

Yongkang Luo

List of Publications by Year in descending order

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35
papers

1,375
citations

471509

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414414

32
g-index

35
all docs

35
docs citations

35
times ranked

2323
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulsed-field nuclear magnetic resonance: Status and prospects. Matter and Radiation at Extremes, 2021, 6, .	3.9	11
2	Skyrmion lattice creep at ultra-low current densities. Communications Materials, 2020, 1, .	6.9	11
3	Topological Dirac states in a layered telluride TaPdTe_5 with quasi-one-dimensional chains. Physical Review B, 2020, 102, .	3.2	15
4	PrBi: Topology meets quadrupolar degrees of freedom. Physical Review B, 2020, 101, .	3.2	7
5	Impurity moments conceal low-energy relaxation of quantum spin liquids. Physical Review B, 2020, 101, .	3.2	19
6	Anisotropic properties, charge ordering, and ferrimagnetic structures in the strongly correlated single crystal. Physical Review Materials, 2020, 4, .		
7	Constraints on the superconducting order parameter in Sr ₂ RuO ₄ from oxygen-17 nuclear magnetic resonance. Nature, 2019, 574, 72-75.	27.8	264
8	Normal State O_{17} NMR Studies of Sr_2RuO_4 . Superconductivity, electronic phase diagram, and pressure effect in Sr _{1-x} Pr _x FBiS ₂ . Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	8.9	16
9	Synthesis and physical properties of CeRu_2 and CeIr_2 . Physical Review B, 2019, 100, .	3.2	7
10	Angle-dependent magnetoresistance and its implications for Lifshitz transition in W_2As_3 . Npj Quantum Materials, 2019, 4, .	5.2	11
11	Realization of Kondo chain in CeCo_2 . Physical Review Materials, 2019, 3, .	2.4	10
12	Unconventional and conventional quantum criticalities in $\text{CeRh}_0.58\text{Ir}_0.42\text{In}_5$. Npj Quantum Materials, 2018, 3, .	5.2	7
13	Anisotropic magnetocrystalline coupling of the skyrmion lattice in MnSi. Physical Review B, 2018, 97, .	3.2	16
14	Heavy fermion behavior in the quasi-one-dimensional Kondo lattice CeCo_2Ga_8 . Npj Quantum Materials, 2017, 2, .	5.2	27
15	Versatile strain-tuning of modulated long-period magnetic structures. Applied Physics Letters, 2017, 110, 192409.	3.3	17
16	Anomalous electronic structure and magnetoresistance in TaAs ₂ . Scientific Reports, 2016, 6, 27294.	3.3	74
17	Vortexlike excitations in the heavy-fermion superconductor CeIrIn_5 . Physical Review B, 2016, 93, .	3.2	14

#	ARTICLE	IF	CITATIONS
19	Hall effect in the extremely large magnetoresistance semimetal WTe ₂ . Applied Physics Letters, 2015, 107, .	3.3	124
20	Pressure-tuned quantum criticality in the antiferromagnetic Kondo semimetal CeNi ₂ As ₂ . Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13520-13524.	7.1	34
21	Heavy-fermion quantum criticality and destruction of the Kondo effect in a nickel oxy pnictide. Nature Materials, 2014, 13, 777-781.	27.5	41
22	Superconductivity induced by La doping in Sr _{1-x} La _x FeS ₂ . Physical Review B, 2013, 87, .	3.2	153
23	$\frac{1}{\rho} \propto \frac{1}{\rho_0} \left(1 - \frac{1}{\rho_0} \right)^{-1}$ A spin-glassy relativistic Mott insulator. Physical Review B, 2013, 87, .	3.2	42
24	K and Mn co-doped BaCd ₂ As ₂ : A hexagonal structured bulk diluted magnetic semiconductor with large magnetoresistance. Journal of Applied Physics, 2013, 114, .	2.5	39
25	High-field Shubnikov-de Haas oscillations in the topological insulator Bi ₂ Te ₃ . Magnetism and crystalline electric field effect in ThCr ₂ Si ₂ .	3.2	164
26	$\frac{1}{\rho} \propto \frac{1}{\rho_0} \left(1 - \frac{1}{\rho_0} \right)^{-1}$ Self-doping effect and successive magnetic transitions in superconducting CeNi ₂ Th _{1-x} FeAsO.	3.2	20
27	THORIUM-DOPING INDUCED HIGH-T _c SUPERCONDUCTIVITY IN Dy _{1-x} Th _x FeAsO. International Journal of Modern Physics B, 2012, 26, 1250207.	2.0	4
28	Effect of nonmagnetic zinc impurity on T _c in LaFe _{1-x} Zn _x PO _{0.94} F _{0.06} superconductors. AIP Advances, 2012, 2, 041406.	1.3	0
29	CeNiAsO: an antiferromagnetic dense Kondo lattice. Journal of Physics Condensed Matter, 2011, 23, 175701.	1.8	15
30	Interplay of superconductivity and Ce _{4f} magnetism in CeFeAs. Self-doping effect and successive magnetic transitions in superconducting Sr ₂ FeAsO.	3.2	17
31	Phase diagram of Ce _{4f} magnetism in CeFeAs from electrical resistivity, magnetization, and specific heat measurements. Physical Review B, 2010, 82, .	3.2	46
32	Spin gap and magnetic resonance in superconducting BaFe ₂ As ₂ . Evidence of magnetically driven structural phase transition in FeAsO(T _j ETQ).	3.2	32
33	Uniaxial stress effect on the quasi-one-dimensional Kondo lattice CeCo ₂ Ga ₈ . Chinese Physics B, 0, .	1.4	1