

Ming-Hui Lu

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.

156
papers

7,939
citations

40
h-index

87
g-index

171
ext. papers

10,110
ext. citations

6.5
avg, IF

6.15
L-index

#	Paper	IF	Citations
156	Quality inspection of micro solder joints in laser spot welding by laser ultrasonic method. <i>Ultrasonics</i> , 2022 , 118, 106567	3.5	0
155	Reconfigurable Light Imaging in Photonic Higher-Order Topological Insulators.. <i>Nanomaterials</i> , 2022 , 12,	5.4	2
154	Asymmetric Generation of Acoustic Vortex Using Dual-Layer Metasurfaces.. <i>Physical Review Letters</i> , 2022 , 128, 104501	7.4	5
153	Extended topological valley-locked surface acoustic waves.. <i>Nature Communications</i> , 2022 , 13, 1324	17.4	4
152	Growth and Thermal Conductivity Study of CuCr ₂ Se ₄ -CuCrSe ₂ Hetero-Composite Crystals. <i>Crystals</i> , 2022 , 12, 433	2.3	
151	A monolithic three-dimensional thermal convective acoustic vector sensor with acoustic-transparent heat sink. <i>JASA Express Letters</i> , 2022 , 2, 044001		0
150	Multifunctional cellulose wood with effective acoustic absorption. <i>AIP Advances</i> , 2022 , 12, 055102	1.5	0
149	High-harmonic generation in Weyl semimetal $\bar{W}P$ crystals. <i>Nature Communications</i> , 2021 , 12, 6437	17.4	3
148	Giant Thermal Transport Tuning at a Metal/Ferroelectric Interface. <i>Advanced Materials</i> , 2021 , e2105778	24	2
147	Topological Surface Acoustic Waves. <i>Physical Review Applied</i> , 2021 , 16,	4.3	7
146	Electrically Tunable Elastic Topological Insulators Using Atomically Thin Two-Dimensional Materials Pinned on Patterned Substrates. <i>Physical Review Applied</i> , 2021 , 15,	4.3	3
145	Valley-Selective Topological Corner States in Sonic Crystals. <i>Physical Review Letters</i> , 2021 , 126, 156401	7.4	16
144	Ultralow Lattice Thermal Conductivity of A _{0.5} RhO ₂ (A = K, Rb, Cs) Induced by Interfacial Scattering and Resonant Scattering. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 11648-11655	3.8	2
143	Multiple carrier transport in high-quality $\bar{E}n$ films grown on CdTe (001) by molecular beam epitaxy. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2021 , 39, 033408	2.9	1
142	Demonstration of microwave plasmonic-like vortices with tunable topological charges by a single metaparticle. <i>Applied Physics Letters</i> , 2021 , 118, 241106	3.4	3
141	Photonic analog of bilayer graphene. <i>Physical Review B</i> , 2021 , 103,	3.3	4
140	Higher-order band topology. <i>Nature Reviews Physics</i> , 2021 , 3, 520-532	23.6	40

139	An Ultrastretchable Reflective Electrode Based on a Liquid Metal Film for Deformable Optoelectronics 2021 , 3, 1104-1111		4
138	Knitting topological bands in artificial sonic semimetals. <i>Materials Today Physics</i> , 2021 , 16, 100299	8	5
137	Critical couplings in topological-insulator waveguide-resonator systems observed in elastic waves. <i>National Science Review</i> , 2021 , 8, nwaa262	10.8	9
136	Principles, Functions, and Applications of Optical Meta-Lens. <i>Advanced Optical Materials</i> , 2021 , 9, 200141841	18.1	39
135	Quantum superposition demonstrated higher-order topological bound states in the continuum. <i>Light: Science and Applications</i> , 2021 , 10, 173	16.7	7
134	Observation of higher-order non-Hermitian skin effect. <i>Nature Communications</i> , 2021 , 12, 5377	17.4	9
133	Observation of Acoustic Skyrmions. <i>Physical Review Letters</i> , 2021 , 127, 144502	7.4	8
132	Slow Surface Acoustic Waves via Lattice Optimization of a Phononic Crystal on a Chip. <i>Physical Review Applied</i> , 2020 , 14,	4.3	3
131	An integrable and configurable phononic beam splitter based on self-collimated surface acoustic waves. <i>Applied Physics Express</i> , 2020 , 13, 044002	2.4	3
130	Conductivity Modulation of a Slit Channel in a Monolayer MoS ₂ Homostructure. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020 , 14, 2000082	2.5	
129	Acoustic analogues of three-dimensional topological insulators. <i>Nature Communications</i> , 2020 , 11, 2318	17.4	20
128	Interface Engineering and Epitaxial Growth of Single-Crystalline Aluminum Films on Semiconductors. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2000572	4.6	4
127	Acoustic Ghost Imaging in the Time Domain. <i>Physical Review Applied</i> , 2020 , 13,	4.3	4
126	Symmetry selective directionality in near-field acoustics. <i>National Science Review</i> , 2020 , 7, 1024-1035	10.8	19
125	Acoustic Multifunctional Logic Gates and Amplifier Based on Passive Parity-Time Symmetry. <i>Physical Review Applied</i> , 2020 , 13,	4.3	5
124	Anomalous quadrupole topological insulators in two-dimensional nonsymmorphic sonic crystals. <i>Physical Review B</i> , 2020 , 102,	3.3	6
123	Three-dimensional anti-chiral auxetic metamaterial with tunable phononic bandgap. <i>Applied Physics Letters</i> , 2020 , 116, 021902	3.4	19
122	Exchange-biased nanocomposite ferromagnetic insulator. <i>Physical Review B</i> , 2020 , 101,	3.3	4

121	Direct Growth of Antimonene on C-Plane Sapphire by Molecular Beam Epitaxy. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 639	2.6	2
120	High pyroelectric performance due to ferroelectric-antiferroelectric transition near room temperature. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 7820-7827	7.1	4
119	Photonic non-Hermitian skin effect and non-Bloch bulk-boundary correspondence. <i>Physical Review Research</i> , 2020 , 2,	3.9	29
118	One-Order Decrease of Thermal Conductivity in Nanostructured ZrTe ₅ and HfTe ₅ Crystals. <i>Crystal Growth and Design</i> , 2020 , 20, 680-687	3.5	3
117	Topological photonic crystals: a review. <i>Frontiers of Optoelectronics</i> , 2020 , 13, 50-72	2.8	19
116	Symmetry-protected hierarchy of anomalous multipole topological band gaps in nonsymmorphic metacrystals. <i>Nature Communications</i> , 2020 , 11, 65	17.4	40
115	Corner states and topological transitions in two-dimensional higher-order topological sonic crystals with inversion symmetry. <i>Physical Review B</i> , 2020 , 102,	3.3	9
114	Higher-order quantum spin Hall effect in a photonic crystal. <i>Nature Communications</i> , 2020 , 11, 3768	17.4	50
113	Nanosized Phase-Changeable "Sonocyte" for Promoting Ultrasound Assessment. <i>Small</i> , 2020 , 16, e2002950	2.5	5
112	Probing the Spatial Impulse Response of Ultrahigh-Frequency Ultrasonic Transducers with Photoacoustic Waves. <i>Physical Review Applied</i> , 2020 , 14,	4.3	5
111	Magic-angle bilayer phononic graphene. <i>Physical Review B</i> , 2020 , 102,	3.3	11
110	Parity-Time Symmetry in Non-Hermitian Complex Optical Media. <i>Advanced Materials</i> , 2020 , 32, e1903639	2.4	29
109	Exceptional concentric rings in a non-Hermitian bilayer photonic system. <i>Physical Review B</i> , 2019 , 100,	3.3	9
108	Enhanced synergistic catalysis by a novel triple-phase interface design of NiO/Ru@Ni for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 2344-2350	13	43
107	Quantum transport characteristics of heavily doped bismuth selenide nanoribbons. <i>Npj Quantum Materials</i> , 2019 , 4,	5	20
106	Guiding robust valley-dependent edge states by surface acoustic waves. <i>Journal of Applied Physics</i> , 2019 , 125, 044502	2.5	16
105	Thermal transport in molecular beam epitaxy grown Si _{1-x} Gex alloy films with a full spectrum of composition (x = 0-1). <i>Journal of Applied Physics</i> , 2019 , 125, 215109	2.5	2
104	Visualization of Higher-Order Topological Insulating Phases in Two-Dimensional Dielectric Photonic Crystals. <i>Physical Review Letters</i> , 2019 , 122, 233903	7.4	165

103	Electron-electron scattering dominated electrical and magnetotransport properties in the quasi-two-dimensional Fermi liquid single-crystal Bi ₂ O ₂ Se. <i>Physical Review B</i> , 2019 , 99,	3.3	11
102	Second-order topology and multidimensional topological transitions in sonic crystals. <i>Nature Physics</i> , 2019 , 15, 582-588	16.2	170
101	Photonic Topological States in a Two-Dimensional Gyrotropic Photonic Crystal. <i>Crystals</i> , 2019 , 9, 137	2.3	5
100	A comparison study between acoustic topological states based on valley Hall and quantum spin Hall effects. <i>Journal of the Acoustical Society of America</i> , 2019 , 146, 721	2.2	11
99	Thermal Stability Enhancement in Epitaxial Alpha Tin Films by Strain Engineering. <i>Advanced Engineering Materials</i> , 2019 , 21, 1900410	3.5	10
98	Soft elastomeric composite materials with skin-inspired mechanical properties for stretchable electronic circuits. <i>Lab on A Chip</i> , 2019 , 19, 2709-2717	7.2	18
97	Glutathione Induced Transformation of Partially Hollow Gold-Silver Nanocages for Cancer Diagnosis and Photothermal Therapy. <i>Small</i> , 2019 , 15, e1902755	11	17
96	Precision Imprinted Nanostructural Wood. <i>Advanced Materials</i> , 2019 , 31, e1903270	24	20
95	Hybrid Acoustic Topological Insulator in Three Dimensions. <i>Physical Review Letters</i> , 2019 , 123, 195503	7.4	16
94	Aggregation: Glutathione Induced Transformation of Partially Hollow Gold/Silver Nanocages for Cancer Diagnosis and Photothermal Therapy (Small 35/2019). <i>Small</i> , 2019 , 15, 1970188	11	
93	Research advances in acoustic metamaterials. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2019 , 68, 194301	0.6	6
92	Robust and High-Capacity Phononic Communications through Topological Edge States by Discrete Degree-of-Freedom Multiplexing. <i>Physical Review Applied</i> , 2019 , 12,	4.3	17
91	Ultralow cross-plane lattice thermal conductivity caused by BiD/BiD interfaces in natural superlattice-like single crystals. <i>CrystEngComm</i> , 2019 , 21, 6261-6268	3.3	2
90	Dimensional hierarchy of higher-order topology in three-dimensional sonic crystals. <i>Nature Communications</i> , 2019 , 10, 5331	17.4	48
89	Tunable Auxetic Mechanical Metamaterials with Arch-Shaped Units. <i>Physica Status Solidi - Rapid Research Letters</i> , 2019 , 13, 1800376	2.5	4
88	How to probe the spin contribution to momentum relaxation in topological insulators. <i>Nature Communications</i> , 2018 , 9, 56	17.4	4
87	Breaking the barriers: advances in acoustic functional materials. <i>National Science Review</i> , 2018 , 5, 159-182	0.8	102
86	Shubnikov-De Haas oscillations in bulk ZrTe ₅ single crystals: Evidence for a weak topological insulator. <i>Physical Review B</i> , 2018 , 97,	3.3	16

85	Mobility-controlled extremely large magnetoresistance in perfect electron-hole compensated W ₂ P ₂ crystals. <i>Physical Review B</i> , 2018 , 97,	3.3	13
84	Elastic pseudospin transport for integratable topological phononic circuits. <i>Nature Communications</i> , 2018 , 9, 3072	17.4	121
83	Experimental Observation of Acoustic Weyl Points and Topological Surface States. <i>Physical Review Applied</i> , 2018 , 10,	4.3	49
82	Imaging localized phononic cavity modes with laser interferometer. <i>Journal Physics D: Applied Physics</i> , 2018 , 51, 255104	3	8
81	A comparative experimental study on the cross-plane thermal conductivities of nano-constructed SbTe/(Cu, Ag, Au, Pt) thermoelectric multilayer thin films. <i>Nano Convergence</i> , 2018 , 5, 22	9.2	4
80	Second-order photonic topological insulator with corner states. <i>Physical Review B</i> , 2018 , 98,	3.3	167
79	Topological sound. <i>Communications Physics</i> , 2018 , 1,	5.4	128
78	Experimental observation of conductive edge states in weak topological insulator candidate HfTe ₅ . <i>APL Materials</i> , 2018 , 6, 121111	5.7	13
77	Slow and robust plate acoustic waveguiding with valley-dependent pseudospins. <i>Applied Physics Express</i> , 2018 , 11, 107301	2.4	11
76	Bound states in the continuum in a bilayer photonic crystal with TE-TM cross coupling. <i>Physical Review B</i> , 2018 , 98,	3.3	15
75	Three-dimensional topological acoustic crystals with pseudospin-valley coupled saddle surface states. <i>Nature Communications</i> , 2018 , 9, 4555	17.4	35
74	Photonics meets topology. <i>Optics Express</i> , 2018 , 26, 24531-24550	3.3	53
73	Optical lattices with higher-order exceptional points by non-Hermitian coupling. <i>Applied Physics Letters</i> , 2018 , 113, 101108	3.4	17
72	Z topological edge state in honeycomb lattice of coupled resonant optical waveguides with a flat band. <i>Optics Express</i> , 2018 , 26, 24307-24317	3.3	18
71	Topological node lines in mechanical metacrystals. <i>Physical Review B</i> , 2018 , 97,	3.3	10
70	Using coupling slabs to tailor surface-acoustic-wave band structures in phononic crystals consisting of pillars attached to elastic substrates. <i>Science China: Physics, Mechanics and Astronomy</i> , 2017 , 60, 1	3.6	5
69	Polymorph separation induced by angle distortion and electron delocalization effect via orbital modification in VO ₂ epitaxial thin films. <i>Physical Review B</i> , 2017 , 95,	3.3	12
68	Experimental Observation of Anisotropic Adler-Bell-Jackiw Anomaly in Type-II Weyl Semimetal WTe ₂ Crystals at the Quasiclassical Regime. <i>Physical Review Letters</i> , 2017 , 118, 096603	7.4	81

67	Broadband gradient impedance matching using an acoustic metamaterial for ultrasonic transducers. <i>Scientific Reports</i> , 2017 , 7, 42863	4.9	33
66	Dirac line nodes and effect of spin-orbit coupling in the nonsymmorphic critical semimetals MSiS(M=Hf,Zr). <i>Physical Review B</i> , 2017 , 95,	3.3	93
65	Composition and temperature-dependent phase transition in miscible MoWTe single crystals. <i>Scientific Reports</i> , 2017 , 7, 44587	4.9	41
64	A trapped mode by higher-order Fano-like interference in a symmetric plasmonic structure. <i>Applied Physics A: Materials Science and Processing</i> , 2017 , 123, 1	2.6	3
63	Anomalous thermal anisotropy of two-dimensional nanoplates of vertically grown MoS ₂ . <i>Applied Physics Letters</i> , 2017 , 111, 163102	3.4	7
62	The relationship between anisotropic magnetoresistance and topology of Fermi surface in Td-MoTe ₂ crystal. <i>Journal of Applied Physics</i> , 2017 , 122, 045102	2.5	5
61	Two-dimensional topological photonic systems. <i>Progress in Quantum Electronics</i> , 2017 , 55, 52-73	9.1	48
60	Ultra-low thermal conductivities along c-axis of naturally misfit layered Bi ₂ [AE] ₂ Co ₂ O _y (AE = Ca, Ca _{0.5} Sr _{0.5} , Sr, Ba) single crystals. <i>Applied Physics Letters</i> , 2017 , 111, 033902	3.4	7
59	Broadband All-angle Negative Refraction by Optimized Phononic Crystals. <i>Scientific Reports</i> , 2017 , 7, 7445	4.9	14
58	Measurement of surface acoustic wave resonances in ferroelectric domains by microwave microscopy. <i>Journal of Applied Physics</i> , 2017 , 122, 074101	2.5	5
57	Investigation on the phase-transition-induced hysteresis in the thermal transport along the c-axis of MoTe ₂ . <i>Npj Quantum Materials</i> , 2017 , 2,	5	28
56	Observation of zone folding induced acoustic topological insulators and the role of spin-mixing defects. <i>Physical Review B</i> , 2017 , 96,	3.3	84
55	Composition dependent phase transition and its induced hysteretic effect in the thermal conductivity of W _x Mo _{1-x} Te ₂ . <i>Applied Physics Letters</i> , 2017 , 110, 211904	3.4	16
54	A 3D space coiling metamaterial with isotropic negative acoustic properties. <i>Applied Physics Letters</i> , 2017 , 111, 251904	3.4	14
53	Acoustic topological insulator and robust one-way sound transport. <i>Nature Physics</i> , 2016 , 12, 1124-1129	16.2	576
52	Experimental Observation of Topological Edge States at the Surface Step Edge of the Topological Insulator ZrTe ₅ . <i>Physical Review Letters</i> , 2016 , 116, 176803	7.4	126
51	Dramatically decreased magnetoresistance in non-stoichiometric WTe ₂ crystals. <i>Scientific Reports</i> , 2016 , 6, 26903	4.9	25
50	Asymmetric diffraction based on a passive parity-time grating. <i>Applied Physics Letters</i> , 2016 , 109, 111101	3.4	30

49	Manipulating one-way space wave and its refraction by time-reversal and parity symmetry breaking. <i>Scientific Reports</i> , 2016 , 6, 29380	4.9	10
48	Photonic topological insulator with broken time-reversal symmetry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 4924-8	11.5	139
47	Surface phononic graphene. <i>Nature Materials</i> , 2016 , 15, 1243-1247	27	59
46	Semiconductor/relaxor 0-3 type composites without thermal depolarization in Bi _{1-x} Na _x TiO ₃ -based lead-free piezoceramics. <i>Nature Communications</i> , 2015 , 6, 6615	17.4	197
45	Acoustic asymmetric transmission based on time-dependent dynamical scattering. <i>Scientific Reports</i> , 2015 , 5, 10880	4.9	38
44	Topologically protected one-way edge mode in networks of acoustic resonators with circulating air flow. <i>New Journal of Physics</i> , 2015 , 17, 053016	2.9	135
43	Planar self-aligned imprint lithography for coplanar plasmonic nanostructures fabrication. <i>Applied Physics A: Materials Science and Processing</i> , 2014 , 116, 657-662	2.6	3
42	Acoustic cloaking by a near-zero-index phononic crystal. <i>Applied Physics Letters</i> , 2014 , 104, 161904	3.4	71
41	TOPOLOGICAL PHOTONIC STATES. <i>International Journal of Modern Physics B</i> , 2014 , 28, 1441001	1.1	18
40	Accidental degeneracy of double Dirac cones in a phononic crystal. <i>Scientific Reports</i> , 2014 , 4, 4613	4.9	76
39	Acoustic rainbow trapping by coiling up space. <i>Scientific Reports</i> , 2014 , 4, 7038	4.9	60
38	Unidirectional Transmission Based on a Passive PT Symmetric Grating With a Nonlinear Silicon Distributed Bragg Reflector Cavity. <i>IEEE Photonics Journal</i> , 2014 , 6, 1-7	1.8	8
37	Photoluminescence and Temperature Dependent Electrical Properties of Er-Doped 0.94Bi _{0.5} Na _{0.5} TiO ₃ -0.06BaTiO ₃ Ceramics. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 3877-3882	3.8	21
36	Ordering of Gold Nanorods in Confined Spaces by Directed Assembly. <i>Macromolecules</i> , 2013 , 46, 2241-2248	3.9	69
35	Experimental demonstration of a unidirectional reflectionless parity-time metamaterial at optical frequencies. <i>Nature Materials</i> , 2013 , 12, 108-113	27	875
34	Observing electronic structures on ex-situ grown topological insulator thin films. <i>Physica Status Solidi - Rapid Research Letters</i> , 2013 , 7, 130-132	2.5	10
33	A new type of artificial structure to achieve broadband omnidirectional acoustic absorption. <i>AIP Advances</i> , 2013 , 3, 102122	1.5	10
32	Subwavelength imaging through spoof surface acoustic waves on a two-dimensional structured rigid surface. <i>Applied Physics Letters</i> , 2013 , 103, 103505	3.4	31

31	Multiple-band transmission of acoustic wave through metallic gratings. <i>Applied Physics Letters</i> , 2012 , 101, 061912	3.4	18
30	Tunable unidirectional sound propagation through a sonic-crystal-based acoustic diode. <i>Physical Review Letters</i> , 2011 , 106, 084301	7.4	339
29	One-way cloak based on nonreciprocal photonic crystal. <i>Applied Physics Letters</i> , 2011 , 99, 151112	3.4	14
28	Nonreciprocal light propagation in a silicon photonic circuit. <i>Science</i> , 2011 , 333, 729-33	33.3	447
27	Parity-time electromagnetic diodes in a two-dimensional nonreciprocal photonic crystal. <i>Physical Review B</i> , 2011 , 83,	3.3	39
26	Polaritons in an artificial ionic-type crystal made of two-dimensional periodically inversed multi-domain ferroelectric crystals. <i>Journal of Applied Physics</i> , 2011 , 109, 064110	2.5	10
25	Left-handed and right-handed one-way edge modes in a gyromagnetic photonic crystal. <i>Journal of Applied Physics</i> , 2010 , 107, 123117	2.5	19
24	Chiral properties in a two-dimensional chiral polaritonic photonic crystal. <i>Journal of Applied Physics</i> , 2010 , 108, 073103	2.5	6
23	Tunable one-way cross-waveguide splitter based on gyromagnetic photonic crystal. <i>Applied Physics Letters</i> , 2010 , 96, 111111	3.4	90
22	Acoustic surface evanescent wave and its dominant contribution to extraordinary acoustic transmission and collimation of sound. <i>Physical Review Letters</i> , 2010 , 104, 164301	7.4	114
21	First-principles study of the IVA group atoms adsorption on graphene. <i>Journal of Applied Physics</i> , 2010 , 107, 114311	2.5	29
20	Bulk acoustic wave delay line in acoustic superlattice. <i>Applied Physics Letters</i> , 2010 , 97, 092905	3.4	3
19	First principles study of CuAlO ₂ doping with S. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010 , 53, 1261-1265	3.6	14
18	Influence of boundary conditions on the one-way edge modes in two-dimensional magneto-optical photonic crystals. <i>Solid State Communications</i> , 2010 , 150, 1976-1979	1.6	7
17	Acousto-optic interaction in photonic crystals with defects. <i>Journal of Applied Physics</i> , 2009 , 106, 043107	2.5	23
16	Phononic crystals and acoustic metamaterials. <i>Materials Today</i> , 2009 , 12, 34-42	21.8	419
15	Extraordinary acoustic transmission through a 1D grating with very narrow apertures. <i>Physical Review Letters</i> , 2007 , 99, 174301	7.4	204
14	Negative birefracton of acoustic waves in a sonic crystal. <i>Nature Materials</i> , 2007 , 6, 744-8	27	146

13	Structures and dielectric properties of Bi _{1.5} Zn _{1.0} Nb _{1.5} Ti _x O ₇ (x=0, 0.05, and 0.10) thin films. <i>Applied Physics Letters</i> , 2007 , 90, 042903	3-4	16
12	All-angle negative refraction imaging effect with complex two-dimensional hexagonal photonic crystals. <i>Journal of Applied Physics</i> , 2007 , 102, 073538	2-5	13
11	Substitution-induced phase transition and enhanced multiferroic properties of Bi _{1-x} LaxFeO ₃ ceramics. <i>Applied Physics Letters</i> , 2006 , 88, 162901	3-4	321
10	Raman study of anharmonic phonons in SrBi ₄ Ti ₄ O ₁₅ thin films. <i>Journal of Applied Physics</i> , 2006 , 99, 094103	2-3	3
9	Composition-dependent structures and properties of (1-x)BaTiO ₃ -xNaNbO ₃ thin films. <i>Applied Physics Letters</i> , 2006 , 88, 092901	3-4	3
8	Raman spectroscopy of (Mn, Co)-codoped ZnO films. <i>Journal of Applied Physics</i> , 2006 , 99, 123515	2-5	125
7	Structure, optical, and magnetic properties of sputtered manganese and nitrogen-codoped ZnO films. <i>Applied Physics Letters</i> , 2006 , 88, 082111	3-4	68
6	Acoustic backward-wave negative refractions in the second band of a sonic crystal. <i>Physical Review Letters</i> , 2006 , 96, 014301	7-4	107
5	Refraction control of acoustic waves in a square-rod-constructed tunable sonic crystal. <i>Physical Review B</i> , 2006 , 73,	3-3	33
4	Larger polarization and weak ferromagnetism in quenched BiFeO ₃ ceramics with a distorted rhombohedral crystal structure. <i>Applied Physics Letters</i> , 2005 , 87, 262907	3-4	288
3	Optical, structural and photophysical properties of Ga ₂ BiTaO ₇ compound. <i>Journal of Materials Science</i> , 2005 , 40, 4905-4909	4-3	5
2	Magnetic and transport properties of (Mn, Co)-codoped ZnO films prepared by radio-frequency magnetron cosputtering. <i>Journal of Applied Physics</i> , 2005 , 98, 053908	2-5	58
1	Time reversal self-adaptive focusing in anisotropic elastic solid medium. <i>Acoustical Physics</i> , 2003 , 49, 688-694	1-1	6