

# chao-xing Liu

## List of Publications by Year in descending order

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200  
papers

18,705  
citations

30551

56  
h-index

13274

135  
g-index

202  
all docs

202  
docs citations

202  
times ranked

15751  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological insulators in Bi <sub>2</sub> Se <sub>3</sub> , Bi <sub>2</sub> Te <sub>3</sub> and Sb <sub>2</sub> Te <sub>3</sub> with a single Dirac cone on the surface. Nature Physics, 2009, 5, 438-442.	6.5	5,240
2	High-precision realization of robust quantum anomalous Hall state in a hard ferromagnetic topological insulator. Nature Materials, 2015, 14, 473-477.	13.3	765
3	Model Hamiltonian for topological insulators. Physical Review B, 2010, 82, .	1.1	719
4	Quantum Spin Hall Effect in Inverted Type-II Semiconductors. Physical Review Letters, 2008, 100, 236601.	2.9	647
5	Quantum Anomalous Hall Effect in $\text{HgTe}$ Quantum Wells. Physical Review Letters, 2008, 101, 146802.	2.9	598
6	Magnetic Impurities on the Surface of a Topological Insulator. Physical Review Letters, 2009, 102, 156603.	2.9	525
7	Oscillatory crossover from two-dimensional to three-dimensional topological insulators. Physical Review B, 2010, 81, .	1.1	459
8	Quantum Hall Effect from the Topological Surface States of Strained Bulk HgTe. Physical Review Letters, 2011, 106, 126803.	2.9	427
9	The Quantum Anomalous Hall Effect: Theory and Experiment. Annual Review of Condensed Matter Physics, 2016, 7, 301-321.	5.2	421
10	Observation of a Charged Charmoniumlike Structure in $\text{ZrTe}_5$ . Physical Review Letters, 2016, 116, 177201.	2.9	308
11	Stable Nontrivial $\mathbb{Z}_2$ Topology in Ultrathin Bi (111) Films: A First-Principles Study. Physical Review Letters, 2011, 107, 136805.	2.9	292
12	Chiral gauge field and axial anomaly in a Weyl semimetal. Physical Review B, 2013, 87, .	1.1	274
13	Observation of a Charged Charmoniumlike Structure in $\text{ZrTe}_5$ . Physical Review Letters, 2016, 116, 177201.	2.9	308

#	ARTICLE	IF	CITATIONS
19	Precise Measurement of the $\frac{1}{2} \hat{t} \cdot \hat{\mathbf{k}}$ Cross Section at Center-of-Mass Energies from 3.77 to 4.60 eV. <i>Physical Review Letters</i> , 2017, 118, 092001.	2.9	120
20	Direct observation of spin-layer locking by local Rashba effect in monolayer semiconducting PtSe2 film. <i>Nature Communications</i> , 2017, 8, 14216.	5.8	151
21	Observation of $\frac{1}{2} \hat{t} \cdot \hat{\mathbf{k}}$ ( $3872 \times 10^{-4}$ T) ETOQ1 1 0.784314 r/BT /Overlock 10 Tf 50 652 Td ( $\frac{1}{2} \hat{t} \cdot \hat{\mathbf{k}}$ ). <i>Physical Review Letters</i> , 2021, 126, 102001.	2.9	145
22	Theoretical prediction of topological insulators in thallium-based III-V-VI $\times 2$ ternary chalcogenides. <i>Europyhsics Letters</i> , 2010, 90, 37002.	0.7	140
23	Evidence of Two Resonant Structures in $\frac{1}{2} \hat{t} \cdot \hat{\mathbf{k}}$ . <i>Physical Review Letters</i> , 2017, 118, 092002.	2.9	139
24	Above 400-K robust perpendicular ferromagnetic phase in a topological insulator. <i>Science Advances</i> , 2017, 3, e1700307.	4.7	138
25	Observation of a Near-Threshold Structure in the Recoil-Mass Spectra in $\frac{1}{2} \hat{t} \cdot \hat{\mathbf{k}}$ . <i>Physical Review Letters</i> , 2021, 126, 102001.	2.9	135
26	Giant room temperature anomalous Hall effect and tunable topology in a ferromagnetic topological semimetal Co2MnAl. <i>Nature Communications</i> , 2020, 11, 3476.	5.8	127
27	Prediction of a Weyl semimetal in $\frac{1}{2} \hat{t} \cdot \hat{\mathbf{k}}$ . <i>Physical Review B</i> , 2014, 89, .	1.1	125
28	Giant anisotropic magnetoresistance in a quantum anomalous Hall insulator. <i>Nature Communications</i> , 2015, 6, 7434.	5.8	125
29	Spin-Orbital Texture in Topological Insulators. <i>Physical Review Letters</i> , 2013, 111, 066801.	2.9	120
30	Topological nonsymmorphic crystalline insulators. <i>Physical Review B</i> , 2014, 90, .	1.1	120
31	Observation of chiral zero mode in inhomogeneous three-dimensional Weyl metamaterials. <i>Science</i> , 2019, 363, 148-151.	6.0	120
32	Observation of $\frac{1}{2} \hat{t} \cdot \hat{\mathbf{k}}$ . <i>Physical Review Letters</i> , 2014, 113, 212002.	2.9	116
33	Dirac nodal lines and induced spin Hall effect in metallic rutile oxides. <i>Physical Review B</i> , 2017, 95, .	1.1	110
34	Zero-Field Dissipationless Chiral Edge Transport and the Nature of Dissipation in the Quantum Anomalous Hall State. <i>Physical Review Letters</i> , 2015, 115, 057206.	2.9	107
35	Observation of $\frac{1}{2} \hat{t} \cdot \hat{\mathbf{k}}$ ( $3900 \times 10^{-4}$ T) ETOQ1 1 0.784314 r/BT /Overlock 10 Tf 50 652 Td ( $\frac{1}{2} \hat{t} \cdot \hat{\mathbf{k}}$ ). <i>Physical Review Letters</i> , 2015, .	2.9	106
36	A valley valve and electron beam splitter. <i>Science</i> , 2018, 362, 1149-1152.	6.0	106

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37	Study of $e^+e^- \rightarrow \gamma^* \rightarrow \mu^+\mu^-$ Center of Mass Energies from 4.21 to 4.42 GeV. Physical Review Letters, 2015, 114, 092003.	2.9	103
38	Tuning the Chern number in quantum anomalous Hall insulators. Nature, 2020, 588, 419-423.	13.7	103
39	Chemical-Potential-Dependent Gap Opening at the Dirac Surface States of $Bi_2Te_3$ by Aggregated Substitutional Cr Atoms. Physical Review Letters, 2014, 112, 056801.	2.9	102
40	In-Plane Magnetization-Induced Quantum Anomalous Hall Effect. Physical Review Letters, 2013, 111, 086802.	2.9	100
41	Measurements of Absolute Hadronic Branching Fractions of the $B_c$ . Physical Review Letters, 2016, 116, 052001.	2.9	94
42	Exchange bias and quantum anomalous Hall effect in the MnBi <sub>2</sub> Te <sub>4</sub> /CrI <sub>3</sub> heterostructure. Science Advances, 2020, 6, eaaz0948.	4.7	89
43	Quasiparticle dynamics in reshaped helical Dirac cone of topological insulators. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2758-2762.	3.3	86
44	Direct imaging of electron transfer and its influence on superconducting pairing at FeSe/SrTiO <sub>3</sub> interface. Science Advances, 2018, 4, eaao2682.	4.7	82
45	Prediction of Triple Point Fermions in Simple Half-Heusler Topological Insulators. Physical Review Letters, 2017, 119, 136401.	2.9	75
46	Determination of the Spin and Parity of the $Z_2$ Anomalous Hall Effect. Physical Review Letters, 2015, 115, 221805.	2.9	74
47	Concurrence of quantum anomalous Hall and topological Hall effects in magnetic topological insulator sandwich heterostructures. Nature Materials, 2020, 19, 732-737.	13.3	72
48	Measurement of the Absolute Branching Fraction for $B_c \rightarrow \mu^+\mu^-$ . Physical Review Letters, 2015, 115, 221805.	2.9	71
49	Observation of a Neutral Charmoniumlike State $D_c$ . Physical Review Letters, 2015, 115, 221805.	2.9	70
50	Quantum Anomalous Hall Effect in Magnetically Doped InAs/GaSb Quantum Wells. Physical Review Letters, 2014, 113, 147201.	2.9	69
51	Lattice-Symmetry-Assisted Second-Order Topological Superconductors and Majorana Patterns. Physical Review Letters, 2019, 123, 156801.	2.9	68
52	Quantum Anomalous Hall Effect in Magnetically Doped InAs/GaSb Quantum Wells. Physical Review Letters, 2014, 113, 147201.	2.9	66
53	Helicity dependent photocurrent in electrically gated (Bi <sub>1-x</sub> Sb <sub>x</sub> ) <sub>2</sub> Te <sub>3</sub> thin films. Nature Communications, 2017, 8, 1037.	5.8	66
54	Precision Measurement of the $Z_2$ Anomalous Hall Effect. Physical Review Letters, 2018, 120, 132001.	2.9	66

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55	Unconventional Superconductivity in Bilayer Transition Metal Dichalcogenides. Physical Review Letters, 2017, 118, 087001.	2.9	60
56	Measurement of Proton Electromagnetic Form Factors in $\pi^+p$ and $\pi^+n$ at $\sqrt{s} = 1.92$ GeV. Physical Review Letters, 2020, 124, 042001.	2.9	60
57	Study of $\pi^+p$ and $\pi^+n$ at $\sqrt{s} = 1.92$ GeV. Physical Review Letters, 2020, 124, 042001.	2.9	54
58	Evidence of a Resonant Structure in the $\pi^+p$ and $\pi^+n$ at $\sqrt{s} = 1.92$ GeV. Physical Review Letters, 2019, 122, 232002.	2.9	53
59	Observation of the Quantum Anomalous Hall Insulator to Anderson Insulator Quantum Phase Transition and its Scaling Behavior. Physical Review Letters, 2016, 117, 126802.	2.9	52
60	Classification of topological crystalline insulators based on representation theory. Physical Review B, 2016, 93, .	1.1	52
61	Observation of Hourglass Nodal Lines in Photonics. Physical Review Letters, 2019, 122, 103903.	2.9	50
62	Theoretical prediction of topological insulator in ternary rare earth chalcogenides. Physical Review B, 2010, 82, .	1.1	49
63	Charge-spin duality in nonequilibrium transport of helical liquids. Physical Review B, 2011, 83, .	1.1	49
64	Half quantum spin Hall effect on the surface of weak topological insulators. Physica E: Low-Dimensional Systems and Nanostructures, 2012, 44, 906-911.	1.3	47
65	Observation of the $\pi^+p$ and $\pi^+n$ at $\sqrt{s} = 1.92$ GeV. Physical Review Letters, 2015, 115, 011803.	2.9	47
66	Weak topological insulators in PbTe/SnTe superlattices. Physical Review B, 2014, 89, .	1.1	46
67	Boundary-Obstructed Topological High- $T_c$ Superconductivity in Iron Pnictides. Physical Review X, 2020, 10, .	2.8	46
68	Complete Measurement of the $\pi^+p$ and $\pi^+n$ at $\sqrt{s} = 1.92$ GeV. Physical Review Letters, 2019, 123, 122003.	2.9	44
69	Topological origin of the type-II Dirac fermions in $\text{PtSe}_2$ . Physical Review Materials, 2017, 1, .	0.9	44
70	Measurement of Azimuthal Asymmetries in Inclusive Charged Dipion Production $e^+e^- \rightarrow \pi^+\pi^- + \text{c.c.}$ Annihilations at $\sqrt{s} = 3.65$ GeV. Physical Review Letters, 2016, 116, 042001.	2.9	42
71	Measurement of the Branching Fraction For the Semileptonic Decay $D^0 \rightarrow \pi^+ \ell^- \bar{\nu}_\ell$ and Test of Lepton Flavor Universality. Physical Review Letters, 2018, 121, 171803.	2.9	42
72	Even-Odd Layer-Dependent Anomalous Hall Effect in Topological Magnet $\text{MnBi}_2\text{Te}_4$ Thin Films. Nano Letters, 2021, 21, 7691-7698.	4.5	42

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73	Observation of an Anomalous Line Shape of the Spectrum near the $\hat{I}$ . Physical Review Letters, 2016, 117, 042002.	2.9	35
74	Improved measurement of the absolute branching fraction of $D^+ \rightarrow \mu^+ K^0$ . European Physical Journal C, 2016, 76, 1.	1.4	39
75	Observation of a Resonant Structure in $e^+e^- \rightarrow K^+K^-$ . Physical Review Letters, 2020, 124, 112001.	2.9	35
76	Model Hamiltonian and time reversal breaking topological phases of antiferromagnetic half-Heusler materials. Physical Review B, 2017, 95, .	1.1	37
77	Precision Study of $\hat{I}$ . Physical Review Letters, 2016, 117, 042002.	2.9	35
78	Observation and Spin-Parity Determination of the $X(1835)$ . Physical Review Letters, 2016, 117, 042003.	2.9	34
79	via $f \rightarrow Ds$ . Physical Review Letters, 2017, 118, 112001.	2.9	33
80	$\hat{I}$ and $\hat{I}$ . Physical Review Letters, 2017, 118, 112001.	2.9	33
81	Polarization in the Spin-valley locking and bulk quantum Hall effect in a noncentrosymmetric Dirac semimetal BaMnSb <sub>2</sub> . Nature Communications, 2021, 12, 4062.	5.8	32
82	ZrTe <sub>2</sub> /CrTe <sub>2</sub> : an epitaxial van der Waals platform for spintronics. Nature Communications, 2022, 13, .	5.8	32
83	Observation of $\hat{I}$ . Physical Review Letters, 2017, 118, 112001.	2.9	31
84	Proximity-effect-induced Superconducting Gap in Topological Surface States at a Point Contact Spectroscopy Study of NbSe <sub>2</sub> /Bi <sub>2</sub> Se <sub>3</sub> Superconductor-Topological Insulator Heterostructures. Scientific Reports, 2017, 7, 7631.	1.6	31
85	Observation of the Decay $D^+ \rightarrow a^0 K^+$ . Physical Review Letters, 2018, 121, 081802.	2.9	31
86	Interface-induced sign reversal of the anomalous Hall effect in magnetic topological insulator heterostructures. Nature Communications, 2021, 12, 79.	5.8	31
87	Singlet-quintet mixing in spin-orbit coupled superconductors with fermions. Physical Review B, 2018, 98, .	1.1	30
88	Magnetic and defect probes of the SmB <sub>6</sub> surface state. Science Advances, 2018, 4, eaau4886.	4.7	29
89	Unconventional planar Hall effect in exchange-coupled topological insulator-ferromagnetic insulator heterostructures. Physical Review B, 2018, 98, .	1.1	29
90	Observation of the Decay $X(3872) \rightarrow \mu^+ \mu^- \hat{I}$ . Physical Review Letters, 2018, 121, 081802.	2.9	29

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91	Study of the $\langle mml:math \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" display="inline"> \langle mml:msup> \langle mml:mi>D</mml:mi> \langle mml:mn>0</mml:mn> </mml:msup> \langle mml:mo stretchy="false">\hat{a}^\dagger</mml:mo> \langle mml:msup> \langle mml:mi>K</mml:mi> \langle mml:mo>\hat{a}</mml:mo> </mml:msup> \langle mml:msup> \langle mml:mi>\hat{1}</mml:mi> \langle mml:mn>4</mml:mn> </mml:msup>$ Dynamics and Test of Lepton Flavor Universality with $\langle mml:math \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" display="inline"> \langle mml:msup> \langle mml:mi>D</mml:mi> \langle mml:mn>0 </mml:msup>$ . Physical Review Letters, 2019, 122, 011804. <span style="float: right;">2.9</span>	2.9	29
92	Amplitude Analysis of the Decays $\hat{1}\hat{a}\hat{e}^2\hat{a}^\dagger\hat{1}\hat{e}+\hat{1}\hat{e}\hat{a}^\dagger\hat{1}\hat{e}0$ and $\hat{1}\hat{a}\hat{e}^2\hat{a}^\dagger\hat{1}\hat{e}0\hat{1}\hat{e}0$ . Physical Review Letters, 2017, 118, 012001. <span style="float: right;">2001</span>	2001	28
93	Topological nonsymmorphic crystalline superconductors. Physical Review B, 2016, 93, . <span style="float: right;">1.1</span>	1.1	27
94	High- <i>T<sub>c</sub></i> <i>c</i> -axis superconductor Fe(Se,Te) monolayer: an intrinsic, scalable and electrically tunable Majorana platform. National Science Review, 2022, 9, nwab087. <span style="float: right;">4.6</span>	4.6	27
95	Origins of electronic bands in the antiferromagnetic topological insulator $\langle mml:math \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML"> \langle mml:mrow> \langle mml:msub> \langle mml:mi>MnBi</mml:mi> \langle mml:mn>2</mml:mn> </mml:msub> \langle mml:mrow>$ Physical Review B, 2021, 104, . <span style="float: right;">1.1</span>	1.1	27
96	Reentrant topological phases in Mn-doped HgTe quantum wells. Physical Review B, 2012, 85, . <span style="float: right;">1.1</span>	1.1	26
97	Crystalline Symmetry-Protected Majorana Mode in Number-Conserving Dirac Semimetal Nanowires. Physical Review Letters, 2018, 120, 156802. <span style="float: right;">2.9</span>	2.9	26
98	Measurement of the Cross Section for $\langle mml:math \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" display="inline"> \langle mml:mrow> \langle mml:msup> \langle mml:mrow> \langle mml:mi>e</mml:mi> </mml:mrow> \langle mml:mrow> \langle mml:mo>+</mml:mo> </mml:mrow> \langle mml:msup> \langle mml:mi>e</mml:mi> </mml:msup>$ and $\langle mml:math \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" display="inline"> \langle mml:mrow> \langle mml:msup> \langle mml:mrow> \langle mml:mi>e</mml:mi> </mml:mrow> \langle mml:mrow> \langle mml:mo>+</mml:mo> </mml:mrow> \langle mml:msup> \langle mml:mi>e</mml:mi> </mml:msup>$ accent. Physical Review Letters, 2020, 124, 032002. <span style="float: right;">2.9</span>	2.9	26
99	Electrically tunable multiple Dirac cones in thin films of the (LaO) <sub>2</sub> (SbSe <sub>2</sub> ) <sub>2</sub> family of materials. Nature Communications, 2015, 6, 8517. <span style="float: right;">5.8</span>	5.8	25
100	Measurement of Singly Cabibbo Suppressed Decays $\langle mml:math \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" display="inline"> \langle mml:msubsup> \langle mml:mi> \langle mml:mathvariant="normal">\hat{1}</mml:mi> \langle mml:mi>c</mml:mi> \langle mml:mo>+</mml:mo> </mml:msubsup> \langle mml:msubsup> \langle mml:mi> \langle mml:mathvariant="normal">\hat{1}</mml:mi> \langle mml:mi>p</mml:mi> \langle mml:mo>+</mml:mo> </mml:msubsup>$ and $\langle mml:math \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" display="inline"> \langle mml:msubsup> \langle mml:mi> \langle mml:mathvariant="normal">\hat{1}</mml:mi> \langle mml:mi>c</mml:mi> \langle mml:mo>+</mml:mo> </mml:msubsup> \langle mml:msubsup> \langle mml:mi> \langle mml:mathvariant="normal">\hat{1}</mml:mi> \langle mml:mi>p</mml:mi> \langle mml:mo>+</mml:mo> </mml:msubsup>$ . Physical Review Letters, 2016, 117, 232002. <span style="float: right;">2.9</span>	2.9	25
101	Observation of $\langle mml:math \text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" display="inline"> \langle mml:msubsup> \langle mml:mi> \langle mml:mathvariant="normal">\hat{1}</mml:mi> \langle mml:mi>a</mml:mi> </mml:msubsup> \langle mml:mrow> \langle mml:mn>0</mml:mn> </mml:mrow> \langle mml:mrow> \langle mml:mn>980</mml:mn> </mml:mrow> \langle mml:mo>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 337 Td (stretchy="false"$ Physical Review Letters, 2016, 117, 232002. <span style="float: right;">2.9</span>	2.9	25

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109	Observation of $\hat{I} \cdot \hat{\epsilon}^2 + \hat{I} \cdot \hat{I} + \hat{I} \cdot \hat{I}$ Amplitude Analysis of $W$	2.9	22
110	Annihilation Domina. Physical Review Letters, 2019, and First Observation of the $W \rightarrow D s$	2.9	22
111	Decay into the $K \rightarrow K$	2.9	22
112	Piezoelectricity and topological quantum phase transitions in two-dimensional spin-orbit coupled crystals with time-reversal symmetry. Nature Communications, 2020, 11, 2290.	5.8	22
113	Magnetic resonance induced pseudoelectric field and giant current response in axion insulators. Physical Review B, 2019, 100, .	1.1	21
114	Determination of Strong-Phase Parameters in $\hat{D}^* K_S L \rightarrow \hat{I} \hat{A}^* \hat{A}^*$ . Physical Review Letters, 2020, 124, 241802.	2.9	21
115	Single-Fluxon Controlled Resistance Switching in Centimeter-Long Superconducting Gallium Indium Eutectic Nanowires. Nano Letters, 2015, 15, 153-158.	4.5	20
116	Engineering the breaking of time-reversal symmetry in gate-tunable hybrid ferromagnet/topological insulator heterostructures. Npj Quantum Materials, 2018, 3, .	1.8	20
117	Anomalous Quantum Oscillations of Interacting Electron-Hole Gases in Inverted Type-II InAs/GaSb Quantum Wells. Physical Review Letters, 2019, 122, 186802.	2.9	20
118	Superconducting proximity effect in a transparent van der Waals superconductor-metal junction. Physical Review B, 2020, 101, .	1.1	20
119	Electrically tunable spin polarization of chiral edge modes in a quantum anomalous Hall insulator. Physical Review B, 2016, 93, .	1.1	19
120	Measurement of the Absolute Branching Fraction of the Inclusive Semileptonic $B \rightarrow \bar{K}^* e \nu$ Decay. Physical Review Letters, 2018, 121, 251801.	2.9	19
121	Robustness of topological surface states against strong disorder observed in $B \rightarrow \bar{K}^* e \nu$	2.9	19
122	First Observation of a $B \rightarrow \bar{K}^* e \nu$ nanotubes. Physical Review Letters, 2020, 124, 231801.	1.1	18
123	Pressure-induced topological insulator in NaBaBi with right-handed surface spin texture. Physical Review B, 2016, 93, .	2.9	18
124	Measurements of Absolute Branching Fractions of Fourteen Exclusive Hadronic $B \rightarrow \bar{K}^* e \nu$ Decays to $B \rightarrow \bar{K}^* e \nu$ and Measurement of Its Decay Dyn. Physical Review Letters, 2020, 124, 241803.	1.1	17
125	Study of Open-Charmed Decays and Radiative Transitions of the $\chi_c(3872)$ . Physical Review Letters, 2020, 124, 242001.	2.9	17
126		2.9	17



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127	Observation of the Singly Cabibbo-Suppressed Decay $\eta \rightarrow \pi^0 \pi^+ \pi^-$ . Physical Review Letters, 2022, 128, 142001.	2.9	17
128	Weyl fermions induced magnon electrodynamics in a Weyl semimetal. Physical Review B, 2014, 90, .	1.1	16
129	Momentum space toroidal moment in a photonic metamaterial. Nature Communications, 2021, 12, 1784.	5.8	16
130	Zero Magnetic Field Plateau Phase Transition in Higher Chern Number Quantum Anomalous Hall Insulators. Physical Review Letters, 2022, 128, .	2.9	16
131	Topological orders competing for the Dirac surface state in FeSeTe surfaces. Physical Review Research, 2021, 3, .	1.3	15
132	Quasi-symmetry-protected topology in a semi-metal. Nature Physics, 2022, 18, 813-818.	6.5	15
133	Observation of the Singly Cabibbo-Suppressed Decay $\eta \rightarrow \pi^0 \pi^+ \pi^-$ . Physical Review Letters, 2022, 128, 142001.	2.9	17
134	Observation of Radiative Decay $\eta \rightarrow \pi^0 \pi^+ \pi^-$ . Physical Review Letters, 2022, 128, 142001.	2.9	13
135	Evidence for Topological nematic phase in Dirac semimetals. Physical Review B, 2016, 93, .	1.1	13
136	Bilayer Graphene as a Platform for Bosonic Symmetry-Protected Topological States. Physical Review Letters, 2017, 118, 126801.	2.9	13
137	Observation of the Singly Cabibbo-Suppressed Decay $\eta \rightarrow \pi^0 \pi^+ \pi^-$ . Physical Review Letters, 2017, 118, 221802.	2.9	13
138	Observation of the Doubly Cabibbo-Suppressed Decay $\eta \rightarrow \pi^0 \pi^+ \pi^-$ . Physical Review Letters, 2020, 125, 141802.	2.9	13
139	Observation of $X(2370)$ and search for $X(2120)$ in $J/\psi \rightarrow \gamma K^* \eta$ . European Physical Journal C, 2020, 80, 1.	1.4	13
140	Model-Independent Determination of the Spin of the $\eta(5762)$ and Its Polarization Alignment in $\eta \rightarrow \pi^0 \pi^+ \pi^-$ . Physical Review Letters, 2020, 125, 141802.	2.9	13
141	Topological quantum phase transition and the Berry phase near the Fermi surface in hole-doped quantum wells. Europhysics Letters, 2007, 79, 47010.	0.7	12
142	Time-reversal-breaking topological phases in antiferromagnetic $\text{Sr}_2\text{IrO}_7$ films. Physical Review B, 2016, 94, .	2.1	12
143	Unconventional superconductivity and surface pairing symmetry in half-Heusler compounds. Physical Review B, 2018, 97, .	1.1	12
144	Finite-scale emergence of 2+1D supersymmetry at first-order quantum phase transition. Physical Review B, 2019, 100, .	1.1	12

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145	Phonon Helicity Induced by Electronic Berry Curvature in Dirac Materials. Physical Review Letters, 2021, 127, 125901.	2.9	12
146	Measurement of the Cross Section for $e^+e^- \rightarrow \text{Hadrons}$ at Energies from 2.2324 to 3.6710 GeV. Physical Review Letters, 2022, 128, 062004.	2.9	12
147	Spin texture and mirror Chern number in Hg-based chalcogenides. Physical Review B, 2015, 91, .	1.1	11
148	Electric control of inverted gap and hybridization gap in type-II InAs/GaSb quantum wells. Physical Review B, 2016, 94, .	1.1	11
149	Precision Measurement of the Branching Fractions of $\hat{1}\hat{\alpha}^2$ Decays. Physical Review Letters, 2019, 122, 142002.	2.9	10
150	Topological Larkin-Ovchinnikov phase and Majorana zero mode chain in bilayer superconducting topological insulator films. Communications Physics, 2019, 2, .	2.0	10
151	Topological phases of the dimerized Hofstadter butterfly. Journal Physics D: Applied Physics, 2021, 54, 414004.	1.3	10
152	Measurement of the Absolute Branching Fraction of $D \rightarrow \bar{K}^0 \pi^0$ via $D \rightarrow \bar{K}^0 \pi^0$ and $D \rightarrow \bar{K}^0 \pi^0$ decays. Physical Review Letters, 2021, 127, 131801.	2.9	10
153	Localized in-gap states and quantum spin Hall effect in Si-doped InAs/GaSb quantum wells. Physical Review B, 2014, 89, .	1.1	9
154	Measurement of the $D \rightarrow \bar{K}^0 \pi^0$ and $D \rightarrow \bar{K}^0 \pi^0$ coherence factors and average strong-phase differences in quantum-correlated $D \rightarrow \bar{K}^0 \pi^0$ decays. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
155	Plasmon modes in magnetically doped single-layer and multilayer helical metals. Physical Review B, 2013, 87, .	1.1	7
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