

Chuanchuan Gu

List of Publications by Year in descending order

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24
papers

293
citations

933447

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888059

17
g-index

24
all docs

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docs citations

24
times ranked

663
citing authors

#	ARTICLE	IF	CITATIONS
1	A direct measurement method of quantum relaxation time. National Science Review, 2021, 8, nwa242.	9.5	4
2	Pressure-induced superconductivity in trigonal layered PtBi_2 with triply degenerate point fermions. Physical Review B, 2021, 103, .	3.2	10
3	Pressure-engineered optical properties and emergent superconductivity in chalcopyrite semiconductor ZnSiP_2 . NPG Asia Materials, 2021, 13, .	7.9	9
4	Pressure-induced superconductivity in the quasi-one-dimensional charge density wave material CuTe . Physical Review B, 2021, 103, .	3.2	10
5	Pressure-tuned colossal magnetoresistance effect in n-type CdCr_2Se_4 . Applied Physics Letters, 2021, 118, 262407.	3.3	2
6	Pressure-Induced Superconductivity in Topological Semimetal Candidate TaTe_4 . Advanced Electronic Materials, 2020, 6, 1901260.	5.1	8
7	Pressure-tunable large anomalous Hall effect of the ferromagnetic kagome-lattice Weyl semimetal $\text{Co}_3\text{Sn}_2\text{S}_2$. Physical Review B, 2019, 100, .	3.2	25
8	Pressure-Induced Metallization Accompanied by Elongated S^2 Dimer in Charge Transfer Insulator NiS_2 . Chinese Physics Letters, 2019, 36, 107101.	3.3	2
9	Pressure-induced evolution of structural and electronic properties in Ti_2C . Physical Review B, 2019, 99, .	3.2	12
10	Experimental evidence of crystal symmetry protection for the topological nodal line semimetal state in ZrSiS . Physical Review B, 2019, 100, .	3.2	19
11	Field-Driven Quantum Criticality in the Spinel Magnet ZnCr_2O_4 . Physical Review Letters, 2018, 120, 147204.	7.8	14
12	Pressure-induced superconductivity in MoP . Npj Quantum Materials, 2018, 3, .	5.2	32
13	Structural and transport properties of the topological semimetal TaSb_2 at high pressures. Journal of Solid State Chemistry, 2018, 265, 359-363.	2.9	6
14	Superconductivity: Pressure-Induced Metallization and Robust Superconductivity in Pristine 1T- SnSe_2 (Adv. Electron. Mater. 8/2018). Advanced Electronic Materials, 2018, 4, 1870040.	5.1	0
15	Pressure-Induced Metallization and Robust Superconductivity in Pristine 1T- SnSe_2 . Advanced Electronic Materials, 2018, 4, 1800155.	5.1	33
16	Pressure-induced multiband superconductivity in pyrite PtBi_2 with perfect electron-hole compensation. Physical Review Materials, 2018, 2, .	2.4	9
17	Pressure-induced iso-structural phase transition and metallization in WSe_2 . Scientific Reports, 2017, 7, 46694.	3.3	50
18	Pressure-induced anomalous enhancement of insulating state and isosymmetric structural transition in quasi-one-dimensional TiS_3 . Physical Review B, 2017, 96, .	3.2	12

#	ARTICLE	IF	CITATIONS
19	Field-induced metamagnetic transition and nonsaturating magnetoresistance in the antiferromagnetic semimetal NdSb. <i>Physical Review B</i> , 2017, 96, .	3.2	16
20	Pressure Tuning of Magnetism and Drastic Increment of Thermal Conductivity under Applied Magnetic Field in HgCr_2S_4 . <i>Chinese Physics Letters</i> , 2016, 33, 067501.	3.3	0
21	Negative thermal expansion and magnetostriction in the frustrated spinel $\text{ZnCr}_2(\text{Se}_{1-x}\text{S}_x)_4$. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 18LT01.	1.8	5
22	Magnetostriction-induced <i>in situ</i> strain control of superconductivity in $\text{FeSe}_{0.5}\text{Te}_{0.5}$. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	4
23	Orbital ordering to orbital glass transition in spinel $\text{FeCr}_{2-x}\text{Al}_x\text{S}_4$ ($0 \leq x \leq 0.2$). <i>Journal of Physics Condensed Matter</i> , 2015, 27, 026003.	1.8	0
24	Scotch tape induced strains for enhancing superconductivity of $\text{FeSe}_{0.5}\text{Te}_{0.5}$ single crystals. <i>Applied Physics Letters</i> , 2014, 105, 232602.	3.3	14