

# Stanford

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## Brendan Wirtz

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

### Bio

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#### EDUCATION AND CERTIFICATIONS

- MS, Stanford University , Chemical Engineering (2024)
- BS, University of California, Berkeley , Chemical Engineering (2021)

### Publications

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#### PUBLICATIONS

- **Protease-Driven Phase Separation of Elastin-Like Polypeptides.** *Biomacromolecules*  
Wirtz, B. M., Yun, A. G., Wick, C., Gao, X. J., Mai, D. J.  
2024
- **Spatially Controlled Uv Light Generation at Depth Using Upconversion Micelles.** *Advanced materials (Deerfield Beach, Fla.)*  
Zhou, Q., Wirtz, B. M., Schloemer, T. H., Burroughs, M. C., Hu, M., Narayanan, P., Lyu, J., Gallegos, A. O., Layton, C., Mai, D. J., Congreve, D. N.  
2023: e2301563
- **High-throughput Li plating quantification for fast-charging battery design** *NATURE ENERGY*  
Konz, Z. M., Wirtz, B. M., Verma, A., Huang, T., Bergstrom, H. K., Crafton, M. J., Brown, D. E., McShane, E. J., Colclasure, A. M., McCloskey, B. D.  
2023