

# Che Ting Chan

## List of Publications by Citations

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375  
papers

28,526  
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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	Locally resonant sonic materials. <i>Science</i> , <b>2000</b> , 289, 1734-6	33.3	3041
374	Existence of a photonic gap in periodic dielectric structures. <i>Physical Review Letters</i> , <b>1990</b> , 65, 3152-3155	7.4	1792
373	Transformation optics and metamaterials. <i>Nature Materials</i> , <b>2010</b> , 9, 387-96	27	835
372	Superconductivity in 4 angstrom single-walled carbon nanotubes. <i>Science</i> , <b>2001</b> , 292, 2462-5	33.3	673
371	Acoustic cloaking in three dimensions using acoustic metamaterials. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 183518	3.4	633
370	Dirac cones induced by accidental degeneracy in photonic crystals and zero-refractive-index materials. <i>Nature Materials</i> , <b>2011</b> , 10, 582-6	27	619
369	Manipulating electromagnetic wave polarizations by anisotropic metamaterials. <i>Physical Review Letters</i> , <b>2007</b> , 99, 063908	7.4	521
368	A transferable tight-binding potential for carbon. <i>Journal of Physics Condensed Matter</i> , <b>1992</b> , 4, 6047-6054	5.8	507
367	Illusion optics: the optical transformation of an object into another object. <i>Physical Review Letters</i> , <b>2009</b> , 102, 253902	7.4	464
366	Photonic band gap from a stack of positive and negative index materials. <i>Physical Review Letters</i> , <b>2003</b> , 90, 083901	7.4	435
365	Complementary media invisibility cloak that cloaks objects at a distance outside the cloaking shell. <i>Physical Review Letters</i> , <b>2009</b> , 102, 093901	7.4	433
364	Optical pulling force. <i>Nature Photonics</i> , <b>2011</b> , 5, 531-534	33.9	419
363	Transformation media that rotate electromagnetic fields. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 241105	3.4	404
362	Melting line of aluminum from simulations of coexisting phases. <i>Physical Review B</i> , <b>1994</b> , 49, 3109-3115	3.3	369
361	Photonic Band Gaps in Two Dimensional Photonic Quasicrystals. <i>Physical Review Letters</i> , <b>1998</b> , 80, 956-959	5.4	362
360	Geometric phase and band inversion in periodic acoustic systems. <i>Nature Physics</i> , <b>2015</b> , 11, 240-244	16.2	348
359	Analytic model of phononic crystals with local resonances. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	341

358	Elastic wave scattering by periodic structures of spherical objects: Theory and experiment. <i>Physical Review B</i> , <b>2000</b> , 62, 2446-2457	3.3	300
357	Experimental realization of photonic topological insulator in a uniaxial metacrystal waveguide. <i>Nature Communications</i> , <b>2014</b> , 5, 5782	17.4	299
356	Polarized absorption spectra of single-walled 4 Å carbon nanotubes aligned in channels of an AlPO <sub>4</sub> (4)-5 single crystal. <i>Physical Review Letters</i> , <b>2001</b> , 87, 127401	7.4	263
355	Synthetic gauge flux and Weyl points in acoustic systems. <i>Nature Physics</i> , <b>2015</b> , 11, 920-924	16.2	241
354	Acoustic cloaking and transformation acoustics. <i>Journal Physics D: Applied Physics</i> , <b>2010</b> , 43, 113001	3	236
353	Ultrasound tunneling through 3D phononic crystals. <i>Physical Review Letters</i> , <b>2002</b> , 88, 104301	7.4	219
352	Topological phases in acoustic and mechanical systems. <i>Nature Reviews Physics</i> , <b>2019</b> , 1, 281-294	23.6	219
351	Environment-dependent tight-binding potential model. <i>Physical Review B</i> , <b>1996</b> , 53, 979-982	3.3	214
350	Metallic photonic band-gap materials. <i>Physical Review B</i> , <b>1995</b> , 52, 11744-11751	3.3	211
349	Theory of optical trapping by an optical vortex beam. <i>Physical Review Letters</i> , <b>2010</b> , 104, 103601	7.4	210
348	Measurement of a three-dimensional photonic band gap in a crystal structure made of dielectric rods. <i>Physical Review B</i> , <b>1994</b> , 50, 1945-1948	3.3	196
347	Design and experimental realization of a broadband transformation media field rotator at microwave frequencies. <i>Physical Review Letters</i> , <b>2009</b> , 102, 183903	7.4	193
346	Order-N spectral method for electromagnetic waves. <i>Physical Review B</i> , <b>1995</b> , 51, 16635-16642	3.3	192
345	First-principles study of Dirac and Dirac-like cones in phononic and photonic crystals. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	191
344	Lateral optical force on chiral particles near a surface. <i>Nature Communications</i> , <b>2014</b> , 5, 3307	17.4	188
343	Structure of the ( $\sqrt{3} \times \sqrt{3}$ )R30 degrees Ag/Si(111) surface from first-principles calculations. <i>Physical Review Letters</i> , <b>1991</b> , 67, 1454-1457	7.4	188
342	Ground-state properties of Fe, Co, Ni, and their monoxides: Results of the generalized gradient approximation. <i>Physical Review B</i> , <b>1991</b> , 44, 2923-2927	3.3	181
341	Robust photonic band gap from tunable scatterers. <i>Physical Review Letters</i> , <b>2000</b> , 84, 2853-6	7.4	175

- 340 Effective medium theory for magnetodielectric composites: Beyond the long-wavelength limit. *Physical Review B*, **2006**, 74, 3-3 158
- 339 Photonic band gaps and defects in two dimensions: Studies of the transmission coefficient. *Physical Review B*, **1993**, 48, 14121-14126 3-3 154
- 338 Tight-binding molecular-dynamics study of defects in silicon. *Physical Review Letters*, **1991**, 66, 189-192 7.4 153
- 337 Photonic crystals possessing multiple Weyl points and the experimental observation of robust surface states. *Nature Communications*, **2016**, 7, 13038 17.4 148
- 336 Tight-binding molecular-dynamics study of phonon anharmonic effects in silicon and diamond. *Physical Review B*, **1990**, 42, 11276-11283 3-3 141
- 335 Relativistic effects on ground state properties of 4d and 5d transition metals. *Journal of Physics Condensed Matter*, **1990**, 2, 4371-4394 1.8 139
- 334 Density-functional energies and forces with Gaussian-broadened fractional occupations. *Physical Review B*, **1994**, 49, 13975-13978 3-3 137
- 333 Effective dielectric constant of periodic composite structures. *Physical Review B*, **1993**, 48, 14936-14943 3.3 135
- 332 Tight-binding molecular-dynamics study of amorphous carbon. *Physical Review Letters*, **1993**, 70, 611-614 7.4 134
- 331 Theory of the thermal expansion of Si and diamond. *Physical Review B*, **1991**, 43, 5024-5027 3-3 133
- 330 Au(111): A theoretical study of the surface reconstruction and the surface electronic structure. *Physical Review B*, **1991**, 43, 13899-13906 3-3 132
- 329 One-way edge mode in a magneto-optical honeycomb photonic crystal. *Physical Review B*, **2009**, 80, 3-3 130
- 328 The geometry of small fullerene cages: C<sub>20</sub> to C<sub>70</sub>. *Journal of Chemical Physics*, **1992**, 97, 5007-5011 3.9 129
- 327 Molecular-dynamics simulation of thermal conductivity in amorphous silicon. *Physical Review B*, **1991**, 43, 6573-6580 3-3 128
- 326 Photonic Band Gaps in Experimentally Realizable Periodic Dielectric Structures. *Europhysics Letters*, **1991**, 16, 563-568 1.6 128
- 325 Metamaterial frequency-selective superabsorber. *Optics Letters*, **2009**, 34, 644-6 3 127
- 324 Electromagnetic-Wave Tunneling Through Negative-Permittivity Media with High Magnetic Fields. *Physical Review Letters*, **2005**, 94, 7.4 127
- 323 Work function of single-walled and multiwalled carbon nanotubes: First-principles study. *Physical Review B*, **2007**, 76, 3-3 123

322	Directive emissions from subwavelength metamaterial-based cavities. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 101101	3.4	122
321	Charge-transfer effects in graphite intercalates: Ab initio calculations and neutron-diffraction experiment. <i>Physical Review Letters</i> , <b>1987</b> , 58, 1528-1531	7.4	120
320	Experimental realization of a circuit-based broadband illusion-optics analogue. <i>Physical Review Letters</i> , <b>2010</b> , 105, 233906	7.4	114
319	Fabrication of large area two- and three-dimensional polymer photonic crystals using single refracting prism holographic lithography. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 241102	3.4	113
318	Empirical tight-binding force model for molecular-dynamics simulation of Si. <i>Physical Review B</i> , <b>1989</b> , 39, 8586-8592	3.3	110
317	Photonic clusters formed by dielectric microspheres: Numerical simulations. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	109
316	Dirac cones at $k=0$ in acoustic crystals and zero refractive index acoustic materials. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 071911	3.4	108
315	Extending the bandwidth of electromagnetic cloaks. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	108
314	Photonic crystals with silver nanowires as a near-infrared superlens. <i>Applied Physics Letters</i> , <b>2004</b> , 85, 1520-1522	3.4	102
313	Structural and electronic properties of the martensitic alloys TiNi, TiPd, and TiPt. <i>Physical Review B</i> , <b>1997</b> , 56, 3678-3689	3.3	100
312	First-principles total-energy calculation of gallium nitride. <i>Physical Review B</i> , <b>1992</b> , 45, 1159-1162	3.3	100
311	Subwavelength photonic band gaps from planar fractals. <i>Physical Review Letters</i> , <b>2002</b> , 89, 223901	7.4	99
310	Chiral microstructures (spirals) fabrication by holographic lithography. <i>Optics Express</i> , <b>2005</b> , 13, 7615-20	3.3	97
309	The geometry of large fullerene cages: C72 to C102. <i>Journal of Chemical Physics</i> , <b>1993</b> , 98, 3095-3102	3.9	95
308	Coalescence of exceptional points and phase diagrams for one-dimensional PT-symmetric photonic crystals. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	94
307	The anti-cloak. <i>Optics Express</i> , <b>2008</b> , 16, 14603-8	3.3	94
306	Three-dimensional self-assembly of metal nanoparticles: Possible photonic crystal with a complete gap below the plasma frequency. <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	94
305	First-principles pseudopotential calculations for hydrogen in 4d transition metals. I. Mixed-basis method for total energies and forces. <i>Journal of Physics Condensed Matter</i> , <b>1992</b> , 4, 5189-5206	1.8	89

304	Topological Subspace-Induced Bound State in the Continuum. <i>Physical Review Letters</i> , <b>2017</b> , 118, 166803-4	7.4	87
303	Electromagnetic-wave propagation through dispersive and absorptive photonic-band-gap materials. <i>Physical Review B</i> , <b>1994</b> , 49, 11080-11087	3.3	85
302	Controlled Chainlike Agglomeration of Charged Gold Nanoparticles via a Deliberate Interaction Balance. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 16830-16839	3.8	82
301	Surface atomic structures, surface energies, and equilibrium crystal shape of molybdenum. <i>Physical Review B</i> , <b>1998</b> , 57, 1875-1880	3.3	82
300	Systematic study of structures and stabilities of fullerenes. <i>Physical Review B</i> , <b>1992</b> , 46, 7333-7336	3.3	82
299	Self-consistent pseudopotential calculation of the electronic structure of PdH and Pd4H. <i>Physical Review B</i> , <b>1983</b> , 27, 3325-3337	3.3	82
298	Electromagnetic wave manipulation by layered systems using the transformation media concept. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	81
297	Topological edge plasmon modes between diatomic chains of plasmonic nanoparticles. <i>Optics Express</i> , <b>2015</b> , 23, 2021-31	3.3	80
296	Refraction of water waves by periodic cylinder arrays. <i>Physical Review Letters</i> , <b>2005</b> , 95, 154501	7.4	78
295	Tight-binding molecular dynamics with linear system-size scaling. <i>Journal of Physics Condensed Matter</i> , <b>1994</b> , 6, 9153-9172	1.8	78
294	Field Induced Structural Transition in Mesocrystallites. <i>Physical Review Letters</i> , <b>1999</b> , 82, 4248-4251	7.4	75
293	Electronic structure of dangling and floating bonds in amorphous silicon. <i>Physical Review Letters</i> , <b>1989</b> , 63, 1491-1494	7.4	75
292	Defect and transmission properties of two-dimensional quasiperiodic photonic band-gap systems. <i>Physical Review B</i> , <b>1999</b> , 59, 4091-4099	3.3	74
291	Realization of optical pulling forces using chirality. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	72
290	Plasmonic modes in periodic metal nanoparticle chains: a direct dynamic eigenmode analysis. <i>Optics Letters</i> , <b>2007</b> , 32, 973-5	3	72
289	Reversal of transmission and reflection based on acoustic metagratings with integer parity design. <i>Nature Communications</i> , <b>2019</b> , 10, 2326	17.4	71
288	Dirac cones at $k=0$ in phononic crystals. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	71
287	Theoretical study of noble-metal (100) surface reconstructions using first-principles techniques. <i>Physical Review Letters</i> , <b>1989</b> , 63, 1273-1276	7.4	71

286	Role of surface-state nesting in the incommensurate reconstruction of Mo(001). <i>Physical Review Letters</i> , <b>1988</b> , 60, 2066-2069	7.4	71
285	Measurement of non-monotonic Casimir forces between silicon nanostructures. <i>Nature Photonics</i> , <b>2017</b> , 11, 97-101	33.9	68
284	Experimental and theoretical investigation of single Cu, Ag, and Au atoms adsorbed on Si(111)-(7x7). <i>Physical Review Letters</i> , <b>2005</b> , 94, 176104	7.4	68
283	Zone-center phonon frequencies for graphite and graphite intercalation compounds: Charge-transfer and intercalate-coupling effects. <i>Physical Review B</i> , <b>1987</b> , 36, 3499-3502	3.3	68
282	Dirac spectra and edge states in honeycomb plasmonic lattices. <i>Physical Review Letters</i> , <b>2009</b> , 102, 123904	7.4	67
281	Optical nonlinear response of a single nonlinear dielectric layer sandwiched between two linear dielectric structures. <i>Physical Review B</i> , <b>1997</b> , 56, 15090-15099	3.3	67
280	Manipulating negative-refractive behavior with a magnetic field. <i>Physical Review Letters</i> , <b>2008</b> , 101, 157407	7.4	66
279	Effect of disorder on photonic band gaps. <i>Physical Review B</i> , <b>1999</b> , 59, 12767-12770	3.3	66
278	Faceting Induced by Ultrathin Metal Films: A First Principles Study. <i>Physical Review Letters</i> , <b>1997</b> , 79, 4230-4233	7.4	65
277	Arbitrary control of electromagnetic flux in inhomogeneous anisotropic media with near-zero index. <i>Physical Review Letters</i> , <b>2014</b> , 112, 073903	7.4	64
276	Lattice dynamics and electron-phonon interaction in (3,3) carbon nanotubes. <i>Physical Review Letters</i> , <b>2004</b> , 93, 245501	7.4	64
275	Klein tunneling and supercollimation of pseudospin-1 electromagnetic waves. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	62
274	Metallic helix array as a broadband wave plate. <i>Physical Review Letters</i> , <b>2011</b> , 107, 177401	7.4	62
273	Phononic crystals. <i>Physica Status Solidi (B): Basic Research</i> , <b>2004</b> , 241, 3454-3462	1.3	62
272	Application of a general self-consistency scheme in the linear combination of atomic orbitals formalism to the electronic and structural properties of Si and W. <i>Physical Review B</i> , <b>1986</b> , 33, 2455-2464	3.3	62
271	Goos-Hänchen effect in epsilon-near-zero metamaterials. <i>Scientific Reports</i> , <b>2015</b> , 5, 8681	4.9	59
270	Strong optical force induced by morphology-dependent resonances. <i>Optics Letters</i> , <b>2005</b> , 30, 1956-8	3	58
269	Tight-binding molecular-dynamics study of liquid Si. <i>Physical Review B</i> , <b>1992</b> , 45, 12227-12232	3.3	58

268	Conical dispersion and effective zero refractive index in photonic quasicrystals. <i>Physical Review Letters</i> , <b>2015</b> , 114, 163901	7.4	57
267	Superconducting characteristics of 4-A carbon nanotube-zeolite composite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 7299-303	11.5	57
266	Wave propagation in nonlinear photonic band-gap materials. <i>Physical Review B</i> , <b>1996</b> , 53, 15577-15585	3.3	57
265	Diamagnetic response of metallic photonic crystals at infrared and visible frequencies. <i>Physical Review Letters</i> , <b>2006</b> , 96, 223901	7.4	56
264	Initial growth mode of Au on Ag(110) studied with first-principles calculations. <i>Physical Review Letters</i> , <b>1992</b> , 69, 1672-1675	7.4	56
263	Efficient Visible Photoluminescence from Carbon Nanotubes in Zeolite Templates. <i>Physical Review Letters</i> , <b>2004</b> , 93,	7.4	55
262	Measurement of the Zak phase of photonic bands through the interface states of a metasurface/photonic crystal. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	54
261	Realization of optical periodic quasicrystals using holographic lithography. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 051901	3.4	52
260	Directional acoustic source based on the resonant cavity of two-dimensional phononic crystals. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 224105	3.4	52
259	Structure and dynamics of C60 and C70 from tight-binding molecular dynamics. <i>Physical Review B</i> , <b>1992</b> , 46, 9761-9767	3.3	52
258	First-principles calculations of equilibrium ground-state properties of Au and Ag. <i>Physical Review B</i> , <b>1989</b> , 40, 1565-1570	3.3	52
257	Resonant transmission of microwaves through subwavelength fractal slits in a metallic plate. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	50
256	Coexistence of {011} facets with {112} facets on W(111) induced by ultrathin films of Pd. <i>Physical Review B</i> , <b>1999</b> , 59, 10335-10340	3.3	50
255	Cohesive properties of crystalline solids by the generalized gradient approximation. <i>Physical Review B</i> , <b>1990</b> , 42, 9357-9364	3.3	50
254	Experimental Observation of Acoustic Weyl Points and Topological Surface States. <i>Physical Review Applied</i> , <b>2018</b> , 10,	4.3	49
253	Dirac Dispersion in Two-Dimensional Photonic Crystals. <i>Advances in OptoElectronics</i> , <b>2012</b> , 2012, 1-11	0.5	49
252	Energetics of vacancy and substitutional impurities in aluminum bulk and clusters. <i>Physical Review B</i> , <b>1997</b> , 55, 13842-13852	3.3	49
251	Molecular-dynamics study of anharmonic effects in silicon. <i>Physical Review B</i> , <b>1989</b> , 40, 3390-3393	3.3	49



250	Dynamically encircling an exceptional point in anti-parity-time symmetric systems: asymmetric mode switching for symmetry-broken modes. <i>Light: Science and Applications</i> , <b>2019</b> , 8, 88	16.7	48
249	Theory and experimental realization of negative refraction in a metallic helix array. <i>Physical Review Letters</i> , <b>2010</b> , 105, 247401	7.4	48
248	Reconstruction of the (100) surfaces of Au and Ag. <i>Physical Review B</i> , <b>1991</b> , 43, 14363-14370	3.3	48
247	Polarization gaps in spiral photonic crystals. <i>Optics Express</i> , <b>2005</b> , 13, 8083-8	3.3	47
246	Experimental Demonstration of an Anisotropic Exceptional Point. <i>Physical Review Letters</i> , <b>2018</b> , 121, 085702	7.4	46
245	Determination of Zak phase by reflection phase in 1D photonic crystals. <i>Optics Letters</i> , <b>2015</b> , 40, 5259-62,		46
244	First-principles pseudopotential calculations for hydrogen in 4d transition metals. II. Vibrational states for interstitial hydrogen isotopes. <i>Journal of Physics Condensed Matter</i> , <b>1992</b> , 4, 5207-5226	1.8	46
243	Theoretical study of alkali-atom insertion into small-radius carbon nanotubes to form single-atom chains. <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	45
242	Vibrational states for hydrogen in palladium. <i>Physical Review B</i> , <b>1991</b> , 44, 10377-10380	3.3	45
241	Topological interface modes in local resonant acoustic systems. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	44
240	Transformation media for linear liquid surface waves. <i>Europhysics Letters</i> , <b>2009</b> , 85, 24004	1.6	44
239	Optical properties of nanoparticle-based metallodielectric inverse opals. <i>Small</i> , <b>2005</b> , 1, 122-30	11	44
238	Sufficient condition for the existence of interface states in some two-dimensional photonic crystals. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	43
237	Calculated polarizabilities of small Si clusters. <i>Physical Review A</i> , <b>2000</b> , 61,	2.6	43
236	Ultrasensitive Media and Transformation Optics with Shifted Spatial Dispersions. <i>Physical Review Letters</i> , <b>2016</b> , 117, 223901	7.4	42
235	Reshaping the perfect electrical conductor cylinder arbitrarily. <i>New Journal of Physics</i> , <b>2008</b> , 10, 113016	2.9	42
234	Thermal disintegration of carbon fullerenes. <i>Physical Review B</i> , <b>1993</b> , 48, 11381-11384	3.3	42
233	Tight-binding model for hydrogen-silicon interactions. <i>Physical Review B</i> , <b>1992</b> , 45, 6839-6843	3.3	42

232	Theoretical study of the cohesive and structural properties of Mo and W in bcc, fcc, and hcp structures. <i>Physical Review B</i> , <b>1986</b> , 33, 7941-7946	3-3	42
231	Multiple Weyl points and the sign change of their topological charges in woodpile photonic crystals. <i>Physical Review B</i> , <b>2017</b> , 95,	3-3	41
230	Arbitrary order exceptional point induced by photonic spin-orbit interaction in coupled resonators. <i>Nature Communications</i> , <b>2019</b> , 10, 832	17.4	40
229	Microwave transmission through metallic hole arrays: Surface electric field measurements. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 131917	3-4	40
228	Structure and dynamics of liquid carbon. <i>Physical Review B</i> , <b>1993</b> , 47, 14835-14841	3-3	40
227	First-principles calculation of oxygen adsorption on Zr(0001) surface: Possible site occupation between the second and the third layer. <i>Physical Review B</i> , <b>1996</b> , 54, 14111-14120	3-3	39
226	The emergence of Dirac points in photonic crystals with mirror symmetry. <i>Scientific Reports</i> , <b>2015</b> , 5, 8186	4-9	38
225	Strong light-induced negative optical pressure arising from kinetic energy of conduction electrons in plasmon-type cavities. <i>Physical Review Letters</i> , <b>2011</b> , 106, 087401	7-4	38
224	Size-selective optical forces for microspheres using evanescent wave excitation of whispering gallery modes. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 251109	3-4	38
223	Spatial Bloch oscillations of plasmons in nanoscale metal waveguide arrays. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 243113	3-4	38
222	Surface band structures on Nb(001). <i>Physical Review B</i> , <b>1994</b> , 50, 11093-11101	3-3	38
221	Hydrogen in subsurface sites of Pd(111): Self-consistent electronic structure. <i>Physical Review B</i> , <b>1984</b> , 30, 4153-4163	3-3	38
220	Simultaneous realization of a coherent perfect absorber and laser by zero-index media with both gain and loss. <i>Physical Review A</i> , <b>2016</b> , 94,	2.6	38
219	Negative optical torque. <i>Scientific Reports</i> , <b>2014</b> , 4, 6386	4-9	37
218	On extending the concept of double negativity to acoustic waves. <i>Journal of Zhejiang University: Science A</i> , <b>2006</b> , 7, 24-28	2.1	36
217	Ding, Chan, and Ho reply. <i>Physical Review Letters</i> , <b>1992</b> , 69, 2452	7-4	36
216	A simple route to a tunable electromagnetic gateway. <i>New Journal of Physics</i> , <b>2009</b> , 11, 083012	2.9	35
215	Multiband subwavelength magnetic reflectors based on fractals. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 3257-3259	3-5	35

214	Reflectivity of planar metallic fractal patterns. <i>Applied Physics Letters</i> , <b>2003</b> , 82, 1012-1014	3-4	35
213	Ab initio investigation of the vibrational and geometrical properties of solid C60 and K3C60. <i>Physical Review B</i> , <b>1995</b> , 51, 5805-5813	3-3	35
212	Linear and nonlinear Fano resonance on two-dimensional magnetic metamaterials. <i>Physical Review B</i> , <b>2011</b> , 84,	3-3	34
211	Theoretical study of the adsorption of H2 on (3,3) carbon nanotubes. <i>Physical Review B</i> , <b>2005</b> , 72,	3-3	34
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