

Che Ting Chan

List of Publications by Year in descending order

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393
papers

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399
docs citations

399
times ranked

17435
citing authors

#	ARTICLE	IF	CITATIONS
1	Locally Resonant Sonic Materials. <i>Science</i> , 2000, 289, 1734-1736.	6.0	4,009
2	Existence of a photonic gap in periodic dielectric structures. <i>Physical Review Letters</i> , 1990, 65, 3152-3155.	2.9	2,100
3	Transformation optics and metamaterials. <i>Nature Materials</i> , 2010, 9, 387-396.	13.3	1,017
4	Dirac cones induced by accidental degeneracy in photonic crystals and zero-refractive-index materials. <i>Nature Materials</i> , 2011, 10, 582-586.	13.3	815
5	Superconductivity in 4 Angstrom Single-Walled Carbon Nanotubes. <i>Science</i> , 2001, 292, 2462-2465.	6.0	778
6	Acoustic cloaking in three dimensions using acoustic metamaterials. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	773
7	Manipulating Electromagnetic Wave Polarizations by Anisotropic Metamaterials. <i>Physical Review Letters</i> , 2007, 99, 063908.	2.9	679
8	A transferable tight-binding potential for carbon. <i>Journal of Physics Condensed Matter</i> , 1992, 4, 6047-6054.	0.7	576
9	Optical pulling force. <i>Nature Photonics</i> , 2011, 5, 531-534.	15.6	568
10	Illusion Optics: The Optical Transformation of an Object into Another Object. <i>Physical Review Letters</i> , 2009, 102, 253902.	2.9	565
11	Photonic Band Gap from a Stack of Positive and Negative Index Materials. <i>Physical Review Letters</i> , 2003, 90, 083901.	2.9	508
12	Complementary Media Invisibility Cloak that Cloaks Objects at a Distance Outside the Cloaking Shell. <i>Physical Review Letters</i> , 2009, 102, 093901.	2.9	504
13	Geometric phase and band inversion in periodic acoustic systems. <i>Nature Physics</i> , 2015, 11, 240-244.	6.5	498
14	Transformation media that rotate electromagnetic fields. <i>Applied Physics Letters</i> , 2007, 90, 241105.	1.5	493
15	Topological phases in acoustic and mechanical systems. <i>Nature Reviews Physics</i> , 2019, 1, 281-294.	11.9	489
16	Photonic Band Gaps in Two Dimensional Photonic Quasicrystals. <i>Physical Review Letters</i> , 1998, 80, 956-959.	2.9	440
17	Melting line of aluminum from simulations of coexisting phases. <i>Physical Review B</i> , 1994, 49, 3109-3115.	1.1	438
18	Analytic model of phononic crystals with local resonances. <i>Physical Review B</i> , 2005, 71, .	1.1	408

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19	Experimental realization of photonic topological insulator in a uniaxial metacrystal waveguide. Nature Communications, 2014, 5, 5782.	5.8	393
20	Elastic wave scattering by periodic structures of spherical objects: Theory and experiment. Physical Review B, 2000, 62, 2446-2457.	1.1	329
21	Synthetic gauge flux and Weyl points in acoustic systems. Nature Physics, 2015, 11, 920-924.	6.5	318
22	Acoustic cloaking and transformation acoustics. Journal Physics D: Applied Physics, 2010, 43, 113001.	1.3	296
23	Theory of Optical Trapping by an Optical Vortex Beam. Physical Review Letters, 2010, 104, 103601.	2.9	294
24	Polarized Absorption Spectra of Single-Walled 4 Å... Carbon Nanotubes Aligned in Channels of an AlPO ₄ Single Crystal. Physical Review Letters, 2001, 87, 127401.	2.9	285
25	Lateral optical force on chiral particles near a surface. Nature Communications, 2014, 5, 3307.	5.8	267
26	Metallic photonic band-gap materials. Physical Review B, 1995, 52, 11744-11751.	1.1	262
27	Ultrasound Tunneling through 3D Phononic Crystals. Physical Review Letters, 2002, 88, 104301.	2.9	253
28	Environment-dependent tight-binding potential model. Physical Review B, 1996, 53, 979-982.	1.1	246
29	Order-N spectral method for electromagnetic waves. Physical Review B, 1995, 51, 16635-16642.	1.1	242
30	First-principles study of Dirac and Dirac-like cones in phononic and photonic crystals. Physical Review B, 2012, 86, .	1.1	242
31	Design and Experimental Realization of a Broadband Transformation Media Field Rotator at Microwave Frequencies. Physical Review Letters, 2009, 102, 183903.	2.9	229
32	Measurement of a three-dimensional photonic band gap in a crystal structure made of dielectric rods. Physical Review B, 1994, 50, 1945-1948.	1.1	227
33	Photonic crystals possessing multiple Weyl points and the experimental observation of robust surface states. Nature Communications, 2016, 7, 13038.	5.8	202
34	Ground-state properties of Fe, Co, Ni, and their monoxides: Results of the generalized gradient approximation. Physical Review B, 1991, 44, 2923-2927.	1.1	199
35	Structure of the (√3 × √3)R30° Ag/Si(111) surface from first-principles calculations. Physical Review Letters, 1991, 67, 1454-1457.	2.9	196
36	Effective medium theory for magnetodielectric composites: Beyond the long-wavelength limit. Physical Review B, 2006, 74, .	1.1	190

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37	Robust Photonic Band Gap from Tunable Scatterers. <i>Physical Review Letters</i> , 2000, 84, 2853-2856.	2.9	186
38	Tight-binding molecular-dynamics study of phonon anharmonic effects in silicon and diamond. <i>Physical Review B</i> , 1990, 42, 11276-11283.	1.1	172
39	One-way edge mode in a magneto-optical honeycomb photonic crystal. <i>Physical Review B</i> , 2009, 80, .	1.1	170
40	Photonic band gaps and defects in two dimensions: Studies of the transmission coefficient. <i>Physical Review B</i> , 1993, 48, 14121-14126.	1.1	164
41	Effective dielectric constant of periodic composite structures. <i>Physical Review B</i> , 1993, 48, 14936-14943.	1.1	160
42	Tight-binding molecular-dynamics study of defects in silicon. <i>Physical Review Letters</i> , 1991, 66, 189-192.	2.9	158
43	Theory of the thermal expansion of Si and diamond. <i>Physical Review B</i> , 1991, 43, 5024-5027.	1.1	152
44	Electromagnetic-Wave Tunneling Through Negative-Permittivity Media with High Magnetic Fields. <i>Physical Review Letters</i> , 2005, 94, .	2.9	150
45	Directive emissions from subwavelength metamaterial-based cavities. <i>Applied Physics Letters</i> , 2005, 86, 101101.	1.5	150
46	Relativistic effects on ground state properties of 4d and 5d transition metals. <i>Journal of Physics Condensed Matter</i> , 1990, 2, 4371-4394.	0.7	149
47	Density-functional energies and forces with Gaussian-broadened fractional occupations. <i>Physical Review B</i> , 1994, 49, 13975-13978.	1.1	149
48	Molecular-dynamics simulation of thermal conductivity in amorphous silicon. <i>Physical Review B</i> , 1991, 43, 6573-6580.	1.1	147
49	Work function of single-walled and multiwalled carbon nanotubes: First-principles study. <i>Physical Review B</i> , 2007, 76, .	1.1	147
50	The geometry of small fullerene cages: C ₂₀ to C ₇₀ . <i>Journal of Chemical Physics</i> , 1992, 97, 5007-5011.	1.2	145
51	Tight-binding molecular-dynamics study of amorphous carbon. <i>Physical Review Letters</i> , 1993, 70, 611-614.	2.9	145
52	Au(111): A theoretical study of the surface reconstruction and the surface electronic structure. <i>Physical Review B</i> , 1991, 43, 13899-13906.	1.1	141
53	Metamaterial frequency-selective superabsorber. <i>Optics Letters</i> , 2009, 34, 644.	1.7	141
54	Photonic Band Gaps in Experimentally Realizable Periodic Dielectric Structures. <i>Europhysics Letters</i> , 1991, 16, 563-568.	0.7	140

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55	Fabrication of large area two- and three-dimensional polymer photonic crystals using single refracting prism holographic lithography. Applied Physics Letters, 2005, 86, 241102.	1.5	135
56	Reversal of transmission and reflection based on acoustic metagratings with integer parity design. Nature Communications, 2019, 10, 2326.	5.8	135
57	Dirac cones at $k\hat{t}'=$ in acoustic crystals and zero refractive index acoustic materials. Applied Physics Letters, 2012, 100, .	1.5	130
58	Experimental Realization of a Circuit-Based Broadband Illusion-Optics Analogue. Physical Review Letters, 2010, 105, 233906.	2.9	128
59	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
60	Charge-transfer effects in graphite intercalates: Ab initio calculations and neutron-diffraction experiment. Physical Review Letters, 1987, 58, 1528-1531.	2.9	127
61	Extending the bandwidth of electromagnetic cloaks. Physical Review B, 2007, 76, .	1.1	126
62	Photonic clusters formed by dielectric microspheres: Numerical simulations. Physical Review B, 2005, 72, .	1.1	125
63	Coalescence of exceptional points and phase diagrams for one-dimensional P - T -symmetric photonic crystals. Physical Review B, 2015, 92, .	1.1	125
64	Topological Subspace-Induced Bound State in the Continuum. Physical Review Letters, 2017, 118, 166803.	2.9	125
65	Empirical tight-binding force model for molecular-dynamics simulation of Si. Physical Review B, 1989, 39, 8586-8592.	1.1	120
66	Subwavelength Photonic Band Gaps from Planar Fractals. Physical Review Letters, 2002, 89, 223901.	2.9	118
67	Photonic crystals with silver nanowires as a near-infrared superlens. Applied Physics Letters, 2004, 85, 1520-1522.	1.5	117
68	Chiral microstructures (spirals) fabrication by holographic lithography. Optics Express, 2005, 13, 7615.	1.7	116
69	Structural and electronic properties of the martensitic alloys TiNi, TiPd, and TiPt. Physical Review B, 1997, 56, 3678-3689.	1.1	111
70	Topological edge plasmon modes between diatomic chains of plasmonic nanoparticles. Optics Express, 2015, 23, 2021.	1.7	111
71	First-principles total-energy calculation of gallium nitride. Physical Review B, 1992, 45, 1159-1162.	1.1	109
72	The Anti-Cloak. Optics Express, 2008, 16, 14603.	1.7	109

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73	Tight-binding molecular dynamics with linear system-size scaling. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 9153-9172.	0.7	107
74	The geometry of large fullerene cages: C72 to C102. <i>Journal of Chemical Physics</i> , 1993, 98, 3095-3102.	1.2	105
75	Exceptional nexus with a hybrid topological invariant. <i>Science</i> , 2020, 370, 1077-1080.	6.0	104
76	Three-dimensional self-assembly of metal nanoparticles: Possible photonic crystal with a complete gap below the plasma frequency. <i>Physical Review B</i> , 2001, 64, .	1.1	102
77	Refraction of Water Waves by Periodic Cylinder Arrays. <i>Physical Review Letters</i> , 2005, 95, 154501.	2.9	96
78	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> , 1992, 4, 5189-5206.	0.7	95
79	Electromagnetic-wave propagation through dispersive and absorptive photonic-band-gap materials. <i>Physical Review B</i> , 1994, 49, 11080-11087.	1.1	94
80	Electromagnetic wave manipulation by layered systems using the transformation media concept. <i>Physical Review B</i> , 2008, 78, .	1.1	94
81	Klein tunneling and supercollimation of pseudospin-1 electromagnetic waves. <i>Physical Review B</i> , 2016, 93, .	1.1	93
82	Measurement of non-monotonic Casimir forces between silicon nanostructures. <i>Nature Photonics</i> , 2017, 11, 97-101.	15.6	93
83	Realization of optical pulling forces using chirality. <i>Physical Review A</i> , 2014, 89, .	1.0	91
84	Defect and transmission properties of two-dimensional quasiperiodic photonic band-gap systems. <i>Physical Review B</i> , 1999, 59, 4091-4099.	1.1	90
85	Plasmonic modes in periodic metal nanoparticle chains: a direct dynamic eigenmode analysis. <i>Optics Letters</i> , 2007, 32, 973.	1.7	89
86	Self-consistent pseudopotential calculation of the electronic structure of PdH and Pd4H. <i>Physical Review B</i> , 1983, 27, 3325-3337.	1.1	88
87	Systematic study of structures and stabilities of fullerenes. <i>Physical Review B</i> , 1992, 46, 7333-7336.	1.1	88
88	Surface atomic structures, surface energies, and equilibrium crystal shape of molybdenum. <i>Physical Review B</i> , 1998, 57, 1875-1880.	1.1	88
89	Controlled Chainlike Agglomeration of Charged Gold Nanoparticles via a Deliberate Interaction Balance. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16830-16839.	1.5	87
90	Arbitrary order exceptional point induced by photonic spin-orbit interaction in coupled resonators. <i>Nature Communications</i> , 2019, 10, 832.	5.8	85

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91	Dirac cones at $k=0$ in phononic crystals. Physical Review B, 2011, 84, .	2.1	84
92	Arbitrary Control of Electromagnetic Flux in Inhomogeneous Anisotropic Media with Near-Zero Index. Physical Review Letters, 2014, 112, 073903.	2.9	84
93	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
94	Experimental Demonstration of an Anisotropic Exceptional Point. Physical Review Letters, 2018, 121, 085702.	2.9	80
95	Electronic structure of dangling and floating bonds in amorphous silicon. Physical Review Letters, 1989, 63, 1491-1494.	2.9	78
96	Metallic Helix Array as a Broadband Wave Plate. Physical Review Letters, 2011, 107, 177401.	2.9	78
97	Field Induced Structural Transition in Mesocrystallites. Physical Review Letters, 1999, 82, 4248-4251.	2.9	77
98	Effect of disorder on photonic band gaps. Physical Review B, 1999, 59, 12767-12770.	1.1	77
99	Manipulating Negative-Refractive Behavior with a Magnetic Field. Physical Review Letters, 2008, 101, 157407.	2.9	77
100	Dirac Spectra and Edge States in Honeycomb Plasmonic Lattices. Physical Review Letters, 2009, 102, 123904.	2.9	77
101	Topological Rainbow Concentrator Based on Synthetic Dimension. Physical Review Letters, 2021, 126, 113902.	2.9	77
102	Experimental and Theoretical Investigation of Single Cu, Ag, and Au Atoms Adsorbed on Si(111)-(7 \times 7). Physical Review Letters, 2005, 94, 176104.	2.9	76
103	Determination of Zak phase by reflection phase in 1D photonic crystals. Optics Letters, 2015, 40, 5259.	1.7	75
104	Theoretical study of noble-metal (100) surface reconstructions using first-principles techniques. Physical Review Letters, 1989, 63, 1273-1276.	2.9	74
105	Optical nonlinear response of a single nonlinear dielectric layer sandwiched between two linear dielectric structures. Physical Review B, 1997, 56, 15090-15099.	1.1	74
106	Goos-Hänchen effect in epsilon-near-zero metamaterials. Scientific Reports, 2015, 5, 8681.	1.6	74
107	Conical Dispersion and Effective Zero Refractive Index in Photonic Quasicrystals. Physical Review Letters, 2015, 114, 163901.	2.9	73
108	Role of Surface-State Nesting in the Incommensurate Reconstruction of Mo(001). Physical Review Letters, 1988, 60, 2066-2069.	2.9	71

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109	Strong optical force induced by morphology-dependent resonances. <i>Optics Letters</i> , 2005, 30, 1956.	1.7	70
110	Zone-center phonon frequencies for graphite and graphite intercalation compounds: Charge-transfer and intercalate-coupling effects. <i>Physical Review B</i> , 1987, 36, 3499-3502.	1.1	69
111	Realization of optical periodic quasicrystals using holographic lithography. <i>Applied Physics Letters</i> , 2006, 88, 051901.	1.5	69
112	Lattice Dynamics and Electron-Phonon Interaction in (3,3) Carbon Nanotubes. <i>Physical Review Letters</i> , 2004, 93, 245501.	2.9	67
113	Phononic crystals. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 3454-3462.	0.7	66
114	Dirac Dispersion in Two-Dimensional Photonic Crystals. <i>Advances in OptoElectronics</i> , 2012, 2012, 1-11.	0.6	66
115	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> , 1986, 33, 2455-2464.	1.1	65
116	Tight-binding molecular-dynamics study of liquid Si. <i>Physical Review B</i> , 1992, 45, 12227-12232.	1.1	65
117	Wave propagation in nonlinear photonic band-gap materials. <i>Physical Review B</i> , 1996, 53, 15577-15585.	1.1	65
118	Faceting Induced by Ultrathin Metal Films: A First Principles Study. <i>Physical Review Letters</i> , 1997, 79, 4230-4233.	2.9	65
119	Experimental Observation of Acoustic Weyl Points and Topological Surface States. <i>Physical Review Applied</i> , 2018, 10, .	1.5	64
120	Diamagnetic Response of Metallic Photonic Crystals at Infrared and Visible Frequencies. <i>Physical Review Letters</i> , 2006, 96, 223901.	2.9	63
121	Ultrasensitive Media and Transformation Optics with Shifted Spatial Dispersions. <i>Physical Review Letters</i> , 2016, 117, 223901.	2.9	63
122	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
123	Topological interface modes in local resonant acoustic systems. <i>Physical Review B</i> , 2018, 98, .	1.1	63
124	Efficient Visible Photoluminescence from Carbon Nanotubes in Zeolite Templates. <i>Physical Review Letters</i> , 2004, 93, .	2.9	61
125	Resonant transmission of microwaves through subwavelength fractal slits in a metallic plate. <i>Physical Review B</i> , 2005, 72, .	1.1	61
126	Experimental observation of non-Abelian topological charges and edge states. <i>Nature</i> , 2021, 594, 195-200.	13.7	61

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127	First-principles calculations of equilibrium ground-state properties of Au and Ag. Physical Review B, 1989, 40, 1565-1570.	1.1	60
128	Polarization gaps in spiral photonic crystals. Optics Express, 2005, 13, 8083.	1.7	59
129	Cohesive properties of crystalline solids by the generalized gradient approximation. Physical Review B, 1990, 42, 9357-9364.	1.1	58
130	Structure and dynamics of C ₆₀ and C ₇₀ from tight-binding molecular dynamics. Physical Review B, 1992, 46, 9761-9767.	1.1	58
131	Superconducting characteristics of 4- β , γ -carbon nanotube-zeolite composite. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7299-7303.	3.3	58
132	Theory and Experimental Realization of Negative Refraction in a Metallic Helix Array. Physical Review Letters, 2010, 105, 247401.	2.9	58
133	Directional acoustic source based on the resonant cavity of two-dimensional phononic crystals. Applied Physics Letters, 2005, 86, 224105.	1.5	57
134	Reconstruction of the (100) surfaces of Au and Ag. Physical Review B, 1991, 43, 14363-14370.	1.1	56
135	Initial growth mode of Au on Ag(110) studied with first-principles calculations. Physical Review Letters, 1992, 69, 1672-1675.	2.9	56
136	Sufficient condition for the existence of interface states in some two-dimensional photonic crystals. Physical Review B, 2014, 90, .	1.1	56
137	The Emergence of Dirac points in Photonic Crystals with Mirror Symmetry. Scientific Reports, 2015, 5, 8186.	1.6	55
138	Energetics of vacancy and substitutional impurities in aluminum bulk and clusters. Physical Review B, 1997, 55, 13842-13852.	1.1	54
139	Transformation media for linear liquid surface waves. Europhysics Letters, 2009, 85, 24004.	0.7	53
140	Topological One-Way Large-Area Waveguide States in Magnetic Photonic Crystals. Physical Review Letters, 2021, 126, 067401.	2.9	53
141	Molecular-dynamics study of anharmonic effects in silicon. Physical Review B, 1989, 40, 3390-3393.	1.1	52
142	Theoretical study of alkali-atom insertion into small-radius carbon nanotubes to form single-atom chains. Physical Review B, 2001, 64, .	1.1	52
143	Negative Optical Torque. Scientific Reports, 2014, 4, 6386.	1.6	51
144	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

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145	Tailoring Optical Gradient Force and Optical Scattering and Absorption Force. Scientific Reports, 2017, 7, 18042.	1.6	51
146	Observation of Three-Dimensional Photonic Dirac Points and Spin-Polarized Surface Arcs. Physical Review Letters, 2019, 122, 203903.	2.9	51
147	Coexistence of {011} facets with {112} facets on W(111) induced by ultrathin films of Pd. Physical Review B, 1999, 59, 10335-10340.	1.1	50
148	On extending the concept of double negativity to acoustic waves. Journal of Zhejiang University: Science A, 2006, 7, 24-28.	1.3	50
149	Dirac-like cone-based electromagnetic zero-index metamaterials. Light: Science and Applications, 2021, 10, 203.	7.7	50
150	Vibrational states for hydrogen in palladium. Physical Review B, 1991, 44, 10377-10380.	1.1	49
151	First-principles pseudopotential calculations for hydrogen in 4d transition metals. II. Vibrational states for interstitial hydrogen isotopes. Journal of Physics Condensed Matter, 1992, 4, 5207-5226.	0.7	49
152	Nanophotonic Array-Induced Dynamic Behavior for Label-Free Shape-Selective Bacteria Sieving. ACS Nano, 2019, 13, 12070-12080.	7.3	48
153	Coexistence of a new type of bound state in the continuum and a lasing threshold mode induced by PT symmetry. Science Advances, 2020, 6, eabc1160.	4.7	48
154	Calculated polarizabilities of small Si clusters. Physical Review A, 2000, 61, .	1.0	47
155	Optical Properties of Nanoparticle-Based Metallodielectric Inverse Opals. Small, 2004, 1, 122-130.	5.2	47
156	Dynamically encircling exceptional points in a three-mode waveguide system. Communications Physics, 2019, 2, .	2.0	47
157	Multiband subwavelength magnetic reflectors based on fractals. Applied Physics Letters, 2003, 83, 3257-3259.	1.5	46
158	Reshaping the perfect electrical conductor cylinder arbitrarily. New Journal of Physics, 2008, 10, 113016.	1.2	46
159	Non-Abelian gauge field optics. Nature Communications, 2019, 10, 3125.	5.8	46
160	Thermal disintegration of carbon fullerenes. Physical Review B, 1993, 48, 11381-11384.	1.1	45
161	Microwave transmission through metallic hole arrays: Surface electric field measurements. Applied Physics Letters, 2006, 89, 131917.	1.5	45
162	Size-selective optical forces for microspheres using evanescent wave excitation of whispering gallery modes. Applied Physics Letters, 2008, 92, 251109.	1.5	45

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163	Symmetry-protected transport in a pseudospin-polarized waveguide. <i>Nature Communications</i> , 2015, 6, 8183.	5.8	45
164	Tight-binding model for hydrogen-silicon interactions. <i>Physical Review B</i> , 1992, 45, 6839-6843.	1.1	44
165	Hamiltonian Hopping for Efficient Chiral Mode Switching in Encircling Exceptional Points. <i>Physical Review Letters</i> , 2020, 125, 187403.	2.9	44
166	Theoretical study of the cohesive and structural properties of Mo and W in bcc, fcc, and hcp structures. <i>Physical Review B</i> , 1986, 33, 7941-7946.	1.1	43
167	Structure and dynamics of liquid carbon. <i>Physical Review B</i> , 1993, 47, 14835-14841.	1.1	43
168	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> , 1996, 54, 14111-14120.	1.1	43
169	On-chip nanophotonic topological rainbow. <i>Nature Communications</i> , 2022, 13, 2586.	5.8	43
170	Photonic Floquet media with a complex time-periodic permittivity. <i>Physical Review B</i> , 2018, 98, .	1.1	42
171	Spatial Bloch oscillations of plasmons in nanoscale metal waveguide arrays. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	41
172	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.	2.9	41
173	Topological transport of sound mediated by spin-redirected geometric phase. <i>Science Advances</i> , 2018, 4, eaaq1475.	4.7	41
174	Surface band structures on Nb(001). <i>Physical Review B</i> , 1994, 50, 11093-11101.	1.1	40
175	Ab initio study of iron and iron hydride: I. Cohesion, magnetism and electronic structure of cubic Fe and FeH. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 5081-5111.	0.7	40
176	Theoretical studies on the transmission and reflection properties of metallic planar fractals. <i>Journal Physics D: Applied Physics</i> , 2004, 37, 368-373.	1.3	40
177	Theoretical study of the adsorption of H ₂ on (3,3) carbon nanotubes. <i>Physical Review B</i> , 2005, 72, .	1.1	40
178	Topological edge modes in multilayer graphene systems. <i>Optics Express</i> , 2015, 23, 21585.	1.7	40
179	Hydrogen in subsurface sites of Pd(111): Self-consistent electronic structure. <i>Physical Review B</i> , 1984, 30, 4153-4163.	1.1	39
180	Reflectivity of planar metallic fractal patterns. <i>Applied Physics Letters</i> , 2003, 82, 1012-1014.	1.5	39

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181	A simple route to a tunable electromagnetic gateway. <i>New Journal of Physics</i> , 2009, 11, 083012.	1.2	39
182	Negative Effective Gravity in Water Waves by Periodic Resonator Arrays. <i>Physical Review Letters</i> , 2011, 106, 174501.	2.9	39
183	Linear and nonlinear Fano resonance on two-dimensional magnetic metamaterials. <i>Physical Review B</i> , 2011, 84, .	1.1	38
184	Merging bound states in the continuum by harnessing higher-order topological charges. <i>Light: Science and Applications</i> , 2022, 11, .	7.7	38
185	Ding, Chan, and Ho reply. <i>Physical Review Letters</i> , 1992, 69, 2452-2452.	2.9	37
186	Multiple scattering theory and its application to photonic band gap systems consisting of coated spheres. <i>Optics Express</i> , 2001, 8, 203.	1.7	37
187	Effects due to disorder on photonic crystal-based waveguides. <i>Applied Physics Letters</i> , 2003, 82, 4414-4416.	1.5	37
188	Exterior optical cloaking and illusions by using active sources: A boundary element perspective. <i>Physical Review B</i> , 2010, 81, .	1.1	37
189	Optical force on toroidal nanostructures: Toroidal dipole versus renormalized electric dipole. <i>Physical Review A</i> , 2015, 92, .	1.0	37
190	All-dimensional subwavelength cavities made with metamaterials. <i>Applied Physics Letters</i> , 2006, 89, 104101.	1.5	36
191	The existence of topological edge states in honeycomb plasmonic lattices. <i>New Journal of Physics</i> , 2016, 18, 103029.	1.2	36
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