

Yongkang Luo

List of Publications by Year in descending order

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35
papers

1,375
citations

471509

17
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

2323
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	High-field Shubnikov-de Haas oscillations in the topological insulator Bi ₂ Te ₃ . Physical Review B, 2012, 86, .	3.2	164
3	Superconductivity induced by La doping in Sr _{1-x} La _x Bi ₂ S ₂ . Physical Review B, 2013, 87, .	3.2	153
4	Hall effect in the extremely large magnetoresistance semimetal WTe ₂ . Applied Physics Letters, 2015, 107, .	3.3	124
5	Anomalous electronic structure and magnetoresistance in TaAs ₂ . Scientific Reports, 2016, 6, 27294.	3.3	74
6	Spin gap and magnetic resonance in superconducting BaFe ₂ As ₂ . Physical Review B, 2009, 79, .	3.2	63
7	Phase diagram of CeFeAs from electrical resistivity, magnetization, and specific heat measurements. Physical Review B, 2010, 81, .	3.2	59
8	Self-doping effect and successive magnetic transitions in superconducting Sr ₂ RhO ₇ . Physical Review B, 2010, 82, .	3.2	46
9	RhO ₇ : A spin-glassy relativistic Mott insulator. Physical Review B, 2013, 87, .	3.2	42
10	Heavy-fermion quantum criticality and destruction of the Kondo effect in a nickel oxypnictide. Nature Materials, 2014, 13, 777-781.	27.5	41
11	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
12	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
13	Pressure-tuned quantum criticality and structural phase transition in FeAsO. Tj ETC	3.2	32
14	Heavy fermion behavior in the quasi-one-dimensional Kondo lattice CeCo ₂ Ga ₈ . Npj Quantum Materials, 2017, 2, .	5.2	27
15	Impurity and crystalline electric field effect in ThCr ₂ Si ₂ -type CeNi ₂ As ₂ . Physical Review B, 2013, 87, .	3.2	20
16	Impurity moments conceal low-energy relaxation of quantum spin liquids. Physical Review B, 2020, 101, .	3.2	19
17	Interplay of superconductivity and magnetism in CeFeAs. Physical Review B, 2010, 82, .	3.2	17
18	Versatile strain-tuning of modulated long-period magnetic structures. Applied Physics Letters, 2017, 110, 192409.	3.3	17

#	ARTICLE	IF	CITATIONS
19	Anisotropic magnetocrystalline coupling of the skyrmion lattice in MnSi. Physical Review B, 2018, 97, .	3.2	16
20	Normal State O NMR Studies of Sr_2RuO_6 : an antiferromagnetic dense Kondo lattice. Journal of Physics Condensed Matter, 2011, 23, 175701.	8.9	16
21	Topological Dirac states in a layered telluride $TaPdTe_5$ with quasi-one-dimensional chains. Physical Review B, 2020, 102, .	3.2	15
22	Angle-dependent magnetoresistance and its implications for Lifshitz transition in W_2As_3 . Npj Quantum Materials, 2019, 4, .	5.2	11
23	Skyrmion lattice creep at ultra-low current densities. Communications Materials, 2020, 1, .	6.9	11
24	Pulsed-field nuclear magnetic resonance: Status and prospects. Matter and Radiation at Extremes, 2021, 6, .	3.9	11
25	Realization of Kondo chain in $CeCo_2$. Physical Review Materials, 2019, 3, .	3.2	11
26	Unconventional and conventional quantum criticalities in $CeRh_0.58Ir_0.42In_5$. Npj Quantum Materials, 2018, 3, .	5.2	7
27	Synthesis and physical properties of $CeRu_2$ and $CeIr_2$. Physical Review B, 2019, 100, .	3.2	7
28	PrBi: Topology meets quadrupolar degrees of freedom. Physical Review B, 2020, 101, .	3.2	7
29	Superconductivity, electronic phase diagram, and pressure effect in $Sr_1-xPr_xFeAs_2$. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	5
30	THORIUM-DOPING INDUCED HIGH- T_c SUPERCONDUCTIVITY IN $Dy_{1-x}Th_xFeAsO$. International Journal of Modern Physics B, 2012, 26, 1250207.	2.0	4
31	Vortexlike excitations in the heavy-fermion superconductor $CeIrIn_5$. Physical Review B, 2016, 93, .	3.2	4
32	Uniaxial stress effect on the quasi-one-dimensional Kondo lattice $CeCo_2Ga_8$. Chinese Physics B, 0, .	1.4	1
33	Effect of nonmagnetic zinc impurity on T_c in $LaFe_{1-x}Zn_xPO_0.94F_0.06$ superconductors. AIP Advances, 2012, 2, 041406.	1.3	0
34	Anisotropic properties, charge ordering, and ferrimagnetic structures in the strongly correlated V_2PO_5 single crystal. Physical Review Materials, 2020, 4, .	3.2	0