

Stanford



Qianni Jiang

Postdoctoral Scholar, Applied Physics

Bio

PROFESSIONAL EDUCATION

- Bachelor of Science, Central China Normal University (2017)
- Doctor of Philosophy, University of Washington (2023)
- Ph.D., University of Washington , Physics (2023)

STANFORD ADVISORS

- Ian Fisher, Postdoctoral Faculty Sponsor
- Aharon Kapitulnik, Postdoctoral Research Mentor

LINKS

- Personal Site: <https://sites.google.com/view/qianni-jiang>

Publications

PUBLICATIONS

- **Nematic fluctuations in an orbital selective superconductor $\text{Fe}_{1+y}\text{Te}_{1-x}\text{Se}$** *COMMUNICATIONS PHYSICS*
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- **Correlation-driven electronic reconstruction in $\text{FeTe}_{1-x}\text{Se}$** *COMMUNICATIONS PHYSICS*
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- **Magnetism and Its Structural Coupling Effects in 2D Ising Ferromagnetic Insulator VI_3** *NANO LETTERS*
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- **Observation of Giant Optical Linear Dichroism in a Zigzag Antiferromagnet FePS_3** *NANO LETTERS*
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- **Intertwined Topological and Magnetic Orders in Atomically Thin Chern Insulator MnBi₂Te₄** *NANO LETTERS*
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- **Highly anisotropic excitons and multiple phonon bound states in a van der Waals antiferromagnetic insulator** *NATURE NANOTECHNOLOGY*
Hwangbo, K., Zhang, Q., Jiang, Q., Wang, Y., Fonseca, J., Wang, C., Diederich, G. M., Gamelin, D. R., Xiao, D., Chu, J., Yao, W., Xu, X.
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- **Suppression of superconductivity by anisotropic strain near a nematic quantum critical point** *NATURE PHYSICS*
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