</i> , 2021 , 12, 6471	17.4	0
371	Non-Hermitian physics for optical manipulation uncovers inherent instability of large clusters. <i>Nature Communications</i> , 2021 , 12, 6597	17.4	1
370	PT Symmetry Induced Rings of Lasing Threshold Modes Embedded with Discrete Bound States in the Continuum. <i>Chinese Physics Letters</i> , 2021 , 38, 084203	1.8	2
369	Shifting beams at normal incidence via controlling momentum-space geometric phases. <i>Nature Communications</i> , 2021 , 12, 6046	17.4	7
368	Momentum space toroidal moment in a photonic metamaterial. <i>Nature Communications</i> , 2021 , 12, 1784	17.4	6
367	Topological Rainbow Concentrator Based on Synthetic Dimension. <i>Physical Review Letters</i> , 2021 , 126, 113902	7.4	27
366	Intrinsic in-plane nodal chain and generalized quaternion charge protected nodal link in photonics. <i>Light: Science and Applications</i> , 2021 , 10, 83	16.7	4
365	Experimental observation of non-Abelian topological charges and edge states. <i>Nature</i> , 2021 , 594, 195-200	30.4	9
364	Optical forces on a cylinder induced by surface waves and the conservation of the canonical momentum of light. <i>Optics Express</i> , 2021 , 29, 20590-20600	3.3	1
363	Casimir-Induced Instabilities at Metallic Surfaces and Interfaces. <i>Physical Review Letters</i> , 2021 , 126, 046802	7.4	0
362	Strong geometry dependence of the Casimir force between interpenetrated rectangular gratings. <i>Nature Communications</i> , 2021 , 12, 600	17.4	6
361	Topological One-Way Large-Area Waveguide States in Magnetic Photonic Crystals. <i>Physical Review Letters</i> , 2021 , 126, 067401	7.4	8
360	Robust Acoustic Pulling Using Chiral Surface Waves. <i>Physical Review Applied</i> , 2021 , 15,	4.3	2
359	Ways to achieve efficient non-local vortex beam generation. <i>Nanophotonics</i> , 2021 ,	6.3	1

358	Electromagnetic energy-momentum tensors in general dispersive bianisotropic media. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2021 , 38, 3135	1.7	0
357	Dirac-like cone-based electromagnetic zero-index metamaterials. <i>Light: Science and Applications</i> , 2021 , 10, 203	16.7	5
356	Optofluidic Microengine in A Dynamic Flow Environment via Self-Induced Back-Action. <i>ACS Photonics</i> , 2020 , 7, 1500-1507	6.3	8
355	Acoustic metamaterials with spinning components. <i>Physical Review B</i> , 2020 , 101,	3.3	7
354	Deterministic Scheme for Two-Dimensional Type-II Dirac Points and Experimental Realization in Acoustics. <i>Physical Review Letters</i> , 2020 , 124, 075501	7.4	8
353	Exceptional points make an astroid in non-Hermitian Lieb lattice: Evolution and topological protection. <i>Physical Review B</i> , 2020 , 102,	3.3	5
352	Exceptional point-based plasmonic metasurfaces for vortex beam generation. <i>Optics Express</i> , 2020 , 28, 503-510	3.3	5
351	Exceptional cones in 4D parameter space. <i>Optics Express</i> , 2020 , 28, 1758-1770	3.3	9
350	Anomalous Anderson localization behavior in gain-loss balanced non-Hermitian systems. <i>Nanophotonics</i> , 2020 , 10, 443-452	6.3	0
349	Chaotic photon spheres in non-Euclidean billiard. <i>Nanophotonics</i> , 2020 , 9, 3367-3372	6.3	3
348	Topological Properties of Photonic Crystals 2020 , 243-279		
347	Effective medium theory for a photonic pseudospin-1/2 system. <i>Physical Review B</i> , 2020 , 102,	3.3	2
346	Exceptional nexus with a hybrid topological invariant. <i>Science</i> , 2020 , 370, 1077-1080	33.3	21
345	Hamiltonian Hopping for Efficient Chiral Mode Switching in Encircling Exceptional Points. <i>Physical Review Letters</i> , 2020 , 125, 187403	7.4	11
344	Hidden-symmetry-enforced nexus points of nodal lines in layer-stacked dielectric photonic crystals. <i>Light: Science and Applications</i> , 2020 , 9, 176	16.7	4
343	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	14.3	18
342	Photonic crystals and topological photonics. <i>Frontiers of Optoelectronics</i> , 2020 , 13, 2-3	2.8	1
341	Exceptional points and their coalescence of PT-symmetric interface states in photonic crystals. <i>Physical Review B</i> , 2019 , 100,	3.3	6

340	Dynamically encircling an exceptional point in anti-parity-time symmetric systems: asymmetric mode switching for symmetry-broken modes. <i>Light: Science and Applications</i> , 2019 , 8, 88	16.7	48
339	Nanophotonic Array-Induced Dynamic Behavior for Label-Free Shape-Selective Bacteria Sieving. <i>ACS Nano</i> , 2019 , 13, 12070-12080	16.7	29
338	Nonuniversal critical behavior in disordered pseudospin-1 systems. <i>Physical Review B</i> , 2019 , 99,	3.3	6
337	Experimental demonstration of angular momentum-dependent topological transport using a transmission line network. <i>Nature Communications</i> , 2019 , 10, 434	17.4	8
336	Reversal of transmission and reflection based on acoustic metagratings with integer parity design. <i>Nature Communications</i> , 2019 , 10, 2326	17.4	71
335	Observation of Three-Dimensional Photonic Dirac Points and Spin-Polarized Surface Arcs. <i>Physical Review Letters</i> , 2019 , 122, 203903	7.4	31
334	Metric-Torsion Duality of Optically Chiral Structures. <i>Physical Review Letters</i> , 2019 , 122, 200201	7.4	3
333	Dynamically encircling exceptional points in a three-mode waveguide system. <i>Communications Physics</i> , 2019 , 2,	5.4	18
332	Distinct outcomes by dynamically encircling an exceptional point along homotopic loops. <i>Physical Review A</i> , 2019 , 99,	2.6	3
331	Anisotropic exceptional points of arbitrary order. <i>Physical Review B</i> , 2019 , 99,	3.3	16
330	Arbitrary order exceptional point induced by photonic spin-orbit interaction in coupled resonators. <i>Nature Communications</i> , 2019 , 10, 832	17.4	40
329	Non-Abelian gauge field optics. <i>Nature Communications</i> , 2019 , 10, 3125	17.4	16
328	Interlayer Topological Transport and Devices Based on Layer Pseudospins in Photonic Valley-Hall Phases. <i>Advanced Optical Materials</i> , 2019 , 7, 1900872	8.1	12
327	Broadband Microwave Absorption by Logarithmic Spiral Metasurface. <i>Scientific Reports</i> , 2019 , 9, 14078	4.9	5
326	Highly degenerate photonic flat bands arising from complete graph configurations. <i>Physical Review A</i> , 2019 , 100,	2.6	4
325	Pseudospin-1 Physics of Photonic Crystals. <i>Research</i> , 2019 , 2019, 1-15	7.8	4
324	Pseudospin-1 Physics of Photonic Crystals. <i>Research</i> , 2019 , 2019, 3054062	7.8	7
323	Topological phases in acoustic and mechanical systems. <i>Nature Reviews Physics</i> , 2019 , 1, 281-294	23.6	219

322	Photonic topological semimetals in bianisotropic metamaterials. <i>Scientific Reports</i> , 2019 , 9, 18312	4.9	5
321	Optical forces, torques, and force densities calculated at a microscopic level using a self-consistent hydrodynamics method. <i>Physical Review B</i> , 2018 , 97,	3.3	5
320	Topological transport of sound mediated by spin-redirected geometric phase. <i>Science Advances</i> , 2018 , 4, eaaq1475	14.3	32
319	Nanocorrugation-Induced Forces between Electrically Neutral Metallic Objects. <i>ACS Nano</i> , 2018 , 12, 804-817	16.7	2
318	A band of bound states in the continuum induced by disorder. <i>Scientific Reports</i> , 2018 , 8, 5160	4.9	12
317	Product design: Nanoparticle-Loaded polyvinyl butyral interlayer for solar control. <i>AIChE Journal</i> , 2018 , 64, 3614-3624	3.6	3
316	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,	3.3	4
315	Topological interface modes in local resonant acoustic systems. <i>Physical Review B</i> , 2018 , 98,	3.3	44
314	Experimental Observation of Acoustic Weyl Points and Topological Surface States. <i>Physical Review Applied</i> , 2018 , 10,	4.3	49
313	Type-II Dirac Photons at Metasurfaces. <i>Physical Review Letters</i> , 2018 , 121, 024301	7.4	23
312	Measurement of Mechanical Deformations Induced by Enhanced Electromagnetic Stress on a Parallel Metallic-Plate System. <i>Physical Review Letters</i> , 2018 , 121, 035502	7.4	1
311	Photonic Floquet media with a complex time-periodic permittivity. <i>Physical Review B</i> , 2018 , 98,	3.3	19
310	Experimental Demonstration of an Anisotropic Exceptional Point. <i>Physical Review Letters</i> , 2018 , 121, 085702	7.4	46
309	Repulsive forces between neutral surfaces induced by adatoms. <i>Physical Review B</i> , 2018 , 98,	3.3	1
308	Switching Terahertz Waves using Exceptional Points. <i>Physical Review Applied</i> , 2018 , 10,	4.3	6
307	Hybrid exceptional point and its dynamical encircling in a two-state system. <i>Physical Review A</i> , 2018 , 98,	2.6	14
306	Metamaterials with index ellipsoids at arbitrary k-points. <i>Nature Communications</i> , 2018 , 9, 2086	17.4	12
305	A minimal discrete model for toroidal moments and its experimental realization. <i>Physical Review B</i> , 2017 , 95,	3.3	19

304	Electromagnetic sensors from algebraic corner vortex generation in polygonal plates. <i>Applied Physics Letters</i> , 2017 , 110, 011107	3.4	
303	Measurement of non-monotonic Casimir forces between silicon nanostructures. <i>Nature Photonics</i> , 2017 , 11, 97-101	33.9	68
302	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	11.5	20
301	Multiple Weyl points and the sign change of their topological charges in woodpile photonic crystals. <i>Physical Review B</i> , 2017 , 95,	3.3	41
300	Plasmonic modes of polygonal rods calculated using a quantum hydrodynamics method. <i>Physical Review B</i> , 2017 , 96,	3.3	10
299	Exceptional points and symmetry recovery in a two-state system. <i>Physical Review A</i> , 2017 , 96,	2.6	9
298	Topological Subspace-Induced Bound State in the Continuum. <i>Physical Review Letters</i> , 2017 , 118, 166803	7.4	87
297	Understanding the role of surface plasmon polaritons in two-dimensional achiral nanohole arrays for polarization conversion. <i>Physical Review B</i> , 2017 , 95,	3.3	13
296	Manipulating Unidirectional Edge States Via Magnetic Plasmonic Gradient Metasurfaces. <i>Plasmonics</i> , 2017 , 12, 1079-1090	2.4	11
295	Tailoring Optical Gradient Force and Optical Scattering and Absorption Force. <i>Scientific Reports</i> , 2017 , 7, 18042	4.9	33
294	Controlling interface states in 1D photonic crystals by tuning bulk geometric phases. <i>Optics Letters</i> , 2017 , 42, 1500-1503	3	20
293	Superlens induced loss-insensitive optical force. <i>Optics Express</i> , 2016 , 24, 13992-8	3.3	1
292	Ultratransparent Media and Transformation Optics with Shifted Spatial Dispersions. <i>Physical Review Letters</i> , 2016 , 117, 223901	7.4	42
291	Geometric phase induced interface states in mutually inverted two-dimensional photonic crystals. <i>Physical Review B</i> , 2016 , 93,	3.3	17
290	Effective impedance for predicting the existence of surface states. <i>Physical Review B</i> , 2016 , 93,	3.3	4
289	Angular selection of incident waves by photonic crystals with position-varying Dirac points at the Brillouin zone boundary. <i>Physical Review B</i> , 2016 , 93,	3.3	13
288	Scattering of electromagnetic waves from surfaces with conformal mapping: An example of a triangular plate. <i>Physical Review E</i> , 2016 , 93, 033302	2.4	3
287	Klein tunneling and supercollimation of pseudospin-1 electromagnetic waves. <i>Physical Review B</i> , 2016 , 93,	3.3	62

286	Measurement of the Zak phase of photonic bands through the interface states of a metasurface/photonic crystal. <i>Physical Review B</i> , 2016 , 93,	3.3	54
285	Photonic crystals possessing multiple Weyl points and the experimental observation of robust surface states. <i>Nature Communications</i> , 2016 , 7, 13038	17.4	148
284	Electromagnetic stress at the boundary: Photon pressure or tension?. <i>Science Advances</i> , 2016 , 2, e1501485.	4.3	23
283	Multipolar Effects in the Optical Active Second Harmonic Generation from Sawtooth Chiral Metamaterials. <i>Scientific Reports</i> , 2016 , 6, 22061	4.9	7
282	Chapter 4 Control of Electromagnetic Flux in Inhomogeneous Anisotropic Media 2016 , 117-156		
281	The existence of topological edge states in honeycomb plasmonic lattices. <i>New Journal of Physics</i> , 2016 , 18, 103029	2.9	25
280	Simultaneous realization of a coherent perfect absorber and laser by zero-index media with both gain and loss. <i>Physical Review A</i> , 2016 , 94,	2.6	38
279	Lateral optical binding between two colloidal particles. <i>Scientific Reports</i> , 2016 , 6, 38883	4.9	10
278	Strong optical force acting on a dipolar particle over a multilayer substrate. <i>Optics Express</i> , 2016 , 24, 2235-41	3.3	16
277	Topological interface states in multiscale spoof-insulator-spoof waveguides. <i>Optics Letters</i> , 2016 , 41, 3698-701	3	13
276	Geometric phase and band inversion in periodic acoustic systems. <i>Nature Physics</i> , 2015 , 11, 240-244	16.2	348
275	Enhancement of polarizabilities of cylinders with cylinder-slab resonances. <i>Scientific Reports</i> , 2015 , 5, 8189	4.9	3
274	Conical dispersion and effective zero refractive index in photonic quasicrystals. <i>Physical Review Letters</i> , 2015 , 114, 163901	7.4	57
273	Goos-Hänchen effect in epsilon-near-zero metamaterials. <i>Scientific Reports</i> , 2015 , 5, 8681	4.9	59
272	Topological edge plasmon modes between diatomic chains of plasmonic nanoparticles. <i>Optics Express</i> , 2015 , 23, 2021-31	3.3	80
271	Topological edge modes in multilayer graphene systems. <i>Optics Express</i> , 2015 , 23, 21585-95	3.3	33
270	Symmetry-protected transport in a pseudospin-polarized waveguide. <i>Nature Communications</i> , 2015 , 6, 8183	17.4	30
269	Synthetic gauge flux and Weyl points in acoustic systems. <i>Nature Physics</i> , 2015 , 11, 920-924	16.2	241

268	Giant plasmonic circular dichroism in Ag staircase nanostructures. <i>Optics Express</i> , 2015 , 23, 33065-78	3.3	16
267	Optical force on toroidal nanostructures: Toroidal dipole versus renormalized electric dipole. <i>Physical Review A</i> , 2015 , 92,	2.6	28
266	Nonreciprocal linear-zero mode in PT-symmetric magnetic domains. <i>Physical Review B</i> , 2015 , 91,	3.3	11
265	Analytic derivation of electrostrictive tensors and their application to optical force density calculations. <i>Physical Review B</i> , 2015 , 91,	3.3	16
264	Coalescence of exceptional points and phase diagrams for one-dimensional PT-symmetric photonic crystals. <i>Physical Review B</i> , 2015 , 92,	3.3	94
263	Direct Measurement of Optical Force Induced by Near-Field Plasmonic Cavity Using Dynamic Mode AFM. <i>Scientific Reports</i> , 2015 , 5, 16216	4.9	20
262	Design of full-k-space flat bands in photonic crystals beyond the tight-binding picture. <i>Scientific Reports</i> , 2015 , 5, 18181	4.9	18
261	Unusual percolation threshold of electromagnetic waves in double-zero medium embedded with random inclusions. <i>Laser and Photonics Reviews</i> , 2015 , 9, 523-529	8.3	19
260	Manipulation of the polarization of Terahertz wave in subwavelength regime. <i>Scientific Reports</i> , 2015 , 5, 8306	4.9	4
259	Determination of Zak phase by reflection phase in 1D photonic crystals. <i>Optics Letters</i> , 2015 , 40, 5259-62,		46
258	The emergence of Dirac points in photonic crystals with mirror symmetry. <i>Scientific Reports</i> , 2015 , 5, 8186	4.9	38
257	Broadband focusing and collimation of water waves by zero refractive index. <i>Scientific Reports</i> , 2014 , 4, 6979	4.9	16
256	Negative optical torque. <i>Scientific Reports</i> , 2014 , 4, 6386	4.9	37
255	Sufficient condition for the existence of interface states in some two-dimensional photonic crystals. <i>Physical Review B</i> , 2014 , 90,	3.3	43
254	Additional waves in the graphene layered medium. <i>Optics Express</i> , 2014 , 22, 31677-90	3.3	8
253	Phonon spectrum and electron-phonon coupling in zigzag graphene nanoribbons. <i>Physical Review B</i> , 2014 , 89,	3.3	6
252	Experimental realization of photonic topological insulator in a uniaxial metacrystal waveguide. <i>Nature Communications</i> , 2014 , 5, 5782	17.4	299
251	Measurement of enhanced radiation force on a parallel metallic-plate system in the microwave regime. <i>Physical Review Letters</i> , 2014 , 112, 045504	7.4	6

250	Plasmonlike resonances in atomic chains: A time-dependent density-functional theory study. <i>Physical Review B</i> , 2014 , 90,	3.3	6
249	Realization of optical pulling forces using chirality. <i>Physical Review A</i> , 2014 , 89,	2.6	72
248	Arbitrary control of electromagnetic flux in inhomogeneous anisotropic media with near-zero index. <i>Physical Review Letters</i> , 2014 , 112, 073903	7.4	64
247	Lateral optical force on chiral particles near a surface. <i>Nature Communications</i> , 2014 , 5, 3307	17.4	188
246	Creating Illusion Effects Using Transformation Optics 2014 , 139-165		
245	Light Amplification with Low-Gain Material: Harvesting Harmonic Resonance Modes of Surface Plasmon Polaritons on a Magnetic Meta-Surface. <i>Plasmonics</i> , 2013 , 8, 793-796	2.4	3
244	Thermal coherence properties of topological insulator slabs in time-reversal symmetry breaking fields. <i>Physical Review B</i> , 2013 , 87,	3.3	5
243	Microwave-induced elastic deformation of a metallic thin film. <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 395104	3	3
242	First-principles study of Dirac and Dirac-like cones in phononic and photonic crystals. <i>Physical Review B</i> , 2012 , 86,	3.3	191
241	Dirac cones at $k=0$ in acoustic crystals and zero refractive index acoustic materials. <i>Applied Physics Letters</i> , 2012 , 100, 071911	3.4	108
240	Deep subwavelength Fabry-Perot-like resonances in a sandwiched reflection grating. <i>Physical Review B</i> , 2012 , 85,	3.3	16
239	Dirac Dispersion in Two-Dimensional Photonic Crystals. <i>Advances in OptoElectronics</i> , 2012 , 2012, 1-11	0.5	49
238	On the time evolution of the cloaking effect of a metamaterial slab. <i>Optics Letters</i> , 2012 , 37, 4594-6	3	10
237	Enhanced electromagnetic pressure in a sandwiched reflection grating. <i>Physical Review B</i> , 2012 , 86,	3.3	12
236	On the transition between complementary medium and zero-refractive-index medium. <i>Europhysics Letters</i> , 2012 , 99, 67002	1.6	2
235	Linear and nonlinear Fano resonance on two-dimensional magnetic metamaterials. <i>Physical Review B</i> , 2011 , 84,	3.3	34
234	CHIRAL PHOTONIC AND PLASMONIC STRUCTURES. <i>World Scientific Series in Nanoscience and Nanotechnology</i> , 2011 , 45-66	0.1	
233	Spin-polarized electron transport through graphene nanoribbon with zigzag edges. <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 205304	1.8	7

232	Analytical properties of the plasmon decay profile in a periodic metal-nanoparticle chain. <i>Optics Letters</i> , 2011 , 36, 2206-8	3	16
231	Near field imaging from multilayer lens. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 10725-8	1.3	2
230	Dirac cones induced by accidental degeneracy in photonic crystals and zero-refractive-index materials. <i>Nature Materials</i> , 2011 , 10, 582-6	27	619
229	Optical pulling force. <i>Nature Photonics</i> , 2011 , 5, 531-534	33.9	419
228	Strong light-induced negative optical pressure arising from kinetic energy of conduction electrons in plasmon-type cavities. <i>Physical Review Letters</i> , 2011 , 106, 087401	7.4	38
227	Manipulating sources using transformation optics with Folded geometry \square <i>Journal of Optics (United Kingdom)</i> , 2011 , 13, 024009	1.7	14
226	Negative effective gravity in water waves by periodic resonator arrays. <i>Physical Review Letters</i> , 2011 , 106, 174501	7.4	31
225	PHOTONIC MOLECULES ORGANIZED BY LIGHT 2011 , 113-140		
224	Metallic helix array as a broadband wave plate. <i>Physical Review Letters</i> , 2011 , 107, 177401	7.4	62
223	Dirac cones at $k=0$ in phononic crystals. <i>Physical Review B</i> , 2011 , 84,	3.3	71
222	Sizable electromagnetic forces in parallel-plate metallic cavity. <i>Physical Review B</i> , 2011 , 84,	3.3	22
221	Metamaterial slab as a lens, a cloak, or an intermediate. <i>Physical Review B</i> , 2011 , 83,	3.3	24
220	Propagation dynamics of femtosecond pulse through subwavelength metallic hole arrays. <i>Physical Review B</i> , 2011 , 83,	3.3	2
219	Transformation optics and metamaterials. <i>Nature Materials</i> , 2010 , 9, 387-96	27	835
218	Graded index photonic hole: Analytical and rigorous full wave solution. <i>Physical Review B</i> , 2010 , 82,	3.3	24
217	Exterior optical cloaking and illusions by using active sources: A boundary element perspective. <i>Physical Review B</i> , 2010 , 81,	3.3	32
216	Acoustic cloaking and transformation acoustics. <i>Journal Physics D: Applied Physics</i> , 2010 , 43, 113001	3	236
215	Photonic Metamaterials Based on Fractal Geometry 2010 , 215-245		

214	Theory of optical trapping by an optical vortex beam. <i>Physical Review Letters</i> , 2010 , 104, 103601	7.4	210
213	Anomalous reflection from hybrid metamaterial slab. <i>Optics Express</i> , 2010 , 18, 12119-26	3.3	26
212	Optical transmission through double-layer, laterally shifted metallic subwavelength hole arrays. <i>Optics Letters</i> , 2010 , 35, 2124-6	3	14
211	Near field imaging with resonant cavity lens. <i>Optics Express</i> , 2010 , 18, 2325-31	3.3	4
210	Theory and experimental realization of negative refraction in a metallic helix array. <i>Physical Review Letters</i> , 2010 , 105, 247401	7.4	48
209	Experimental realization of a circuit-based broadband illusion-optics analogue. <i>Physical Review Letters</i> , 2010 , 105, 233906	7.4	114
208	Illusion optics. <i>Frontiers of Physics in China</i> , 2010 , 5, 308-318		16
207	Non-Euclidean Cloaking for Light Waves. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2010 , 16, 418-426	3.8	18
206	General transformation for the reduced invisibility cloak. <i>Physical Review B</i> , 2009 , 80,	3.3	9
205	Electronic and optical properties of single-walled carbon nanotubes under a uniform transverse electric field: A first-principles study. <i>Physical Review B</i> , 2009 , 79,	3.3	31
204	Whispering gallery mode enhanced optical force with resonant tunneling excitation in the Kretschmann geometry. <i>Applied Physics Letters</i> , 2009 , 94, 011102	3.4	25
203	Transformation media based super focusing antenna. <i>Journal Physics D: Applied Physics</i> , 2009 , 42, 212003	3	16
202	Superconducting characteristics of 4-A carbon nanotube-zeolite composite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 7299-303	11.5	57
201	A simple route to a tunable electromagnetic gateway. <i>New Journal of Physics</i> , 2009 , 11, 083012	2.9	35
200	Negative compressibility of selenium chains confined in the channels of AlPO4-5 single crystals. <i>New Journal of Physics</i> , 2009 , 11, 103014	2.9	13
199	Transformation media for linear liquid surface waves. <i>Europhysics Letters</i> , 2009 , 85, 24004	1.6	44
198	Illusion optics: the optical transformation of an object into another object. <i>Physical Review Letters</i> , 2009 , 102, 253902	7.4	464
197	Dirac spectra and edge states in honeycomb plasmonic lattices. <i>Physical Review Letters</i> , 2009 , 102, 123904	7.4	67

196	Transport in a metallic nanotube at finite temperature. <i>Physical Review B</i> , 2009 , 79,	3-3	2
195	Metamaterial frequency-selective superabsorber. <i>Optics Letters</i> , 2009 , 34, 644-6	3	127
194	"Cloaking at a distance" from folded geometries in bipolar coordinates. <i>Optics Letters</i> , 2009 , 34, 2649-513		32
193	Complementary media invisibility cloak that cloaks objects at a distance outside the cloaking shell. <i>Physical Review Letters</i> , 2009 , 102, 093901	7-4	433
192	Localization characteristics of two-dimensional quasicrystals consisting of metal nanoparticles. <i>Physical Review B</i> , 2009 , 80,	3-3	19
191	One-way edge mode in a magneto-optical honeycomb photonic crystal. <i>Physical Review B</i> , 2009 , 80,	3-3	130
190	Comparative study of single Cu, Ag, Au, and K atoms adsorbed on Si(111)($\sqrt{3}\times\sqrt{3}$). <i>Physical Review B</i> , 2009 , 79,	3-3	15
189	Design and experimental realization of a broadband transformation media field rotator at microwave frequencies. <i>Physical Review Letters</i> , 2009 , 102, 183903	7-4	193
188	Polarization gaps and negative group velocity in chiral phononic crystals: Layer multiple scattering method. <i>Physical Review B</i> , 2008 , 77,	3-3	10
187	Doppler effects of a light source on a metamaterial slab: a rigorous Green's function approach. <i>Optics Letters</i> , 2008 , 33, 369-71	3	8
186	The anti-cloak. <i>Optics Express</i> , 2008 , 16, 14603-8	3-3	94
185	Manipulating negative-refractive behavior with a magnetic field. <i>Physical Review Letters</i> , 2008 , 101, 157407	4-7	66
184	Stability of extended structures stabilized by light as governed by the competition of two length scales. <i>Physical Review A</i> , 2008 , 77,	2-6	4
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