

Jie Xing

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7052519/publications.pdf>

Version: 2024-02-01

37
papers

1,122
citations

516710

16
h-index

395702

33
g-index

37
all docs

37
docs citations

37
times ranked

1491
citing authors

#	ARTICLE	IF	CITATIONS
1	Inductivity appears in the vicinity of semiconducting-like behavior in CeO _{1-x} F _x BiS ₂ single crystals. Europhysics Letters, 2014, 106, 67002.	3.2	268
2	Experimental Tests of the Chiral Anomaly Magnetoresistance in the Dirac-Weyl Semimetals Na ₃ Sb ₂ and GdPtBi. Physical Review X, 2018, 8, .	8.9	129
3	Scrutinizing the double superconducting gaps and strong coupling pairing in (Li _{1-x} Fe _x)OHFeSe. Nature Communications, 2016, 7, 10565.	12.8	68
4	Giant superconducting fluctuation and anomalous semiconducting normal state in NdO _{1-x} Bi _{1-y} S ₂ single crystals. Europhysics Letters, 2014, 106, 67002.	2.0	66
5	Field-induced magnetic transition and spin fluctuations in the quantum spin-liquid candidate CsYbSe ₂ . Physical Review B, 2019, 100, .	3.2	56
6	Crystal Synthesis and Frustrated Magnetism in Triangular Lattice CsRE ₂ Se ₂ (RE = La, Lu): Quantum Spin Liquid Candidates CsCeSe ₂ and CsYbSe ₂ . , 2020, 2, 71-75.		49
7	Multiband superconductivity and large anisotropy in FeS crystals. Physical Review B, 2016, 93, .	3.2	48
8	Concurrence of superconductivity and structure transition in Weyl semimetal TaP under pressure. Npj Quantum Materials, 2017, 2, .	5.2	47
9	NA Cl-type antiferromagnetic order and magnetic field-temperature phase diagram in the spin rare-earth honeycomb compound YbCl ₃ . Physical Review B, 2020, 102, .	3.2	40
10	Nodal superconducting gap in tetragonal FeS. Physical Review B, 2016, 93, .	3.2	33
11	BCS-like critical fluctuations with limited overlap of Cooper pairs in FeSe. Physical Review B, 2017, 96, .	3.2	28
12	Synthesis, magnetization, and heat capacity of triangular lattice materials NaErSe ₂ and KErSe ₂ . Physical Review Materials, 2019, 3, .	2.4	25
13	Direct visualization of anionic electrons in an electride reveals inhomogeneities. Science Advances, 2021, 7, .	10.3	24
14	Nontrivial topology in the layered Dirac nodal-line semimetal candidate SrZnSb ₂ with distorted Sb square nets. Physical Review B, 2019, 100, .	3.2	22
15	Effects of Impurities on the Thermal and Electrical Transport Properties of Cubic Boron Arsenide. Chemistry of Materials, 2021, 33, 6974-6982.	6.7	19
16	Multimillimeter-sized cubic boron arsenide grown by chemical vapor transport via a tellurium tetraiodide transport agent. Applied Physics Letters, 2018, 112, 261901.	3.3	18
17	Synthesis and anisotropic magnetism in quantum spin liquid candidates A ₃ YbSe ₂ (A = K and Tl) and A ₃ ETQq ₁₇ rgBT ₁₇ IO ₁₇ .	5.1	17
18	Robust superconductivity and transport properties in (Li _{1-x} Fe _x)OHFeSe single crystals. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	5.1	16

#	ARTICLE	IF	CITATIONS
19	Gas-pressure chemical vapor transport growth of millimeter-sized c-BAs single crystals with moderate thermal conductivity. Applied Physics Letters, 2018, 112, .	3.3	14
20	Power-law-like correlation between condensation energy and superconducting transition temperatures in iron pnictide/chalcogenide superconductors: Beyond the BCS understanding. Physical Review B, 2014, 89, .	3.2	12
21	Crossover from Kondo to Fermi-liquid behavior induced by high magnetic field in VTe_2 single crystals. Physical Review B, 2021, 103, .	3.2	12
22	Simultaneous vanishing of nematic electronic state and structural orthorhombicity in NaFeCoAs_2 single crystals. Physical Review B, 2015, 91, .	3.2	10
23	Significant change in the electronic behavior associated with structural distortions in monocrystalline SrAg_4 . Physical Review B, 2018, 98, .	3.2	10
24	Systematic extraction of crystal electric-field effects and quantum magnetic model parameters in triangular rare-earth magnets. Physical Review Research, 2021, 3, .	3.6	10
25	Frustrated Magnetism in Triangular Lattice TlYbS_2 Crystals Grown via Molten Flux. Frontiers in Chemistry, 2020, 8, 127.	3.6	9
26	Stripe antiferromagnetic ground state of the ideal triangular lattice compound KFeSe_2 . Physical Review B, 2021, 103, .	3.2	9
27	Fermiology and type-I superconductivity in the chiral superconductor NbCo with Kramers-Weyl fermions. Physical Review B, 2020, 102, .	3.2	9
28	Superconductivity in $\text{Ba}_2\text{Pt}_3\text{B}_2$ with the Kagome lattice. Annals of Physics, 2015, 358, 248-254.	2.8	7
29	Observation of a Large Magnetic Anisotropy and a Field-Induced Magnetic State in $\text{SrCo}_4(\text{VO})_4(\text{OH})$: A Structure with a Quasi One-Dimensional Magnetic Chain. Inorganic Chemistry, 2020, 59, 1029-1037.	4.0	7
30	Synthesis, crystal structure and magnetic properties of KLnSe_2 (Ln = La, Ce, Pr, Nd) structures: A family of 2D triangular lattice frustrated magnets. Journal of Solid State Chemistry, 2022, 308, 122917.	2.9	7
31	Possible superconducting fluctuation and pseudogap state above T_c in CsFe_2 . Physical Review B, 2016, 93, .	3.2	6
32	Stacking Faults and Short-Range Magnetic Correlations in Single Crystal $\text{Y}_5\text{Ru}_2\text{O}_{12}$: A Structure with $\text{Ru}^{+4.5}$ One-Dimensional Chains. Physica Status Solidi (B): Basic Research, 2021, 258, 2000197.	1.5	6
33	Transport properties, upper critical field and anisotropy of $\text{Ba}(\text{Fe}_{0.75}\text{Ru}_{0.25})_2\text{As}_2$ single crystals. Science China: Physics, Mechanics and Astronomy, 2012, 55, 2259-2263.	5.1	5
34	Anisotropic electronic mobilities in the nematic state of the parent phase NaFeAs . Physical Review B, 2015, 92, .	3.2	5
35	Mesoscale interplay between phonons and crystal electric field excitations in quantum spin liquid candidate CsYbSe_2 . Journal of Materials Chemistry C, 2022, 10, 4148-4156.	5.5	5
36	$\text{NaCo}_2(\text{SeO}_3)_2(\text{OH})$: competing magnetic ground states of a new sawtooth structure with $3d^{7+}$ Co^{2+} ions. Inorganic Chemistry Frontiers, 2022, 9, 4329-4340.	6.0	5

#	ARTICLE	IF	CITATIONS
37	<p>Anisotropic properties, charge ordering, and ferrimagnetic structures in the strongly correlated \hat{I}^2 \hat{V}^2 PO^5 single crystal. <i>Physical Review Materials</i>, 2020, 4, .</p>		