

# Stanford

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## Dali Cheng

Ph.D. Student in Electrical Engineering, admitted Autumn 2021

### Publications

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#### PUBLICATIONS

- **Technologically feasible quasi-edge states and topological Bloch oscillation in the synthetic space** *OPTICS EXPRESS*  
Wu, X., Wang, L., Li, G., Cheng, D., Yu, D., Zheng, Y., Yakovlev, V. V., Yuan, L., Chen, X.  
2022; 30 (14): 24924-24935
- **Truncation-dependent PT phase transition for the edge states of a two-dimensional non-Hermitian system** *PHYSICAL REVIEW B*  
Cheng, D., Peng, B., Xiao, M., Chen, X., Yuan, L., Fan, S.  
2022; 105 (20)
- **Low temperature open-air plasma deposition of amorphous tin oxide for perovskite solar cells** *THIN SOLID FILMS*  
Zhao, O., Ding, Y., Cheng, D., Zhang, J., Hilt, F., Rolston, N., Jiang, G., Dauskardt, R. H.  
2021; 730
- **Arbitrary synthetic dimensions via multiboson dynamics on a one-dimensional lattice** *PHYSICAL REVIEW RESEARCH*  
Cheng, D., Peng, B., Wang, D., Chen, X., Yuan, L., Fan, S.  
2021; 3 (3)