

Xianggang Qiu

List of Publications by Year in descending order

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27
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Direct Observation of Coherent Longitudinal and Shear Acoustic Phonons in TaAs Using Ultrafast X-Ray Diffraction. <i>Physical Review Letters</i> , 2022, 128, 155301. | 7.8 | 7 |
| 2 | Linear magnetization dependence and large intrinsic anomalous Hall effect in Fe_3B metallic glasses. <i>Physical Review B</i> , 2021, 104, . | 7.8 | 1 |
| 3 | High-temperature ferromagnetic semiconductor with a field-tunable green fluorescent effect. <i>NPG Asia Materials</i> , 2020, 12, . | 7.9 | 7 |
| 4 | Neutron Spin Resonance in a Quasi-Two-Dimensional Iron-Based Superconductor. <i>Physical Review Letters</i> , 2020, 125, 117002. | 7.8 | 31 |
| 5 | Spin-Canting-Induced Band Reconstruction in the Dirac Material $\text{Ca}_{1-x}\text{Na}_x\text{MnBi}_2$. <i>Physical Review Letters</i> , 2020, 124, 137201. | 7.8 | 11 |
| 6 | Magnetization-Induced Band Shift in Ferromagnetic Weyl Semimetal CoS_2 . <i>Physical Review Letters</i> , 2020, 124, 077403. | 7.8 | 11 |
| 7 | Observation of a topological nodal-line semimetal in YbMnSb_2 through optical spectroscopy. <i>Physical Review B</i> , 2019, 100, . | 7.8 | 21 |
| 8 | Scaling of the Fano Effect of the In-Plane Fe-As Phonon and the Superconducting Critical Temperature in $\text{BaKFe}_2\text{As}_4$. <i>Physical Review Letters</i> , 2019, 122, 217002. | 7.8 | 17 |
| 9 | Tracking Ultrafast Photocurrents in the Weyl Semimetal TaAs Using THz Emission Spectroscopy. <i>Physical Review Letters</i> , 2019, 122, 197401. | 7.8 | 76 |
| 10 | Unravelling the mechanism of the semiconducting-like behavior and its relation to superconductivity in CaFe_2As_2 . <i>Physical Review B</i> , 2019, 99, . | 7.8 | 5 |
| 11 | Infrared spectroscopic studies of the topological properties in CaMnSb_2 . <i>Physical Review B</i> , 2018, 98, . | 7.8 | 11 |
| 12 | Temperature-Driven Topological Phase Transition and Intermediate Dirac Semimetal Phase in ZrTe_5 . <i>Physical Review Letters</i> , 2018, 121, 187401. | 7.8 | 93 |
| 13 | Anomalous phonon behavior in superconducting $\text{CaKFe}_4\text{As}_{11}$: An optical study. <i>Physical Review B</i> , 2017, 95, . | 7.8 | 24 |
| 14 | Observation of an emergent coherent state in the iron-based superconductor KFe_2As_2 . <i>Physical Review B</i> , 2017, 96, . | 7.8 | 9 |
| 15 | Nematic Quantum Critical Fluctuations in BaFe_2As_2 . <i>Physical Review Letters</i> , 2016, 117, 157002. | 7.8 | 33 |
| 16 | Optical study of the antiferromagnetic ordered state in electron-overdoped $\text{Ca}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$. <i>Physical Review B</i> , 2016, 93, . | 7.8 | 8 |
| 17 | Effects of temperature and magnetic field direction on the electron-hole compensation in WTe_2 . <i>Science China: Physics, Mechanics and Astronomy</i> , 2016, 59, 1. | 5.1 | 0 |
| 18 | Spin-Fluctuation-Induced Non-Fermi-Liquid Behavior with Suppressed Superconductivity in LiFeAs . <i>Physical Review X</i> , 2015, 5, . | 8.9 | 35 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Formation of As-As bond and its effect on absence of superconductivity in the collapsed tetragonal phase of $\text{Ca}_{1-x}\text{Bi}_x\text{FeAs}_2$. An optical spectroscopy study. Physical Review B, 2015, 91, . | 3.2 | 9 |
| 20 | Intrinsic abnormal electromagnetic medium based on polar lattice vibration. Science Bulletin, 2011, 56, 1318-1324. | 1.7 | 1 |
| 21 | Influence of intrinsic electronic properties on light transmission through subwavelength holes on gold and MgB ₂ thin films. Physical Review B, 2011, 84, . | 3.2 | 2 |
| 22 | Transmission properties of composite metamaterials in the terahertz domain. , 2008, , . | | 0 |
| 23 | Enhanced dielectric properties of Ba _{1-x} Sr _x TiO ₃ thin film grown on La _{1-x} Sr _x MnO ₃ bottom layer. Journal of Applied Physics, 2004, 96, 6578-6584. | 2.5 | 21 |
| 24 | Positive temperature coefficient of resistivity in Pt/(Ba _{0.7} Sr _{0.3})TiO ₃ /YBa ₂ Cu ₃ O _{7-x} capacitors. Applied Physics Letters, 2004, 85, 5019-5021. | 3.3 | 13 |
| 25 | Abnormal temperature dependence of dielectric constant in (Ba _{0.7} Sr _{0.3})TiO ₃ thin films. Applied Physics Letters, 2004, 85, 4106-4108. | 3.3 | 3 |
| 26 | Temperature- and field-dependent leakage current of Pt/(Ba _{0.7} Sr _{0.3})TiO ₃ interface. Applied Physics Letters, 2003, 83, 1611-1613. | 3.3 | 25 |
| 27 | Leakage mechanism of (Ba _{0.7} Sr _{0.3})TiO ₃ thin films in the low-temperature range. Applied Physics Letters, 2002, 81, 4817-4819. | 3.3 | 42 |