

Stanford

Xueqi Chen

Ph.D. Student in Physics, admitted Autumn 2021

Publications

PUBLICATIONS

- **Quantum control of exciton wave functions in 2D semiconductors.** *Science advances*
Hu, J., Lorchat, E., Chen, X., Watanabe, K., Taniguchi, T., Heinz, T. F., Murthy, P. A., Chervy, T.
2024; 10 (12): eadk6369
- **Moiré-Assisted Strain Transfer in Vertical van der Waals Heterostructures.** *Nano letters*
Hu, J., Yu, L., Chen, X., Lee, W., Mate, C. M., Heinz, T. F.
2023
- **Optical absorption of interlayer excitons in transition-metal dichalcogenide heterostructures.** *Science (New York, N.Y.)*
Barre, E., Karni, O., Liu, E., O'Beirne, A. L., Chen, X., Ribeiro, H. B., Yu, L., Kim, B., Watanabe, K., Taniguchi, T., Barmak, K., Lui, C. H., Refaely-Abramson, et al
2022; 376 (6591): 406-410