

# Stanford

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## Derek Li

Ph.D. Student in Physics, admitted Autumn 2023

### Publications

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#### PUBLICATIONS

- **vp-process in core-collapse supernovae: imprints of general relativistic effects** *JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS*  
Friedland, A., Li, D. J., Lucente, G., Padilla-Gay, I., Patwardhan, A.  
2026
- **Oscillation baryogenesis via ultraviolet dark matter freeze-in** *PHYSICAL REVIEW D*  
Dong, T., Floyd, C. M., Hekster, A., Li, D. J., Shuve, B., Tucker-Smith, D.  
2025; 112 (11)