

# X-H Chen

## List of Publications by Year in descending order

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294  
papers

30,353  
citations

10986

71  
h-index

4774

169  
g-index

298  
all docs

298  
docs citations

298  
times ranked

22024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Terahertz pulse-driven collective mode in the nematic superconducting state of Ba <sub>1-x</sub> K <sub>x</sub> Fe <sub>2</sub> As <sub>2</sub> . Npj Quantum Materials, 2022, 7, .	5.2	15
2	Charge-density-wave-driven electronic nematicity in a kagome superconductor. Nature, 2022, 604, 59-64.	27.8	180
3	Pressure-Induced Dimensional Crossover in a Kagome Superconductor. Physical Review Letters, 2022, 128, 077001.	7.8	27
4	Orbital ordering and fluctuations in a kagome superconductor CsV <sub>3</sub> Sb <sub>5</sub> . Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	39
5	Flat-Band-Induced Anomalous Anisotropic Charge Transport and Orbital Magnetism in Kagome Metal CoSn. Physical Review Letters, 2022, 128, 096601.	7.8	22
6	$\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Se} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 77 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ -NMR evidence for spin-singlet superconductivity with exotic superconducting fluctuations in FeSe. Physical Review B, 2022, 105, .	3.2	2
7	A novel iron-based superconductor synthesized by the ion exchange technique. New Journal of Physics, 2022, 24, 043035.	2.9	3
8	Symmetry-protected Dirac nodal lines and large spin Hall effect in a $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{V} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 6 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Sb} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle$ kagome bilayer. Physical Review B, 2022, 105, .	3.2	3
9	Superior carrier tuning in ultrathin superconducting materials by electric-field gating. Nature Reviews Physics, 2022, 4, 336-352.	26.6	12
10	Manipulating high-temperature superconductivity by oxygen doping in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\hat{I}$ thin flakes. National Science Review, 2022, 9, .	9.5	4
11	Twisted black phosphorus-based van der Waals stacks for fiber-integrated polarimeters. Science Advances, 2022, 8, eabo0375.	10.3	30
12	Giant Negative Magnetoresistance beyond Chiral Anomaly in Topological Material YCuAs <sub>2</sub> . Advanced Materials, 2022, 34, e2201597.	21.0	6
13	A new class of bilayer kagome lattice compounds with Dirac nodal lines and pressure-induced superconductivity. Nature Communications, 2022, 13, 2773.	12.8	19
14	Electronic nature of the pseudogap in electron-doped Sr <sub>2</sub> IrO <sub>4</sub> . Npj Quantum Materials, 2022, 7, .	5.2	6
15	Large Thermopower Enhanced by Spin Entropy in Antiferromagnet EuMnSb <sub>2</sub> . Advanced Functional Materials, 2022, 32, .	14.9	4
16	Research progress of tuning correlated state in two-dimensional system by organic molecule intercalation. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 127403.	0.5	2
17	Electronic states dressed by an out-of-plane supermodulation in the quasi-two-dimensional kagome superconductor $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{CsV} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle$ Physical Review B, 2022, 105, .	3.2	13
18	Discrete superconducting phases in proton-intercalated FeSe thin flakes. Physical Review B, 2022, 106, .	3.2	1

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19	Superconductivity at 40 K in Lithiation-Processed [(Fe,Al)(OH) <sub>2</sub> ][FeSe] <sub>1.2</sub> with a Layered Structure. Inorganic Chemistry, 2021, 60, 3902-3908.	4.0	10
20	A low-T <sub>c</sub> superconducting modification of Th <sub>4</sub> H <sub>15</sub> synthesized under high pressure. Superconductor Science and Technology, 2021, 34, 034006.	3.5	11
21	Pressure-controlled anomalous Hall conductivity in the half-Heusler antiferromagnet GdPtBi. Physical Review B, 2021, 103, .	3.2	7
22	Possible bipolar effect inducing anomalous transport behavior in the magnetic topological insulator Mn(Bi <sub>1-x</sub> Sbx) <sub>2</sub> Te <sub>4</sub> . Physical Review B, 2021, 103, .	3.2	7
23	Exceptional Performance Driven by Planar Honeycomb Structure in a New High Temperature Thermoelectric Material BaAgAs. Advanced Functional Materials, 2021, 31, 2100583.	14.9	25
24	Large-scale growth of few-layer two-dimensional black phosphorus. Nature Materials, 2021, 20, 1203-1209.	27.5	133
25	Intrinsic Spin Susceptibility and Pseudogaplike Behavior in Infinite-Layer $\text{LaNiO}_2$ . Physical Review Letters, 2021, 126, 197001.	7.8	25
26	Unusual competition of superconductivity and charge-density-wave state in a compressed topological kagome metal. Nature Communications, 2021, 12, 3645.	12.8	193
27	Manipulating Ferromagnetism in Few-Layered Cr <sub>2</sub> Ge <sub>2</sub> Te <sub>6</sub> . Advanced Materials, 2021, 33, e2008586.	21.0	49
28	Electrical transport properties of FeSe single crystal under high magnetic field. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	10
29	Nodeless superconductivity in the kagome metal CsV <sub>3</sub> Sb <sub>5</sub> . Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	100
30	Thermoelectric performance of binary lithium-based compounds: Li <sub>3</sub> Sb and Li <sub>3</sub> Bi. Applied Physics Letters, 2021, 119, .	3.3	7
31	Evolution of transport properties in FeSe thin flakes with thickness approaching the two-dimensional limit. Physical Review B, 2021, 104, .	3.2	7
32	Concurrence of anomalous Hall effect and charge density wave in a superconducting topological kagome metal. Physical Review B, 2021, 104, .	3.2	202
33	Three-Dimensional Charge Density Wave and Surface-Dependent Vortex-Core States in a Kagome Superconductor $\text{CsV}_3\text{Sb}_5$ . Physical Review X, 2021, 11, .	8.9	176
34	Superconducting Fluctuations in Overdoped $\text{Bi}_2$ . Physical Review X, 2021, 11, .	8.9	20
35	Exploring Low Power and Ultrafast Memristor on p-Type van der Waals SnS. Nano Letters, 2021, 21, 8800-8807.	9.1	57
36	Strong coupling between magnetic order and band topology in the antiferromagnet $\text{EuMnSb}_2$ . Physical Review B, 2021, 104, .	11.2	191

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37	Field-induced metal-to-insulator transition and colossal anisotropic magnetoresistance in a nearly Dirac material EuMnSb <sub>2</sub> . Npj Quantum Materials, 2021, 6, . Strain-sensitive superconductivity in the kagome metals $\text{KV}_3\text{Sb}_5$ and $\text{CsV}_3\text{Sb}_5$ $\text{KV}_3\text{Sb}_5$ $\text{CsV}_3\text{Sb}_5$	5.2	20
38	Pressure-induced magnetism in the iron-based superconductors $\text{FeAs}_2$ ( $\text{FeAs}_2$ ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 577 Td $\text{FeAs}_2$	3.2	24
39	Mapping Dirac fermions in the intrinsic antiferromagnetic topological insulators $\text{Z}_2\text{V}_6\text{Sb}_5$ $\text{Z}_2\text{V}_6\text{Sb}_5$	3.2	8
40	Harvesting transverse thermoelectricity in topological semimetals. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	3
41	Pressure-induced magnetism in the iron-based superconductors $\text{FeAs}_2$ ( $\text{FeAs}_2$ ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 577 Td $\text{FeAs}_2$	3.2	24
42	Metal-insulator transition in organic ion intercalated $\text{VSe}_2$ induced by dimensional crossover. Physical Review B, 2020, 102, .	3.2	8
43	Mapping Dirac fermions in the intrinsic antiferromagnetic topological insulators $\text{Z}_2\text{V}_6\text{Sb}_5$		

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55	Pressure-induced superconductivity in a shandite compound Pd <sub>3</sub> Pb <sub>2</sub> Se <sub>2</sub> with the Kagome lattice. New Journal of Physics, 2020, 22, 123013.	2.9	10
56	Quasi-two-dimensional superconductivity in $\text{SnS}_2$ via organic ion intercalation. Physical Review Materials, 2020, 4, .	2.4	11
57	Probing the direct factor for superconductivity in FeSe-Based Superconductors by Raman Scattering. Physical Review B, 2019, 100, .	3.2	8
58	Structural and electronic phase transitions driven by electric field in metastable $\text{MoS}_2$ thin flakes. Physical Review B, 2019, 100, .	3.2	8
59	Absence of van der Waals Gap in Ternary Thorium Nitride ThN and ThNCl. Inorganic Chemistry, 2019, 58, 9897-9903.	4.0	1
60	Magnetic Field-Enhanced Thermoelectric Performance in Dirac Semimetal Cd <sub>3</sub> As <sub>2</sub> Crystals with Different Carrier Concentrations. Advanced Functional Materials, 2019, 29, 1902437.	14.9	33
61	Transition from Ferromagnetic Semiconductor to Ferromagnetic Metal with Enhanced Curie Temperature in Cr <sub>2</sub> Ge <sub>2</sub> Te <sub>6</sub> via Organic Ion Intercalation. Journal of the American Chemical Society, 2019, 141, 17166-17173.	13.7	122
62	High-temperature superconductivity in monolayer Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ . Nature, 2019, 575, 156-163.	27.8	218
63	Magnetic and transport properties in the magnetic topological insulators $\text{MnBi}_2\text{T}_2$		

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73	Antiferromagnetic Order in Epitaxial FeSe Films on $\text{SrTiO}_3$ . Physical Review Letters, 2018, 120, 097001.	7.8	35
74	Coexistence of metallic and insulating channels in compressed $\text{YbB}_6$ . Physical Review B, 2018, 97, .	3.2	8
75	Breakdown of single spin-fluid model in the heavily hole-doped superconductor $\text{CsFe}_2\text{As}_2$ . Physical Review B, 2018, 97, .	3.2	10
76	Torque Differential Magnetometry Using the qPlus Mode of a Quartz Tuning Fork. Physical Review Applied, 2018, 9, .	3.8	8
77	Evidence for negative thermal expansion in the superconducting precursor phase $\text{SmFeAsO}$ . Journal of Physics Condensed Matter, 2018, 30, 095601.	1.8	3
78	Magnetic-field enhanced high-thermoelectric performance in topological Dirac semimetal $\text{Cd}_3\text{As}_2$ crystal. Science Bulletin, 2018, 63, 411-418.	9.0	55
79	Magnetic field-induced electronic phase transition in the Dirac semimetal state of black phosphorus under pressure. Science Bulletin, 2018, 63, 1539-1544.	9.0	3
80	Superconductivity in the metastable $\text{Mo}_2\text{P}$ phases of $\text{Mo}_2\text{P}$ . Physical Review B, 2018, 98, .	3.2	19
81	Discrete Superconducting Phases in FeSe-Derived Superconductors. Physical Review Letters, 2018, 121, 207003.	7.8	49
82	Revealing the hidden order in $\text{BaTiO}_3$ via nuclear magnetic resonance. Physical Review B, 2018, 98, .	3.2	4
83	FeSe-based superconductors with a superconducting transition temperature of 50 K. New Journal of Physics, 2018, 20, 123007.	2.9	40
84	Gate-tunable room-temperature ferromagnetism in two-dimensional $\text{Fe}_3\text{GeTe}_2$ . Nature, 2018, 563, 94-99.	27.8	1,646
85	Quantum Hall Effect in Electron-Doped Black Phosphorus Field-Effect Transistors. Nano Letters, 2018, 18, 6611-6616.	9.1	47
86	Orbital Origin of Extremely Anisotropic Superconducting Gap in Nematic Phase of FeSe Superconductor. Physical Review X, 2018, 8, .	8.9	53
87	Discerning Black Phosphorus Crystal Orientation and Anisotropy by Polarized Reflectance Measurement. ACS Applied Materials & Interfaces, 2018, 10, 25629-25637.	8.0	20
88	Observation of superconductivity in structure-selected $\text{Ti}_2\text{O}_3$ thin films. NPG Asia Materials, 2018, 10, 522-532.	7.9	43
89	Organic-ion-intercalated FeSe-based superconductors. Physical Review Materials, 2018, 2, .	2.4	43
90	Superconductivity at 43 K in $\text{SmFeAsO}_{1-x}\text{F}_x$ . Peking University-World Scientific Advanced Physics Series, 2018, , 217-221.	0.0	0

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91	Deriving phosphorus atomic chains from few-layer black phosphorus. Nano Research, 2017, 10, 2519-2526.	10.4	26
92	Tuning phase transitions in FeSe thin flakes by field-effect transistor with solid ion conductor as the gate dielectric. Physical Review B, 2017, 95, .	3.2	77
93	Strain-Modulated Bandgap and Piezo-Resistive Effect in Black Phosphorus Field-Effect Transistors. Nano Letters, 2017, 17, 6097-6103.	9.1	117
94	Tuning electronic properties of $\text{FeSe}$ thin flakes using a solid ion conductor field-effect transistor. Physical Review B, 2017, 95, .	3.2	77
95	Probing the superconducting gap structure of $\text{FeSe}$ . Physical Review B, 2017, 96, .	11.0	110
96	Optical Waveplates Based on Birefringence of Anisotropic Two-Dimensional Layered Materials. ACS Photonics, 2017, 4, 3023-3030.	6.6	144
97	Direct observation of the layer-dependent electronic structure in phosphorene. Nature Nanotechnology, 2017, 12, 21-25.	31.5	625
98	Mottness Collapse in $\text{TaS}_2$ Transition-Metal Dichalcogenide: An Interplay between Localized. Physical Review X, 2017, 7, .	8.9	53
99	Spin injection and inverse Edelstein effect in the surface states of topological Kondo insulator $\text{SmB}_6$ . Nature Communications, 2016, 7, 13485.	12.8	37
100	Incoherence-coherence crossover and low-temperature Fermi-liquid-like behavior in $\text{FeAs}_2$ ( $\text{FeAs}_2$ , $\text{Rb}$ , $\text{Cs}$ ): evidence from electrical transport properties. Journal of Physics Condensed Matter, 2016, 28, 425702.	1.0	2
101	The influence of the structural transition on magnetic fluctuations in $\text{NaFeAs}$ . Journal of Physics Condensed Matter, 2016, 28, 27LT01.	1.8	2
102	Black phosphorus polycarbonate polymer composite for pulsed fibre lasers. Applied Materials Today, 2016, 4, 17-23.	4.3	87
103	Magnetoresistivity plateau of graphene in proximity to superconducting $\text{NbSe}_2$ . Physical Review B, 2016, 94, .	11.2	110
104	Realization of insulating state and superconductivity in the Rashba semiconductor $\text{BiTeCl}$ . Physical Review B, 2016, 93, .	3.2	23
105	Hydrostatic pressure induced three-dimensional Dirac semimetal in black phosphorus. Physical Review B, 2016, 93, .	3.2	49
106	Ultralow-Frequency Collective Compression Mode and Strong Interlayer Coupling in Multilayer Black Phosphorus. Physical Review Letters, 2016, 116, 087401.	7.8	51
107	Emergent Kondo Lattice Behavior in Iron-Based Superconductors $\text{FeAs}_2$ . Physical Review X, 2016, 6, 041047.	7.8	55
108	Bulk Fermi Surface of Charge-Neutral Excitations in $\text{SmB}_6$ or Not: A Heat-Transport Study. Physical Review Letters, 2016, 116, 246403.	7.8	34

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109	Gate-tuned superconductor-insulator transition in (Li,Fe)OHFeSe. Physical Review B, 2016, 93, .	3.2	41
110	Evolution of High-Temperature Superconductivity from a Low- $T_c$ to a High- $T_c$ Superconductor Tuned by Carrier Concentration in FeSe Thin Flakes. Physical Review Letters, 2016, 116, 077002.	7.8	245
111	Evolution of High-Temperature Superconductivity from a Low- $T_c$ to a High- $T_c$ Superconductor Tuned by Carrier Concentration in FeSe Thin Flakes. Physical Review Letters, 2016, 116, 077002.		

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127	Gate-tunable phase transitions in thin flakes of 1T-TaS <sub>2</sub> . Nature Nanotechnology, 2015, 10, 270-276.	31.5	584
128	Angle-resolved Photoemission Spectroscopy Study on the Surface States of the Correlated Topological Insulator YbB <sub>6</sub> . Scientific Reports, 2015, 4, 5999.	3.3	34
129	Electronic Structure Reconstruction across the Antiferromagnetic Transition in TaFe <sub>1.23</sub> Te <sub>3</sub> Spin Ladder. Chinese Physics Letters, 2015, 32, 027401.	3.3	5
130	Strong Similarities between the Local Electronic Structure of Insulating Iron Prictide and Lightly Doped Cuprate. Physical Review X, 2015, 5, .	8.9	12
131	Charge redistribution and a shortening of the Fe-As bond at the quantum critical point of SmO <sub>1-x</sub> F <sub>x</sub> FeAs. Journal of Synchrotron Radiation, 2015, 22, 1030-1034.	2.4	5
132	NMR evidence for field-induced ferromagnetism in (Li <sub>0.8</sub> Fe <sub>0.2</sub> )OHFeSe superconductor. Physical Review B, 2015, 91, .	3.2	11
133	Quantum oscillations in a two-dimensional electron gas in black phosphorus thin films. Nature Nanotechnology, 2015, 10, 608-613.	31.5	282
134	Crystal structure and phase diagrams of iron-based superconductors. Science China Materials, 2015, 58, 77-89.	6.3	28
135	Universal V-shaped temperature-pressure phase diagram in the iron-based superconductors KFe <sub>2</sub> As <sub>2</sub> and KFe <sub>2</sub> As. Physical Review B, 2015, 91, .	3.2	11
136	Monolayer excitonic laser. Nature Photonics, 2015, 9, 733-737.	31.4	492
137	Coexistence of superconductivity and antiferromagnetism in (Li <sub>0.8</sub> Fe <sub>0.2</sub> )OHFeSe. Nature Materials, 2015, 14, 325-329.	27.5	330
138	Anomalous impurity effects in the iron-based superconductor KFe <sub>2</sub> As <sub>2</sub> . Physical Review B, 2014, 89, .	3.2	18
139	Iron-based high transition temperature superconductors. National Science Review, 2014, 1, 371-395.	9.5	167
140	Quantum oscillations in Rashba semiconductor BiTeCl. Physical Review B, 2014, 90, .	3.2	7
141	Superconductivity in LiFeO <sub>2</sub> FeSe. Physical Review B, 2014, 89, .	3.2	92
142	Evolution of anisotropic in-plane resistivity with doping level in Ca <sub>1-x</sub> Li <sub>x</sub> FeAs <sub>2</sub> crystals. Physical Review B, 2014, 89, .	3.2	14
143	Two-dimensional Fermi surfaces in Kondo insulator SmB <sub>6</sub> . Science, 2014, 346, 1208-1212.	12.6	252
144	Structure and composition of the superconducting phase in alkali iron selenide K <sub>1-x</sub> Li <sub>x</sub> FeSe. Physical Review B, 2014, 89, .	3.2	34

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145	Origin of the pressure dependence of the anisotropic quasiparticle interference in the iron-based superconductor CsFe <sub>1-x</sub> Co <sub>x</sub> As. Physical Review B, 2014, 90, .	7.8	15
146	Sudden reversal in the pressure dependence of the iron-based superconductor CsFe <sub>1-x</sub> Co <sub>x</sub> As. Physical Review B, 2014, 90, .	3.2	36
147	the iron-based superconductor CsFe <sub>1-x</sub> Co <sub>x</sub> As. Physical Review B, 2014, 90, .	3.2	22
148	Black phosphorus field-effect transistors. Nature Nanotechnology, 2014, 9, 372-377.	31.5	7,071
149	Emergence of a Coherent In-Gap State in the Insulator Revealed by Scanning Tunneling Spectroscopy. Physical Review Letters, 2014, 112, 136401.	7.8	84
150	Electronic and magnetic structures of chain structured iron selenide compounds. Frontiers of Physics, 2014, 9, 465-471.	5.0	12
151	Electronic structure of the BaTi <sub>2</sub> As <sub>2</sub> O parent compound of the titanium-based oxypnictide superconductor. Physical Review B, 2014, 89, .	3.2	14
152	Observation of possible topological in-gap surface states in the Kondo insulator SmB <sub>6</sub> by photoemission. Nature Communications, 2013, 4, 3010.	12.8	244
153	Phase diagram and physical properties of NaFe <sub>1-x</sub> Cu <sub>x</sub> As single crystals. Physical Review B, 2013, 88, .	3.2	19
154	Visualizing the microscopic coexistence of spin density wave and superconductivity in underdoped NaFe <sub>1-x</sub> Cu <sub>x</sub> As. Nature Communications, 2013, 4, 1596.	12.8	49
155	Selection of magnetic and electronic transport properties of hole-doped SrFe <sub>1-x</sub> Cu <sub>x</sub> As. Physical Review B, 2013, 88, .	3.2	19
156	Iron Isotope Effect and Local Lattice Dynamics in the (Ba, K)Fe <sub>2</sub> As <sub>2</sub> Superconductor Studied by Temperature-Dependent EXAFS. Scientific Reports, 2013, 3, .	3.3	27
157	Sudden reversal in the pressure dependence of T <sub>c</sub> in the iron-based superconductor KFe <sub>2</sub> As <sub>2</sub> . Nature Physics, 2013, 9, 349-352.	16.7	119
158	A crossover in the phase diagram of NaFe <sub>1-x</sub> Cu <sub>x</sub> As determined by electronic transport measurements. New Journal of Physics, 2013, 15, 043048.	2.9	25
159	Modeling gap in iron-based superconductor CsFe <sub>1-x</sub> Co <sub>x</sub> As. Physical Review B, 2013, 88, .	3.2	29
160	Low-energy interband transitions in the infrared response of Ba <sub>1-x</sub> K <sub>x</sub> Fe <sub>2</sub> As <sub>2</sub> superconductor probed by quasiparticle heat transport. Physical Review B, 2013, 88, .		

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163	The magnetic phase diagram of Ca $\text{Sr}_{1-x}\text{Co}_2\text{As}_2$ single crystals. Europhysics Letters, 2013, 104, 67005.	2.0	13
164	Pressure effects on the superconducting properties of single-crystalline Co doped NaFeAs. New Journal of Physics, 2012, 14, 113043.	2.9	21
165	Phase diagram of single-crystalline $\text{Ca}$		

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181	Superconductivity at 5 K in alkali-metal-doped phenanthrene. Nature Communications, 2011, 2, 507.	12.8	177
182	Structure of vacancy-ordered single-crystalline superconducting potassium iron selenide. Physical Review B, 2011, 83, .	3.2	127
183	Electronic Identification of the Parental Phases and Mesoscopic Phase Separation of $K_xFe_{1-x}Te_3$ . Physical Review X, 2011, 1, .	8.9	128
184	Spin-density-wave transition of Fe1 zigzag chains and metamagnetic transition of Fe2 in TaFe <sub>1+y</sub> Te <sub>3</sub> . Physical Review B, 2011, 84, .	3.2	11
185	Strong coupling of Sm and Fe magnetism in SmFeAsO as revealed by magnetic x-ray scattering. Physical Review B, 2011, 84, .	3.2	33
186	Superconductivity at 32 K in single-crystalline Rb <sub>1-x</sub> Fe <sub>x</sub> Te <sub>3</sub> . Physical Review B, 2011, 84, .	3.2	295
187	Superconducting $\text{Rb}_{1-x}\text{Fe}_x\text{Te}_3$ . Physical Review B, 2011, 84, .		

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199	Superconductivity in $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ single crystals. <i>Physical Review B</i> , 2011, 84, .		
200	Giant magnetic flux jumps in single crystals of $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$ . <i>Applied Physics Letters</i> , 2011, 98, .	3.3	3
201	Crystal structure, physical properties and superconductivity in $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ single crystals. <i>New Journal of Physics</i> , 2011, 13, 053011.	2.9	42
202	Progress and prospect on the research of new iron-based high- $T_c$ superconductors. <i>Frontiers of Physics in China</i> , 2010, 5, 147-149.	1.0	4
203	Potassium doping effect on the lattice softening and electronic structure of $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ probed by X-ray absorption spectroscopy. <i>Journal of Synchrotron Radiation</i> , 2010, 17, 730-736.	2.4	15
204	Isotropic superconductivity in $\text{LaRu}_2\text{P}_2$ with the $\text{ThCr}_2\text{Si}_2$ -type structure. <i>Superconductor Science and Technology</i> , 2010, 23, 115009.	3.5	18
205	Positron annihilation study in $\text{SmFeAsO}$ and $\text{SmFeAsO}_{0.82}\text{F}_{0.18}$ . <i>Applied Physics Letters</i> , 2010, 96, 052507.	3.3	0
206	Out-of-Plane Momentum and Symmetry-Dependent Energy Gap of the Pnictide $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ Revealed by Angle-Resolved Photoemission Spectroscopy. <i>Physical Review Letters</i> , 2010, 105, 117003.	7.8	77
207	Electron spin resonance in $\text{BaFe}_2\text{As}_2$ single crystals. <i>Physical Review B</i> , 2010, 81, .	3.2	34
208	and charge inhomogeneity at the surface of superconducting $\text{BaFe}_2\text{As}_2$ . <i>Physical Review B</i> , 2010, 81, .	3.2	30
209	High-resolution angle-resolved photoemission spectroscopy study of the electronic structure of $\text{EuFe}_2\text{As}_2$ . <i>Physical Review B</i> , 2010, 81, .	1.8	52
210	Structure and physical properties for a new layered pnictide-oxide: $\text{BaTi}_2\text{As}_2\text{O}$ . <i>Journal of Physics Condensed Matter</i> , 2010, 22, 075702.	1.8	21
211	Evidence for competing magnetic and superconducting phases in superconducting $\text{Eu}_{1-x}\text{Sr}_x\text{Fe}_2\text{As}_2$ and $\text{Eu}_{1-y}\text{Co}_y\text{As}_2$ single crystals. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 235701.	3.2	48
212	Surface and bulk electronic structures of $\text{LaFeAsO}$ studied by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2010, 82, .	7.8	213
213	Quantum Criticality and Nodal Superconductivity in the FeAs-Based Superconductor $\text{As}_{1-x}\text{Sb}_x\text{Fe}_2\text{As}_2$ . <i>Physical Review Letters</i> , 2010, 104, 087005.	7.8	74
214	Electronic-Structure-Driven Magnetic and Structure Transitions in Superconducting $\text{NaFeAs}$ Single Crystals Measured by Angle-Resolved Photoemission Spectroscopy. <i>Physical Review Letters</i> , 2010, 105, 117002.	6.7	50
215	Structure and Physical Properties of the Layered Pnictide-Oxides: $(\text{SrF})_2\text{Ti}_2\text{Pn}_2\text{O}$ (Pn = As, Sb) and $(\text{SmO})_2\text{Ti}_2\text{Sb}_2\text{O}$ . <i>Chemistry of Materials</i> , 2010, 22, 1503-1508.	2.5	30
216	Fluctuation conductivity of single-crystalline $\text{BaFe}_{1.8}\text{Co}_{0.2}\text{As}_2$ in the critical region. <i>Journal of Applied Physics</i> , 2010, 108, .		

#	ARTICLE	IF	CITATIONS
217	Spin-Dependent Electron-Phonon Interaction in SmFeAsO by Low-Temperature Raman Spectroscopy. Journal of the American Chemical Society, 2010, 132, 15223-15227.	13.7	14
218	Valence change of europium in $\text{EuFe}_2\text{As}_2$ compressed. Physical Review B, 2010, 82, .	3.2	33
219	Strong correlations and spin-density-wave phase induced by a massive spectral weight redistribution in $\text{Fe}_{1-x}\text{Te}$ . Physical Review B, 2010, 82, .	3.2	50
220	Reply to "Comment on "Low-temperature phonon thermal conductivity of single-crystalline $\text{Nd}_2\text{CuO}_4$ : Effects of sample size and surface roughness". Physical Review B, 2009, 79, .	3.2	1
221	Evidence for local moments by electron spin resonance study of polycrystalline $\text{LaFeAsO}_{1-x}\text{F}_x$ ( $x=0$ and $x=0.1$ ). Physical Review B, 2009, 79, .	1.0784314	14
222	Crystal structure and phase transitions across the metal-superconductor boundary in the $\text{SmFeAsO}$ . Physical Review B, 2009, 79, .		

#	ARTICLE	IF	CITATIONS
235	Scanning Tunneling Spectroscopy and Vortex Imaging in the Iron Pnictide Superconductor $\text{BaFe}_{1.8}\text{CoAs}$ . Physical Review Letters, 2009, 102, 097002.	7.8	234
236	Anisotropy in the Electrical Resistivity and Susceptibility of Superconducting $\text{BaFe}_2\text{As}$ Crystals. Physical Review Letters, 2009, 102, 117005.	7.8	233
237	Heat capacity measurements on FeAs-based compounds: a thermodynamic probe of electronic and magnetic states. New Journal of Physics, 2009, 11, 025010.	2.9	39
238	The peculiar physical properties and phase diagram of $\text{BaFe}_2\text{CoAs}_2$ single crystals. New Journal of Physics, 2009, 11, 045003.	2.9	99
239	Neutron scattering investigation of the magnetic order in single crystalline $\text{BaFe}_2\text{As}_2$ . New Journal of Physics, 2009, 11, 055001.	2.9	38
240	Doping dependent nonlinear Hall effect in $\text{SmFeAsO}_{1-x}\text{F}_x$ . Journal of Physics Condensed Matter, 2009, 21, 412201.	1.8	6
241	Structure and physical properties of the new layered oxypnictides $\text{Sr}_4\text{Sc}_2\text{O}_6\text{M}_2\text{As}_2$ (M=Fe and Co). Europhysics Letters, 2009, 86, 57007.	2.0	26
242	Superconductivity at 43 K in $\text{SmFeAsO}_{1-x}\text{F}_x$ . Nature, 2008, 453, 761-762.	27.8	1,580
243	Neutron-Diffraction Measurements of Magnetic Order and a Structural Transition in the Parent $\text{BaFe}_2\text{As}$ of FeAs-Based High-Temperature Superconductors. Physical Review Letters, 2008, 101, 257003.	7.8	730
244	Coexistence of Magnetic Fluctuations and Superconductivity in the Pnictide High Temperature Superconductor $\text{SmFeAsO}_{1-x}\text{F}_x$ Measured by Muon Spin Rotation. Physical Review Letters, 2009, 102, 097001.	7.8	718
245	Crystal Structure and Antiferromagnetic Order in $\text{SmFeAsO}_{1-x}\text{F}_x$ FeAs-Based Superconductors.	7.8	701
246	Crystal Structure and Antiferromagnetic Order in $\text{NdFeAsO}_{1-x}\text{F}_x$ Superconductors.	7.8	701

#	ARTICLE	IF	CITATIONS
253	Doping Dependence of the Pressure Response of $T_c$ in the $\text{SmO}_{1-x}\text{FeAs}$ Superconductors. Journal of the American Chemical Society, 2008, 130, 9242-9243.	13.7	38

X-ray spectra and electronic structures of the iron arsenide superconductors

$$\text{FeAsO}_{1-x}\text{R}$$

xmlns:mml="http://www.w3.org/1998/Math/MathML"

#	ARTICLE	IF	CITATIONS
271	In-Plane Ferromagnetism in Charge-Ordering $\text{Na}_{0.55}\text{CoO}_2$ . <i>Physical Review Letters</i> , 2006, 96, 216401.	7.8	17
272	Anisotropic magnetoresistance in charge-ordered $\text{Na}_{0.34}(\text{H}_3\text{O})_{0.15}\text{CoO}_2$ : Strong spin-charge coupling and spin ordering. <i>Physical Review B</i> , 2006, 74, .	3.2	12
273	Thermal hysteresis and anisotropy in the magnetoresistance of antiferromagnetic $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$ . <i>Physical Review B</i> , 2005, 72, .	3.2	9
274	Ballistic Magnon Transport and Phonon Scattering in the Antiferromagnet $\text{Nd}_2\text{CuO}_4$ . <i>Physical Review Letters</i> , 2005, 95, 156603.	7.8	38
275	Anomalies at the compensation temperature in the zero-magnetization ferromagnet $(\text{Sm},\text{Gd})\text{Al}_2$ . <i>Physical Review B</i> , 2005, 72, .	3.2	42
276	Dimensional crossover and anomalous magnetoresistivity of superconducting $\text{Na}_x\text{CoO}_2$ single crystals. <i>Physical Review B</i> , 2005, 71, .	3.2	14
277	Raman spectra in epitaxial thin films of $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ ( $x=0.33, 0.5$ ) grown on different substrates. <i>Physical Review B</i> , 2004, 70, .	3.2	49
278	Single crystal growth and anisotropic resistivity of electron-type $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$ . <i>Superconductor Science and Technology</i> , 2004, 17, 469-473.	3.5	13
279	Synthesis and characterization of reduced transition metal oxides and nanophase metals with hydrazine in aqueous solution. <i>Materials Research Bulletin</i> , 2003, 38, 169-176.	5.2	50
280	Thermopower and thermal conductivity of superconducting perovskite $\text{MgCNi}_3$ . <i>Physical Review B</i> , 2002, 65, .	3.2	25
281	Effect of particle size on magnetic properties of zinc chromite synthesized by sol-gel method. <i>Applied Physics Letters</i> , 2002, 81, 4419-4421.	3.3	43
282	Precursor Morphology Controlled Formation of Rutile $\text{VO}_2$ Nanorods and Their Self-Assembled Structure. <i>Chemistry of Materials</i> , 2002, 14, 5053-5056.	6.7	100
283	Hydrothermal synthesis and characterization of nanorods $\text{Li}_x\text{V}_2\text{O}_4 \cdot \text{H}_2\text{O}$ . <i>Inorganic Chemistry Communication</i> , 2002, 5, 399-402.	3.9	0
284	Dimer structure of $\text{Sm}[\text{sub } 3]\text{C}[\text{sub } 70]$ . <i>AIP Conference Proceedings</i> , 2001, . .	0.4	0
285	A simple direct preparation of nanocrystalline $\text{Mn}_2\text{O}_3$ at ambient temperature. <i>Inorganic Chemistry Communication</i> , 2001, 4, 294-296.	3.9	45
286	Normal state resistivity, upper critical field, and Hall effect in superconducting perovskite $\text{MgCNi}_3$ . <i>Physical Review B</i> , 2001, 64, .	3.2	51
287	Synthesis and Structure of $\text{Ba}_x\text{C}_{70}$ . <i>Molecular Crystals and Liquid Crystals</i> , 2000, 340, 617-622.	0.3	4
288	Electronic Properties of Ba-Intercalated Fullerides. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 340, 583-586.	0.3	0

#	ARTICLE	IF	CITATIONS
289	Synthesis, Structure, and Transport Properties of Novel Fullerides $A_3C_{70}$ ( $A = \text{Ba}$ and $\text{Sm}$ ). <i>Journal of the American Chemical Society</i> , 2000, 122, 5729-5732.	13.7	13
290	Normal-State Resistivity and Thermoelectric Power of the $\text{Bi}_2\text{Sr}_{2-x}\text{La}_x\text{CaCu}_2\text{O}_y$ System. <i>Physica Status Solidi A</i> , 1998, 168, 267-272.	1.7	4
291	Effects of Mechanical Grinding on $\text{C}_{60}$ and $\text{Ca}_5\text{C}_{60}$ Superconductor. <i>Fullerenes, Nanotubes, and Carbon Nanostructures</i> , 1996, 4, 613-622.	0.6	1
292	Optical signature of symmetry variations and spin-valley coupling in atomically thin tungsten dichalcogenides. , 0, .		1
293	Pressure tuning of the anomalous Hall effect in the kagome superconductor $\text{CsV}_3\text{Sb}_5$ . <i>Chinese Physics B</i> , 0, , .	1.4	8
294	Realizing Ferromagnetism in a Field-Effect Transistor Based on $\text{VSe}_2$ Thin Flakes. <i>Advanced Electronic Materials</i> , 0, , 2101383.	5.1	1