

# Binghai Yan

## List of Publications by Year in descending order

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212  
papers

20,128  
citations

12330

69  
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11052

137  
g-index

223  
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223  
docs citations

223  
times ranked

13984  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Gap Quantum Spin Hall Insulators in Tin Films. <i>Physical Review Letters</i> , 2013, 111, 136804.	7.8	1,140
2	Topological Materials: Weyl Semimetals. <i>Annual Review of Condensed Matter Physics</i> , 2017, 8, 337-354.	14.5	1,110
3	Extremely large magnetoresistance and ultrahigh mobility in the topological Weyl semimetal candidate NbP. <i>Nature Physics</i> , 2015, 11, 645-649.	16.7	893
4	Weyl semimetal phase in the non-centrosymmetric compound TaAs. <i>Nature Physics</i> , 2015, 11, 728-732.	16.7	796
5	Superconductivity in Weyl semimetal candidate MoTe <sub>2</sub> . <i>Nature Communications</i> , 2016, 7, 11038.	12.8	611
6	Large anomalous Hall effect driven by a nonvanishing Berry curvature in the noncolinear antiferromagnet Mn <sub>3</sub> Ge. <i>Science Advances</i> , 2016, 2, e1501870.	10.3	561
7	Prediction of Weyl semimetal in orthorhombic MoTe <sub>2</sub> . <i>Physical Review B</i> , 2015, 92, .	13.2	515
8	High electron mobility and quantum oscillations in non-encapsulated ultrathin semiconducting Bi <sub>2</sub> O <sub>2</sub> Se. <i>Nature Nanotechnology</i> , 2017, 12, 530-534.	31.5	507
9	Oscillatory crossover from two-dimensional to three-dimensional topological insulators. <i>Physical Review B</i> , 2010, 81, .	3.2	459
10	Fermi-arc diversity on surface terminations of the magnetic Weyl semimetal Co <sub>3</sub> Sn <sub>2</sub> S <sub>2</sub> . <i>Science</i> , 2019, 365, 1286-1291.	12.6	441
11	Negative magnetoresistance without well-defined chirality in the Weyl semimetal TaP. <i>Nature Communications</i> , 2016, 7, 11615.	12.8	429
12	Topological antiferromagnetic spintronics. <i>Nature Physics</i> , 2018, 14, 242-251.	16.7	427
13	Signature of type-II Weyl semimetal phase in MoTe <sub>2</sub> . <i>Nature Communications</i> , 2017, 8, 13973.	12.8	358
14	Topological materials. <i>Reports on Progress in Physics</i> , 2012, 75, 096501.	20.1	339
15	Linear Magnetoresistance Caused by Mobility Fluctuations in n-Doped Cd <sub>3</sub> As <sub>2</sub> . <i>Physical Review Letters</i> , 2015, 114, 117201.	7.8	306
16	Topological Weyl semimetals in the chiral antiferromagnetic materials Mn <sub>3</sub> Ge and Mn <sub>3</sub> Sn. <i>New Journal of Physics</i> , 2017, 19, 015008.	2.9	277
17	Roton pair density wave in a strong-coupling kagome superconductor. <i>Nature</i> , 2021, 599, 222-228.	27.8	276
18	Prediction of Near-Room-Temperature Quantum Anomalous Hall Effect on Honeycomb Materials. <i>Physical Review Letters</i> , 2014, 113, 256401.	7.8	263

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19	Evolution of the Fermi surface of Weyl semimetals in the transition metal pnictide family. Nature Materials, 2016, 15, 27-31.	27.5	245
20	Higher-Order Topology, Monopole Nodal Lines, and the Origin of Large Fermi Arcs in Transition Metal Dichalcogenides $X\text{Te}$		



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55	Topological Insulators in Ternary Compounds with a Honeycomb Lattice. <i>Physical Review Letters</i> , 2011, 106, 156402.	7.8	89
56	Exchange bias and quantum anomalous Hall effect in the $\text{MnBi}_2\text{Te}_4/\text{CrI}_3$ heterostructure. <i>Science Advances</i> , 2020, 6, eaaz0948.	10.3	89
57	Robust 2D Topological Insulators in van der Waals Heterostructures. <i>ACS Nano</i> , 2014, 8, 10448-10454.	14.6	88
58	Prediction of Weak Topological Insulators in Layered Semiconductors. <i>Physical Review Letters</i> , 2012, 109, 116406.	7.8	85
59	Chiral Weyl Pockets and Fermi Surface Topology of the Weyl Semimetal TaAs. <i>Physical Review Letters</i> , 2016, 117, 146401.	7.8	83
60	Observation of pseudo-two-dimensional electron transport in the rock salt-type topological semimetal LaBi. <i>Physical Review B</i> , 2016, 93, .	3.2	83
61	Visualizing weakly bound surface Fermi arcs and their correspondence to bulk Weyl fermions. <i>Science Advances</i> , 2016, 2, e1600709.	10.3	83
62	Chirality-driven topological electronic structure of DNA-like materials. <i>Nature Materials</i> , 2021, 20, 638-644.	27.5	83
63	Observation of charge to spin conversion in Weyl semimetal $\text{WTe}_2$ at room temperature. <i>Physical Review Research</i> , 2020, 2, .	7.8	83
64	Photogalvanic effect in Weyl semimetals from first principles. <i>Physical Review B</i> , 2018, 97, .	3.2	77
65	Superconductivity and magnetic order in the noncentrosymmetric half-Heusler compound $\text{ErPdBi}$ . <i>Europhysics Letters</i> , 2013, 104, 27001.	2.0	76
66	Metal-insulator transition and the anomalous Hall effect in the layered magnetic materials $\text{VS}_2$ and $\text{VSe}_2$ . <i>New Journal of Physics</i> , 2016, 18, 113038.	2.9	75
67	Prediction of Triple Point Fermions in Simple Half-Heusler Topological Insulators. <i>Physical Review Letters</i> , 2017, 119, 136401.	7.8	75
68	Toward Rational Design of Catalysts Supported on a Topological Insulator Substrate. <i>ACS Catalysis</i> , 2015, 5, 7063-7067.	11.2	73
69	Comment on "Simulation of the Optical Absorption Spectra of Gold Nanorods as a Function of Their Aspect Ratio and the Effect of the Medium Dielectric Constant". <i>Journal of Physical Chemistry B</i> , 2003, 107, 9159-9159.	2.6	71
70	Chiral magnetoresistance in the Weyl semimetal NbP. <i>Scientific Reports</i> , 2017, 7, 43394.	3.3	71
71	Consequences of time-reversal-symmetry breaking in the light-matter interaction: Berry curvature, quantum metric, and diabatic motion. <i>Physical Review Research</i> , 2020, 2, .	3.6	71
72	Large spin-orbit torque efficiency enhanced by magnetic structure of collinear antiferromagnet $\text{IrMn}$ . <i>Science Advances</i> , 2019, 5, eaau6696.	10.3	70

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73	Synthesis, Crystal Structure, and Physical Properties of $\text{Sr}_2\text{FeOsO}_6$ . Inorganic Chemistry, 2013, 52, 6713-6719.	4.0	68
74	Half-Heusler topological insulators. MRS Bulletin, 2014, 39, 859-866.	3.5	68
75	First-principles study of the structural stability of cubic, tetragonal and hexagonal phases in $\text{Mn}_3\text{Z}$ (Z=Ga, Sn and Ge) Heusler compounds. Journal of Physics Condensed Matter, 2013, 25, 206006.	1.8	67
76	Spin Hall effect emerging from a noncollinear magnetic lattice without spin-orbit coupling. New Journal of Physics, 2018, 20, 073028.	2.9	65
77	Quantum oscillations and the Fermi surface topology of the Weyl semimetal NbP. Physical Review B, 2016, 93, .	3.2	64
78	Self-modulation doping effect in the high-mobility layered semiconductor $\text{Bi}_2\text{O}_2\text{Se}$ . Physical Review B, 2018, 97, .	3.9	63
79	Topological Hamiltonian as an exact tool for topological invariants. Journal of Physics Condensed Matter, 2013, 25, 155601.	1.8	62
80	Topological insulators in filled skutterudites. Physical Review B, 2012, 85, .	3.2	61
81	Two-dimensional inversion-asymmetric topological insulators in functionalized III-Bi bilayers. Physical Review B, 2015, 91, .	3.2	60
82	Lattice-Site-Specific Spin Dynamics in Double Perovskite $\text{Sr}_2\text{FeOsO}_6$ . Physical Review Letters, 2014, 112, 147202.	7.8	59
83	Resolving the topological classification of bismuth with topological defects. Science Advances, 2019, 5, eaax6996. Graphene-like Dirac states and quantum spin Hall insulators in square-octagonal	10.3	59
84			

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91	Topological Quantum Phase Transition and Superconductivity Induced by Pressure in the Bismuth Tellurohalide BiTeI. <i>Advanced Materials</i> , 2017, 29, 1605965.	21.0	51
92	Observation of nodal line in non-symmorphic topological semimetal InBi. <i>New Journal of Physics</i> , 2017, 19, 065007.	2.9	51
93	Evidence of surface transport and weak antilocalization in a single crystal of the $\text{Bi}_2\text{Te}_2\text{Se}$ topological insulator. <i>Physical Review B</i> , 2014, 90, .	3.2	50
94	Finite-temperature violation of the anomalous transverse Wiedemann-Franz law. <i>Science Advances</i> , 2020, 6, eaaz3522.	10.3	50
95	Theoretical prediction of topological insulator in ternary rare earth chalcogenides. <i>Physical Review B</i> , 2010, 82, .	3.2	49
96	First-principles calculations for topological quantum materials. <i>Nature Reviews Physics</i> , 2021, 3, 283-297.	26.6	48
97	Magnetically Frustrated Double Perovskites: Synthesis, Structural Properties, and Magnetic Order of $\text{Sr}_2\text{BiOsO}_6$ ( $\text{Bi} = \text{Y, In, Sc}$ ). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 197-205.	1.2	47
98	Geometry of the charge density wave in the kagome metal $\text{AV}_3\text{Sb}_5$ . <i>Physical Review B</i> , 2021, 104, .	3.2	47
99	Weak topological insulators induced by the interlayer coupling: A first-principles study of stacked $\text{Bi}_2\text{Te}_2\text{I}$ . <i>Physical Review B</i> , 2014, 89, .	3.2	46
100	Pressure-driven superconductivity in the transition-metal pentatelluride $\text{HfTe}_5$ . <i>Physical Review B</i> , 2016, 94, .	3.2	46
101	Intrinsic Anomalous Nernst Effect Amplified by Disorder in a Half-Metallic Semimetal. <i>Physical Review X</i> , 2019, 9, .	8.9	45
102	Charge density wave order in the kagome metal $\text{AV}_3\text{Sb}_5$ .		

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109	Evidence of topological boundary modes with topological nodal-point superconductivity. Nature Physics, 2021, 17, 1413-1419.	16.7	40
110	Surface superconductivity in the type II Weyl semimetal TaIrTe <sub>4</sub> . National Science Review, 2020, 7, 579-587.	9.5	39
111	Model Hamiltonian and time reversal breaking topological phases of antiferromagnetic half-Heusler materials. Physical Review B, 2017, 95, .	3.2	37
112	Two-dimensional ferroelectric topological insulators in functionalized atomically thin bismuth layers. Physical Review B, 2018, 97, .	3.2	37
113	Chern mosaic and Berry-curvature magnetism in magic-angle graphene. Nature Physics, 2022, 18, 885-892.	16.7	37
114	Berry phase and band structure analysis of the Weyl semimetal NbP. Scientific Reports, 2016, 6, 33859.	3.3	36
115	Magnetic asymmetry induced anomalous spin-orbit torque in IrMn. Physical Review B, 2020, 101, .	3.2	36
116	Pressure-induced superconductivity and topological quantum phase transitions in a quasi-one-dimensional topological insulator: Bi <sub>4</sub> I <sub>4</sub> . Npj Quantum Materials, 2018, 3, .	5.2	34
117	Observation of anomalous amplitude modes in the kagome metal CsV <sub>3</sub> Sb <sub>5</sub> . Nature Communications, 2022, 13, .	12.8	34
118	Active role of nonmagnetic cations in magnetic interactions for double-perovskite		

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127	Topological nature and the multiple Dirac cones hidden in Bismuth high-Tc superconductors. Scientific Reports, 2015, 5, 10435.	3.3	30
128	A case study for the formation of stanene on a metal surface. Communications Physics, 2019, 2, .	5.3	30
129	Observation of light-driven band structure via multiband high-harmonic spectroscopy. Nature Photonics, 2022, 16, 428-432.	31.4	30
130	Proximity enhanced quantum spin Hall state in graphene. Carbon, 2015, 87, 418-423.	10.3	29
131	Pressure tuning the Fermi surface topology of the Weyl semimetal NbP. Physical Review B, 2016, 93, .	3.2	29
132	Quantum oscillations in the type-II Dirac semi-metal candidate PtSe <sub>2</sub> . New Journal of Physics, 2018, 20, 043008.	2.9	28
133	An electron-counting rule to determine the interlayer magnetic coupling of the van der Waals materials. 2D Materials, 2020, 7, 045010.	4.4	27
134	Origins of electronic bands in the antiferromagnetic topological insulator $MnBi_{2}Te_{4}$ . Physical Review B, 2021, 104, .	3.2	27
135	Magnetic and superconducting phase diagram of the half-Heusler topological semimetal HoPdBi. Journal of Physics Condensed Matter, 2015, 27, 275701.	1.8	26
136	Topological Dirac semimetal phase in Pd and Pt oxides. Physical Review B, 2017, 95, .	3.2	26
137	Rashba spin splitting of $L$ -gap surface states on Ag(111) and Cu(111). Physical Review B, 2018, 98, .	3.2	24
138	Visualizing coexisting surface states in the weak and crystalline topological insulator Bi <sub>2</sub> Te <sub>3</sub> . Nature Materials, 2020, 19, 610-616.	27.5	23
139	Ab initio study of topological surface states of strained HgTe. Europhysics Letters, 2014, 107, 57006.	2.0	21
140	Two-dimensional rectangular tantalum carbide halides TaCX (X = Cl, Br, I): novel large-gap quantum spin Hall insulators. 2D Materials, 2016, 3, 035018.	4.4	21
141	Observation of the topological surface state in the nonsymmorphic topological insulator KHgSb. Physical Review B, 2017, 96, .	3.2	21
142	Quasiparticle Interference Studies of Quantum Materials. Advanced Materials, 2018, 30, e1707628.	21.0	21
143	Chirality-Induced Giant Unidirectional Magnetoresistance in Twisted Bilayer Graphene. Innovation(China), 2021, 2, 100085.	9.1	21
144	Exchange-biased topological transverse thermoelectric effects in a Kagome ferrimagnet. Nature Communications, 2022, 13, 1091.	12.8	21

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145	Bonding modes and electronic properties of single-crystalline silicon nanotubes. Physical Review B, 2006, 73, .	3.2	20
146	Electron Emission Originated from Free-Electron-like States of Alkali-Doped Boron Nitride Nanotubes. Journal of the American Chemical Society, 2008, 130, 17012-17015.	13.7	20
147	Eightfold fermionic excitation in a charge density wave compound. Physical Review B, 2020, 102, .	3.2	20
148	Spin and Charge Interconversion in Dirac-Semimetal Thin Films. Physical Review Applied, 2021, 16, .	3.8	20
149	Spectroscopic evidence for the gapless electronic structure in bulk ZrTe5. Journal of Electron Spectroscopy and Related Phenomena, 2017, 219, 45-52.	1.7	19
150	Experimental observation of conductive edge states in weak topological insulator candidate HfTe5. APL Materials, 2018, 6, .	5.1	19
151	Comment on "Valence Surface Electronic States on Ge(001)". Physical Review Letters, 2009, 103, 189701; author reply, 189702. Weak orbital ordering of Ir in the double perovskite	7.8	18
152	Strong spin-orbit coupling and Dirac nodal lines in the three-dimensional electronic structure of metallic rutile CeIrO <sub>6</sub> .	3.2	18
153	Strong spin-orbit coupling and Dirac nodal lines in the three-dimensional electronic structure of metallic rutile CeIrO <sub>6</sub> . Physical Review B, 2019, 99, .	3.2	18
154	Nonvanishing Subgap Photocurrent as a Probe of Lifetime Effects. Physical Review Letters, 2020, 125, 227401.	7.8	18
155	Band inversion and topology of the bulk electronic structure in FeSe <sub>1-x</sub> S <sub>x</sub> . Physical Review B, 2020, 101, .	3.2	18
156	Pressure-induced topological insulator in NaBaBi with right-handed surface spin texture. Physical Review B, 2016, 93, .	3.2	17
157	Opening a band gap without breaking lattice symmetry: a new route toward robust graphene-based nanoelectronics. Nanoscale, 2014, 6, 7474.	5.6	16
158	Impurity screening and stability of Fermi arcs against Coulomb and magnetic scattering in a Weyl mononictide. Physical Review B, 2017, 95, .	3.2	16
159	Observation of topological surface states and strong electron/hole imbalance in extreme magnetoresistance compound LaBi. Physical Review Materials, 2018, 2, .	2.4	16
160	Induced anomalous Hall effect of massive Dirac fermions in ZrTe <sub>5</sub> and thin flakes. Physical Review B, 2021, 103, .	3.2	15
161	Twisted photovoltaics at terahertz frequencies from momentum shift current. Physical Review Research, 2022, 4, .	3.6	15
162	Magnetically induced. Nature Materials, 2016, 15, 1149-1150.	27.5	14

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163	Lifshitz Transitions Induced by Temperature and Surface Doping in Type-II Weyl Semimetal Candidate $\text{Te}_{1-x}\text{WTe}_2$ . <i>Physica Status Solidi - Rapid Research Letters</i> , 2017, 11, 1700209.	2.4	14
164	Structure and electronic properties of the $(3\sqrt{3}\times 3\sqrt{3})\text{SnAu}_2/\text{Au}(111)$ surface alloy. <i>Physical Review B</i> , 2018, 98, .	3.2	14
165	Active learning algorithm for computational physics. <i>Physical Review Research</i> , 2020, 2, .	3.6	14
166	$\text{Na}_4\text{IrO}_4$ : Square Planar Coordination of a Transition Metal in $d^{5/5}$ Configuration due to Weak On-Site Coulomb Interactions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5417-5420.	13.8	13
167	Topological nematic phase in Dirac semimetals. <i>Physical Review B</i> , 2016, 93, .	3.2	13
168	Superconductivity in Alkaline Earth Metal-Filled Skutterudites $\text{Ba}_4\text{Ir}_4\text{X}_{12}$ (X = As, P). <i>Journal of the American Chemical Society</i> , 2017, 139, 8106-8109.	13.7	13
169	Quantum confinement of crystalline silicon nanotubes with nonuniform wall thickness: Implication to modulation doping. <i>Applied Physics Letters</i> , 2007, 91, 103107.	3.3	12
170	Local Vibrational Excitation through Extended Electronic States at a Germanium Surface. <i>Physical Review Letters</i> , 2009, 103, 266102.	7.8	12
171	Magnetic phase transitions and iron valence in the double perovskite $\text{Sr}_2\text{FeOsO}_6$ . <i>Hyperfine Interactions</i> , 2014, 226, 289-297.	0.5	12
172	Time-reversal-breaking topological phases in antiferromagnetic $\text{Sr}_2\text{IrTe}_2$ films. <i>Physical Review B</i> , 2016, 94, .	2.2	12
173	$\text{AgRuO}_3$ , a Strongly Exchange-Coupled Honeycomb Compound Lacking Long-Range Magnetic Order. <i>Chemistry - A European Journal</i> , 2017, 23, 4680-4686.	3.3	12
174	Topological Lifshitz transition of the intersurface Fermi-arc loop in $\text{NbIrTe}_4$ . <i>Physical Review B</i> , 2020, 102, .	3.2	12
175	Quantum oscillations, magnetic breakdown and thermal Hall effect in $\text{Co}_3\text{Sn}_2\text{S}_2$ . <i>Journal Physics D: Applied Physics</i> , 2021, 54, 454003.	2.8	12
176	Spin texture and mirror Chern number in Hg-based chalcogenides. <i>Physical Review B</i> , 2015, 91, .	3.2	11
177	Possibility of a Field Effect Transistor Based on Dirac Particles in Semiconducting Anatase- $\text{TiO}_2$ Nanowires. <i>Nano Letters</i> , 2013, 13, 1073-1079.	9.1	10
178	Anomalous Hall effect in the weak-itinerant ferrimagnet $\text{FeCr}_2$ . <i>Physical Review B</i> , 2021, 103, .	3.2	10
179	Unconventional anomalous Hall effect from magnetization parallel to the electric field. <i>Physical Review B</i> , 2021, 103, .	3.2	10
180	Topological Insulators. <i>Springer Series in Materials Science</i> , 2013, , 123-139.	0.6	9

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181	Hidden type-II Weyl points in the Weyl semimetal NbP. <i>Physical Review B</i> , 2017, 96, .	3.2	9
182	Formation of $H_3^+$ from hydrocarbon dications induced by collisions with charged particles. <i>Physical Review A</i> , 2019, 100,	2.5	9
183	Stacking-dependent energetics and electronic structure of ultrathin polymorphic $V_2V_3$ insulator nanofilms. <i>Physical Review B</i> , 2014, 90, .	3.2	8
184	Hot Electrons Regain Coherence in Semiconducting Nanowires. <i>Physical Review X</i> , 2017, 7, .	8.9	8
185	Coexistence of Surface Superconducting and Three-Dimensional Topological Dirac States in Semimetal KZnBi. <i>Physical Review X</i> , 2021, 11, .	8.9	8
186	Exploiting Two-Dimensional Bi <sub>2</sub> O <sub>2</sub> Se for Trace Oxygen Detection. <i>Angewandte Chemie</i> , 2020, 132, 18094-18099.	2.0	7
187	Ab Initio Study of Phosphorus Donors Acting as Quantum Bits in Silicon Nanowires. <i>Nano Letters</i> , 2012, 12, 3460-3465.	9.1	6
188	Non-vanishing Berry phase in chiral insulators. <i>Europhysics Letters</i> , 2013, 104, 30001.	2.0	6
189	Tunable quantum order in bilayer Bi <sub>2</sub> Te <sub>3</sub> : Stacking dependent quantum spin Hall states. <i>Applied Physics Letters</i> , 2018, 112, 243103.	3.3	6
190	Topological crystalline insulators from stacked graphene layers. <i>Physical Review B</i> , 2019, 99, .	3.2	6
191	Facet dependent surface energy gap on magnetic topological insulators. <i>Physical Review B</i> , 2022, 105, .	3.2	6
192	Gate-Controlled Donor Activation in Silicon Nanowires. <i>Nano Letters</i> , 2010, 10, 3791-3795.	9.1	5
193	Topological Insulators - From Materials Design to Reality. <i>Physica Status Solidi - Rapid Research Letters</i> , 2013, 7, 13-14.	2.4	5
194	Preparing spin-polarized scanning tunneling microscope probes on capped carbon nanotubes by Fe doping: A first-principles study. <i>Applied Physics Letters</i> , 2009, 94, 193106.	3.3	4
195	Electronic structure and spatial inhomogeneity of iron-based superconductor FeS. <i>Chinese Physics B</i> , 2020, 29, 047401.	1.4	4
196	Scattering potentials at Si-Ge and Sn-Ge impurity dimers on Ge(001) studied by scanning tunneling microscopy and ab initio calculations. <i>Physical Review B</i> , 2008, 78, .	3.2	3
197	Weyl monopoles dance with the spin waves. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	3
198	Flip motion of heterogeneous buckled dimers on Ge(001) by electron injection from STM tip. <i>Surface Science</i> , 2009, 603, 781-787.	1.9	2

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199	Publisher's Note: Unusual magnetotransport from Si-square nets in topological semimetal HfSiS [Phys. Rev. B <b>95</b> (R) (2017)]. Physical Review B, 2017, 95, .	3.2	2
200	Induced half-metallicity and gapless chiral topological superconductivity in the $\text{CrI}_3$ interface. Physical Review B, 2020, 102, .	3.2	2
201	Weyl Nodes Close to the Fermi Energy in NbAs. Physica Status Solidi (B): Basic Research, 0, , 2100165.	1.5	2
202	Detection of the Orbital Hall Effect by the Orbital "Spin Conversion. , 2021, , 353-364.		2
203	Structural and electronic properties of Ge-Si, Sn-Si, and Pb-Si dimers on Si(001) from density-functional calculations. Physical Review B, 2009, 79, .	3.2	1
204	A Design Scheme for Topological Insulators based Bonds, Bands, Symmetry and Spin Orbit Coupling. ECS Transactions, 2013, 50, 663-666.	0.5	1
205	Surface conductivity in antiferromagnetic semiconductor $\text{CrSb}_2$ . Physical Review Research, 2020, 2, .	3.6	1
206	Topological Insulators from a Chemist's Perspective. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1641-1641.	1.2	0
207	$\text{TiO}_2$ Nanowires as a Wide Bandgap Dirac Material: a numerical study of impurity scattering and Anderson disorder. Materials Research Society Symposia Proceedings, 2014, 1659, 187-191.	0.1	0
208	New developments in the area of topological insulators. AIP Conference Proceedings, 2015, , .	0.4	0
209	Publisher's Note: Hot Electrons Regain Coherence in Semiconducting Nanowires [Phys. Rev. X <b>7</b> (2017)]. Physical Review X, 2017, 7, .	8.9	0
210	The "Sound" of Weyl Fermions. Physics Magazine, 2019, 12, .	0.1	0
211	Crystal Structure and Evaluation of the Anti-Gastric Cancer Activity of a New Sr(II)-Based Coordination Polymer. Journal of Structural Chemistry, 2020, 61, 566-573.	1.0	0
212	Higher-order quantum magnetic inductions in chiral topological materials. Physical Review B, 2021, 104, .	3.2	0