

He-Chang Lei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7588446/publications.pdf>

Version: 2024-02-01

213
papers

9,221
citations

43973

48
h-index

51492

86
g-index

228
all docs

228
docs citations

228
times ranked

7309
citing authors

#	ARTICLE	IF	CITATIONS
1	Large intrinsic anomalous Hall effect in half-metallic ferromagnet Co ₃ Sn ₂ S ₂ with magnetic Weyl fermions. Nature Communications, 2018, 9, 3681.	5.8	446
2	Negative flat band magnetism in a spin-orbit-coupled correlated kagome magnet. Nature Physics, 2019, 15, 443-448.	6.5	283
3	Roton pair density wave in a strong-coupling kagome superconductor. Nature, 2021, 599, 222-228.	13.7	276
4	Observation of unconventional chiral fermions with long Fermi arcs in CoSi. Nature, 2019, 567, 496-499.	13.7	260
5	Superconductivity and Normal-State Properties of Kagome Metal RbV ₃ Sb ₅ Single Crystals. Chinese Physics Letters, 2021, 38, 037403.	1.3	248
6	Double Superconducting Dome and Triple Enhancement of T_c in the Kagome Superconductor CsV ₃ Sb ₅ . Physical Review Letters, 2021, 126, 247001.	2.9	240
7	One Million Percent Tunnel Magnetoresistance in a Magnetic van der Waals Heterostructure. Nano Letters, 2018, 18, 4885-4890.	4.5	230
8	Evolution of interlayer and intralayer magnetism in three atomically thin chromium trihalides. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11131-11136.	3.3	223
9	Time-reversal symmetry-breaking charge order in a kagome superconductor. Nature, 2022, 602, 245-250.	13.7	207
10	Dirac Surface States in Intrinsic Magnetic Topological Insulators and EuSn ₂ As. Physical Review X, 2019, 9, .	2.8	195
11	Ferromagnetic van der Waals Crystal V ₃ . Journal of the American Chemical Society, 2019, 141, 5326-5333.	6.6	153
12	Two-Dimensional Transition-Metal Electride Y ₂ C. Chemistry of Materials, 2014, 26, 6638-6643.	3.2	151
13	Large magnetoresistance in LaBi: origin of field-induced resistivity upturn and plateau in compensated semimetals. New Journal of Physics, 2016, 18, 082002.	1.2	134
14	Compensated Semimetal LaSb with Unsaturated Magnetoresistance. Physical Review Letters, 2016, 117, 127204.	2.9	132
15	Ligand-Hole in [Sn ₆] Unit and Origin of Band Gap in Photovoltaic Perovskite Variant Cs ₂ SnI ₆ . Bulletin of the Chemical Society of Japan, 2015, 88, 1250-1255.	2.0	130
16	Quantum transport of two-dimensional Dirac fermions in SrMnBi. Physical Review B, 2011, 84, .	1.1	127
17	Orbital-selective Dirac fermions and extremely flat bands in frustrated kagome-lattice metal CoSn. Nature Communications, 2020, 11, 4002.	5.8	121
18	Dirac cone, flat band and saddle point in kagome magnet YMn ₆ Sn ₆ . Nature Communications, 2021, 12, 3129.	5.8	119

#	ARTICLE	IF	CITATIONS
37	Ultrafast extreme rejuvenation of metallic glasses by shock compression. Science Advances, 2019, 5, 6249	4.7	66
38	Phase Diagram of $K_xFe_{2-y}Se_z$ Homostructures, Nature Physics, 2022, 18, 30-36	2.9	65
39	Pressure Induced Stripe-Order Antiferromagnetism and First-Order Phase Transition in Fese. Physical Review Letters, 2016, 117, 237001.	2.9	65
40	Evidence of topological insulator state in the semimetal LaBi. Physical Review B, 2017, 95, .	1.1	65
41	Twist engineering of the two-dimensional magnetism in double bilayer chromium triiodide homostructures. Nature Physics, 2022, 18, 30-36	6.5	62
42	Synthesis, crystal structure, and magnetism of $Fe_{1.00}(\text{Fe}_2\text{Mo}_2)_3$ Charge-Density-Wave-Induced Bands Renormalization and Energy Gaps in a Kagome Superconductor	1.1	61
43	Thermally activated energy and flux-flow Hall effect of RbV_3 Physical Review X, 2021, 11, .	2.8	60
44			

#	ARTICLE	IF	CITATIONS
55	Experimental Observation of Dirac Nodal Links in Centrosymmetric Semimetal TiB_2 . Physical Review X, 2018, 8, .	2.8	49
56	Time-reversal symmetry broken by charge order in CsV_3Sb_5 . Physical Review Research, 2022, 4, .	1.3	48
57	Geometry of the charge density wave in the kagome metal Fe_3Sb_2 . Physical Review B, 2021, 104, .	1.1	47
58	Imaging Domain Reversal in an Ultrathin Van der Waals Ferromagnet. Advanced Materials, 2020, 32, e2003314.	11.1	47
59	Geometry of the charge density wave in the kagome metal AV_3Sb_5 . Physical Review B, 2021, 104, .	1.1	47
60	Quasiparticle interference evidence of the topological Fermi arc states in chiral fermionic semimetal CoSi. Science Advances, 2019, 5, eaaw9485.	4.7	46
61	Unconventional charge density wave and photoinduced lattice symmetry change in the kagome metal CsV_3 probed by time-resolved spectroscopy. Physical Review B, 2021, 104, .	1.1	46
62	Coexistence of Bulk Superconductivity and Charge Density Wave in ZrTe_5 . Physical Review Letters, 2011, 106, 246404.	2.9	45
63	Intrinsic Anomalous Nernst Effect Amplified by Disorder in a Half-Metallic Semimetal. Physical Review X, 2019, 9, .	2.8	45
64	Preparation and characterization of CuAlO_2 transparent thin films prepared by chemical solution deposition method. Journal of Sol-Gel Science and Technology, 2010, 53, 641-646.	1.1	44
65	Crossover of critical behavior in $\text{La}_{0.7}\text{Ca}_{0.3}\text{Mn}_{1-x}\text{Ti}_x\text{O}_3$. Journal of Magnetism and Magnetic Materials, 2010, 322, 242-246.	1.0	44
66	High- T_c superconductivity up to 55 K under high pressure in a heavily electron doped $\text{Li}_{0.36}(\text{NH}_3)_y\text{Fe}_2\text{Se}_2$ single crystal. Physical Review B, 2018, 97, .	1.1	44
67	Experimental observation of bulk nodal lines and electronic surface states in ZrB_2 . Npj Quantum Materials, 2018, 3, .	1.8	44
68	Double-dome superconductivity under pressure in the V-based kagome metals AV_3Sb_5 . (AV_3Sb_5) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 212 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML">	1.1	44
69	Modulation Effect of Interlayer Spacing on the Superconductivity of Electron-Doped FeSe-Based Intercalates. Inorganic Chemistry, 2015, 54, 3346-3351.	1.9	43
70	Large magnetoresistance in the type-II Weyl semimetal WP_2 . Physical Review B, 2017, 96, .	1.1	43
71	Phase separation in $\text{K}_x\text{Fe}_2\text{Se}_4$. Physical Review B, 2017, 96, .	1.1	42
72	Local orbital degeneracy lifting as a precursor to an orbital-selective Peierls transition. Nature Communications, 2019, 10, 3638.	5.8	42

#	ARTICLE	IF	CITATIONS
73	Anisotropy in transport and magnetic properties of $K0.64Fe1.44Se2$. Physical Review B, 2011, 83, .	1.1	41
74	Signatures of charge inhomogeneities in the infrared spectra of topological insulators Bi_2Se_3 , Bi_2Te_3 and Sb_2Te_3 . Journal of Physics Condensed Matter, 2013, 25, 075501.	0.7	41
75	Magnetic-Field-Induced Quantum Phase Transitions in a van der Waals Magnet. Physical Review X, 2020, 10, .	2.8	41
76	Microscopic evidence for anisotropic multigap superconductivity in the CsV_3Sb_5 kagome superconductor. Npj Quantum Materials, 2022, 7, .	1.8	41
77	Superconductivity in noncentrosymmetric ternary equiatomic pnictides $LaMP$ ($T_c = 10.784314$ K). Physical Review B, 2021, 103, 020407.	1.1	40
78	Effects of excess Fe on upper critical field and magnetotransport in Bi_2Te_3 . Physical Review B, 2014, 89, 040407.		

#	ARTICLE	IF	CITATIONS
91	al, magnetic, and electrical properties of Li $\frac{1}{\sqrt{2}} \int_{-\infty}^{\infty} \text{Im} \chi(\omega) \text{Ru} \dots$	1.1	32
92	Preparation of SrMoO_4 thin films on Si substrates by chemical solution deposition. Journal of Crystal Growth, 2008, 310, 789-793.	0.7	31
93	Mott Transition and Superconductivity in Quantum Spin Liquid Candidate NaYbSe_2 . Chinese Physics Letters, 2020, 37, 097404.	1.3	31
94	Divergency of SDW and structure transition in $\text{Fe}_{1-x}\text{Ni}_x\text{Se}$ superconductors. Physica C: Superconductivity and Its Applications, 2009, 469, 1958-1961.	0.6	29
95	Anisotropic magnetic entropy change in the hard ferromagnetic semiconductor V_3S_7 . Physical Review B, 2019, 100, .	1.1	29
96	Superconductivity of Ni-doping $2\text{H}\mu\text{TaS}_2$. Physica C: Superconductivity and Its Applications, 2010, 470, 313-317.	0.6	28
97	Superconductivity of $\text{FeSe}_{0.89}$ crystal with hexagonal and tetragonal structures. Superconductor Science and Technology, 2009, 22, 075016.	1.8	27
98	Spin-Reorientation-Induced Band Gap in $\text{Fe}_3\text{V}_3\text{S}_{13}$: Optical Signatures of Weyl Nodes. Physical Review Letters, 2020, 125, 076403.	2.9	27
99	Structure and physical properties of the layered iron oxychalcogenide $\text{BaFe}_2\text{Se}_3\text{O}$. Physical Review B, 2012, 86, .	1.1	26
100	Thermoelectric studies of $\text{K}_x\text{Fe}_2\text{ySe}_2$ indicating a weakly correlated superconductor. Physical Review B, 2011, 83, .	1.1	25
101	Epitaxial antiperovskite superconducting CuNNi_3 thin films synthesized by chemical solution deposition. Chemical Communications, 2014, 50, 12734-12737.	2.2	25
102	Raising T_c in charge density wave superconductor ZrTe_3 by Ni intercalation. Europhysics Letters, 2011, 95, 17011.	0.7	24
103	Giant topological Hall effect of ferromagnetic kagome metal Fe_3Sn_2 . Chinese Physics B, 2020, 29, 017101.	0.7	23
104	Spin excitations in metallic kagome lattice FeSn and CoSn . Communications Physics, 2021, 4, .	2.0	23
105	Local structural disorder and superconductivity in KFe_2Se_3 . Physical Review B, 2021, 104, .	1.1	22
106	Type-I superconductivity in KBi_2 single crystals. Journal of Physics Condensed Matter, 2016, 28, 085701.	0.7	22
107	Direct observation of competition between charge order and itinerant ferromagnetism in the van der Waals crystal Fe_5Te_3 . Antiferromagnetism in semiconducting KFe_2Se_3 . Physical Review B, 2021, 104, .	1.1	22
108	Antiferromagnetism in semiconducting KFe_2Se_3 . Physical Review B, 2021, 104, .	1.1	21

#	ARTICLE	IF	CITATIONS
109	Magneto-Memristive Switching in a 2D Layer Antiferromagnet. <i>Advanced Materials</i> , 2020, 32, e1905433.	11.1	21
110	Magnetic-Field Control of Topological Electronic Response near Room Temperature in Correlated Kagome Magnets. <i>Physical Review Letters</i> , 2019, 123, 196604.	2.9	20
111	Large magnetocaloric effect in van der Waals crystal CrBr ₃ . <i>Frontiers of Physics</i> , 2019, 14, 1.	2.4	20
112	Tunable layered-magnetism-assisted magneto-Raman effect in a two-dimensional magnet CrI ₃ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24664-24669.	3.3	20
113	Layer-Number-Dependent Antiferromagnetic and Ferromagnetic Behavior in MnSb_2 . <i>Physical Review Letters</i> , 2022, 128, 017201.	2.9	19
114	Manipulation of topological spin configuration via tailoring thickness in van der Waals ferromagnetic Fe_5S_5 . <i>Physical Review B</i> , 2022, 105, .	1.1	19
115	Growth of Ca ₃ Co ₄ O ₉ films: Simple chemical solution deposition and stress induced spontaneous dewetting. <i>Journal of Applied Physics</i> , 2007, 102, 103519.	1.1	18
116	Template Epitaxial Growth of Thermoelectric Bi/BiSb Superlattice Nanowires by Charge-Controlled Pulse Electrodeposition. <i>Journal of the Electrochemical Society</i> , 2009, 156, K149.	1.3	18
117	Emergent nematicity and intrinsic versus extrinsic electronic scattering processes in the kagome metal CsV_3Sb_5 . <i>Physical Review Research</i> , 2022, 4, .	1.3	18
118	Effects of citric acid on properties of single phase CuAlO ₂ thin films derived by chemical solution deposition. <i>Journal of Alloys and Compounds</i> , 2009, 487, 404-408.	2.8	17
119	Evolution of correlation strength in $\text{K}_x\text{Fe}_2\text{S}_2$. <i>Physical Review B</i> , 2011, 84, .	1.1	17
120	Co-intercalated $\text{K}_x\text{Fe}_2\text{S}_2$ super. <i>Physical Review B</i> , 2011, 84, .	1.1	17
121	Novel Superstructure-Phase Two-Dimensional Material 1T-VSe ₂ at High Pressure. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 380-386.	1.1	17
122	Evolution of Electronic Structure in Pristine and Rb-Reconstructed Surfaces of Kagome Metal RbV ₃ Sb ₅ . <i>Nano Letters</i> , 2022, 22, 918-925.	2.1	17
123	Influence of annealing temperature on surface morphology and magnetic properties of Ni _{0.7} Zn _{0.3} Fe ₂ O ₄ ferrite thin films. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 167, 70-73.	4.5	17
124	Probing Ir_2Te_6 crystal symmetry by polarized Raman scattering. <i>Physical Review B</i> , 2014, 89, .	1.7	16
125	Robust short-range-ordered nematicity in FeSe evidenced by high-pressure NMR. <i>Physical Review B</i> , 2017, 96, .	1.1	16

#	ARTICLE	IF	CITATIONS
127	Local corrugation and persistent charge density wave in ZrTe ₃ with Ni intercalation. Physical Review B, 2018, 97, .	1.1	16
128	Study on chemical solution deposition of aluminum-doped zinc oxide films. Journal of Alloys and Compounds, 2010, 505, 434-442.	2.8	15
129	Effect of Cr doping on the optical electrical property of CuAlO ₂ thin films derived by chemical solution deposition. Thin Solid Films, 2011, 519, 2559-2563.	0.8	15
130	Lattice dynamics of KNi ₂ Se ₂ Physical Review B, 2016, 93, 074407.	1.1	15
131	Quasi-two-dimensional superconductivity from dimerization of atomically ordered AuTe ₂ Se _{4/3} cubes. Nature Communications, 2017, 8, 871.	5.8	15
133	Chemical Solution Deposition of Transparent and Metallic La _{0.5} Sr _{0.5} TiO _{3+x/2} Films Using Topotactic Reduction. Journal of the American Ceramic Society, 2009, 92, 800-804.	1.9	14
134	Magnetism in La ₂ O ₃ (Fe _{1-x} Mn _x) ₂ Se ₂ tuned by Fe/Mn ratio. Physical Review B, 2012, 86, .	1.1	14
135	Structural Monoclinicity and Its Coupling to Layered Magnetism in Few-Layer CrI ₃ . ACS Nano, 2021, 15, 10444-10450.	7.3	14
136	Signatures of the spin-phonon coupling in Ba _{1-x} Bi _x Fe ₂ As ₂ Physical Review B, 2017, 95, 020407.	0.9	13
137	Superconductivity in Alkaline Earth Metal-Filled Skutterudites Ba _x Ir _{4-x} X ₁₂ (X = As, P). Journal of the American Chemical Society, 2017, 139, 8106-8109.	6.6	13
138	Intertwined Magnetic and Nematic Orders in Semiconducting KFe ₂ As ₂ Physical Review Letters, 2019, 122, 087201.	2.9	13
139	Manipulation of Dirac band curvature and momentum-dependent g factor in a kagome magnet. Nature Physics, 2022, 18, 644-649.	6.5	13
140	Seed layer, solution concentration and thickness effects on CSD-derived La ₂ Zr ₂ O ₇ buffer layers for coated conductors. Physica C: Superconductivity and Its Applications, 2007, 467, 73-79.	0.6	12
141	Magnetic field annealing effects on self-oriented BiFeO ₃ thin films prepared by chemical solution deposition. Journal of Magnetism and Magnetic Materials, 2010, 322, 2647-2652.	1.0	12
142	Synthesis and characterization of self-assembled c-axis oriented Bi ₂ Sr ₃ Co ₂ O _y thin films by the sol-gel method. Dalton Transactions, 2011, 40, 9544.	1.6	12
143	Superconductivity in Bi ₂ Sr ₂ Co ₂ O ₇ Physical Review B, 2008, 77, 020407.	1.1	12
144	Extremely large magnetoresistance and high-density Dirac-like fermions in ZrB ₂ . Physical Review B, 2018, 97, .	1.1	12

#	ARTICLE	IF	CITATIONS
145	Electronic correlation effects in the kagome magnet CdMn_6Sn_6 . Physical Review B, 2021, 104, .	1.1	12
146	Spin-flip-driven giant magnetotransport in A-type antiferromagnet NaCr_2Te_2 . Physical Review Materials, 2021, 5, .	0.9	12
147	Pressure effect on the anomalous Hall effect of ferromagnetic Weyl semimetal $\text{Co}_3\text{Sn}_2\text{S}_2$. Physical Review Materials, 2020, 4, .	0.9	12
148	Chirality locking charge density waves in a chiral crystal. Nature Communications, 2022, 13, .	5.8	12
149	Superconductivity and single crystal growth of $\text{Ni}_0.05\text{TaS}_2$. Solid State Communications, 2009, 149, 1296-1299.	0.9	11
150	Comparative study of the structural, optical, and electrical properties of CuAlO_2 thin films on Al_2O_3 and YSZ substrates via chemical solution deposition. Journal of Sol-Gel Science and Technology, 2011, 58, 12-17.	1.1	11
151	Carrier density and mechanism of vortex pinning in $\text{K}_x\text{Fe}_y\text{Se}$. Physical Review B, 2012, 85, 040401.	1.1	11
152	Electronic Griffiths Phase in the Te-Doped Semiconductor FeSb_2 . Physical Review Letters, 2012, 109, 256401.	2.9	11
153	Lattice dynamics of BaFe_2Sb_2 . Physical Review B, 2015, 91, 040401.	1.1	11
154	Effects of disorder and hydrostatic pressure on charge density wave and superconductivity in Hf_2Sb_2 . Physical Review B, 2021, 103, .	1.1	11
155	Tri-hexagonal charge order in kagome metal CsV_3Sb_5 revealed by ^{121}Sb nuclear quadrupole resonance. Chinese Physics B, 2022, 31, 017105.	0.7	11
156	Large magnetoresistance induced by surface ferromagnetism in A-type antiferromagnetic $\text{La}_0.4\text{Sr}_0.6\text{MnO}_3$ nanoparticles. Journal of Magnetism and Magnetic Materials, 2009, 321, 2009-2014.	1.0	10
157	Upper critical fields and superconducting anisotropy of $\text{K}_{0.70}\text{Fe}_{1.55}\text{Se}_{1.01}\text{S}_{0.99}$ and $\text{K}_{0.76}\text{Fe}_{1.61}\text{Se}_{0.96}\text{S}_{1.04}$. Europhysics Letters, 2011, 95, 57006.	0.7	10
158	Phonon and magnetic dimer excitations in Fe-based S=2 spin-ladder compound $\text{BaFe}_2\text{Se}_2\text{O}$. Physical Review B, 2014, 89, .	1.1	10
159	Raman scattering study of two-dimensional magnetic van der Waals compound Vl_3^* . Chinese Physics B, 2020, 29, 056301.	0.7	10
160	Observation of a chiral wave function in the twofold-degenerate quadruple Weyl system BaPtGe . Physical Review B, 2021, 103, .	1.1	10
161	Electrically and Magnetically Tunable Valley Polarization in Monolayer MoSe_2 Proximitized by a 2D Ferromagnetic Semiconductor. Advanced Functional Materials, 2022, 32, .	7.8	10
162	Growth and optical properties of transparent CaMoO_4 films by chemical solution deposition on Si and glass substrates. Journal Physics D: Applied Physics, 2009, 42, 045404.	1.3	9

#	ARTICLE	IF	CITATIONS
163	Effects of magnetic field on grain growth of non-ferromagnetic metals: A Monte Carlo simulation. Europhysics Letters, 2009, 85, 38004.	0.7	9
164	Narrow-gap semiconducting properties of KMgBi with multiband feature. Physical Review B, 2017, 95, .	1.1	9
165	Structures and physical properties of v -based kagome metals csv_6sb_6 and csv_8sb_{12} *. Chinese Physics Letters, 2021, 38, 127401.	1.3	9
166	Chemical Solution Deposition of $Y_{2}Ti_{2}O_{7}$ $La_{2}Zr_{2}O_{7}$ Composite Buffer Layers. IEEE Transactions on Applied Superconductivity, 2007, 17, 3819-3823.	1.1	8
167	Absence of local fluctuating dimers in superconducting $Ir_{1.4}Mn_{0.6}$ Physical Review B, 2018, 97, .		
168	Probing the direct factor for superconductivity in FeSe-Based Superconductors by Raman Scattering. Physical Review B, 2019, 100, .	1.1	8
169	Growth and photoluminescence of (00l)-oriented RMO_4 films by chemical solution deposition. Materials Letters, 2010, 64, 344-346.	1.3	7
170	Spin glass in semiconducting $KFe_{1.05}Ag_{0.88}Te_2$ single crystals. Physical Review B, 2015, 91, .		
171	Insulating and metallic spin glass in Ni-doped $KxMn_{1-x}$ crystals. Physical Review B, 2015, 91, .		
172	Strong charge density wave fluctuation and sliding state in PdTeI with quasi-one-dimensional PdTe chains. Physical Review B, 2016, 93, .	1.1	7
173	Enhanced superconductivity and anisotropy of $FeTe_{0.6}Li_{0.4}$ single crystals with Li Physical Review B, 2015, 91, .	1.1	7
174	Evolution of ultraflat band in the van der Waals kagome semiconductor Pd_3		

#	ARTICLE	IF	CITATIONS
181	Normal and superconducting state properties of Cu-doped FeSe single crystals. Physical Review B, 2021, 103, .	1.1	6
182	Three-dimensional charge density wave observed by angle-resolved photoemission spectroscopy in CuTe_2 . Physical Review B, 2021, 104, .	1.1	6
183	Electron spin resonance study of a CuRu_2S_4 single crystal. Philosophical Magazine, 2013, 93, 1132-1141.	0.7	5
184	Electronic structure of the iron chalcogenide KFeAgTe_2 revealed by angle-resolved photoemission spectroscopy. Physical Review B, 2013, 88, .	1.1	5
185	Layered Compounds $\text{BaM}_2\text{Ge}_4\text{Ch}_6$ (M = Rh, Ir and Ch = S, Se) with Pyrite-Type Building Blocks and Ge^{4-} Ch Heteromolecule-Like Anions. Inorganic Chemistry, 2014, 53, 5684-5691.	1.9	5
186	Evidence of superconductivity-induced phonon spectra renormalization in alkali-doped iron selenides. Journal of Physics Condensed Matter, 2015, 27, 485701.	0.7	5
187	Superconducting properties of MgCu_2 -type Laves phase compounds SrRh_2 and BaRh_2 . Journal of Physics Condensed Matter, 2020, 32, 295601.	0.7	5
188	Exchange Bias Effects in Ferromagnetic MnSb_2Te_4 down to a Monolayer. ACS Applied Electronic Materials, 2022, 4, 3256-3262.	2.0	5
189	Superconductivity and physical properties of strongly electron correlated compounds $\text{La}_n\text{Ru}_{3n-1}\text{B}_{2n}$ (n = 1, 2, and 3). Europhysics Letters, 2013, 104, 17003.	0.7	4
190	Critical current density and vortex pinning mechanism of $\text{Li}_x(\text{NH}_3)_y\text{Fe}_2\text{Te}_{1.2}\text{Se}_{0.8}$ single crystals. Superconductor Science and Technology, 2017, 30, 115005.	1.8	4
191	Transport properties of $\text{Li}_x(\text{NH}_3)_y\text{Fe}_2(\text{Te}_{1-x}\text{Se}_x)$ single crystals in the mixed state. Superconductor Science and Technology, 2018, 31, 015003.		
192	Phonon anomalies and magnetic excitations in BaFe_2O_7 . Physical Review B, 2019, 99, .		
193	$\text{Fe}_{0.36(4)}\text{Pd}_{0.64(4)}\text{Se}_2$: Magnetic Spin-Glass Polymorph of FeSe_2 and PdSe_2 Stable at Ambient Pressure. Inorganic Chemistry, 2019, 58, 3107-3114.	1.9	4
194	Atomically flat surface preparation for surface-sensitive technologies*. Chinese Physics B, 2020, 29, 028101.	0.7	4
195	Absence of Kondo effect in CeNiGe_3 revealed by coherent phonon dynamics. Physical Review B, 2021, 104, .	1.1	4
196	Thermal transport and mixed valence in ZrTe_3 doped with Hf and Se. Applied Physics Letters, 2022, 120, .	1.5	4
197	On the Nanoscale Structure of $\text{K}_x\text{Fe}_2\text{Ch}_2$ (Ch = S, Se): A Neutron Pair Distribution Function View. Condensed Matter, 2018, 3, 20.	0.8	3
198	Magnetotransport properties of compensated semimetal HfB_2 with high-density light carriers. Journal of Physics Condensed Matter, 2020, 32, 015601.	0.7	3

#	ARTICLE	IF	CITATIONS
199	Pressure-Induced Superconductivity in Flat-Band Kagome Compounds Pd ₃ P ₂ (S ¹ x Se _x) ₈ . Chinese Physics Letters, 2022, 39, 067404.	1.3	3
200	Chemical Solution Deposition of LaMnO ₃ Buffer Layers for Coated Conductors. IEEE Transactions on Applied Superconductivity, 2007, 17, 3880-3885.	1.1	2
201	$\frac{1}{x} \text{Fe} \frac{1}{2} \text{Se}$	1.1	2
202	Evolution of the Pauli spin-paramagnetic effect on the upper critical fields of single-crystalline KxFe ₂ ySe ₂ zS _z . Physical Review B, 2014, 90, .	1.1	2
203	Upper critical field and vortex phase diagram of polycrystalline $\hat{\Gamma}$ -Mo _{1-x} Zr _x N thin films by sol-gel. Journal of Applied Physics, 2014, 115, 033905.	1.1	2
204	Physical properties of quaternary compounds Gd ₂ CoAl ₄ T ₂ (T = Si, Ge) single crystals. Frontiers of Physics, 2019, 14, 1.	2.4	2
205	Chemical solution deposition and transport properties of Ag-doped manganite films. Journal of Crystal Growth, 2007, 299, 330-335.	0.7	1
206	Superconducting state in the metastable binary bismuthide Rh ₃ Bi ₁₄ single crystals. Physical Review B, 2012, 86, .	1.1	1
207	Observation of cyclotron antiresonance in the topological insulator Bi ₂ Te ₃ . Physical Review B, 2018, 98, .	1.1	1
208	Quaternary antiferromagnetic Ba ₂ BiFeS ₅ with isolated FeS ₄ tetrahedra*. Chinese Physics B, 2019, 28, 087401.	0.7	1
209	Tuning of Magnetic Properties of $\hat{\Gamma}$ -RuCl ₃ Single Crystal by Cr Doping. Chinese Physics Letters, 2020, 37, 067501.	1.3	1
210	Consecutive topological transitions of helical Fermi arcs at saddle points in CoSi. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	2.0	1
211	Magnetic and Transport Properties Based on Transition-Metal Compounds. Advances in Condensed Matter Physics, 2014, 2014, 1-2.	0.4	0
212	Physical Properties of [A ₆ Cl][Fe ₂₄ Se ₂₆](A = K, Rb) with Self-Similar Structure*. Chinese Physics Letters, 2020, 37, 017401.	1.3	0
213	Memristive Switching: Magneto- Memristive Switching in a 2D Layer Antiferromagnet (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT / Over 11.1	11.1	0