

## Jinping Yang

Postdoctoral Scholar, Chemistry

### Bio

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#### STANFORD ADVISORS

- Chaitan Khosla, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Expanding the Substrate Selectivity of the Fimsbactin Biosynthetic Adenylation Domain, FbsH** *ACS CHEMICAL BIOLOGY*  
Ahmed, S., Balutowski, A., Yang, J., Wencewicz, T. A., Gulick, A. M.  
2024
- **Electrostatic loading and photoredox-accelerated release of antibiotics from oligoviologen-crosslinked hydrogels using red light** *MATERIALS TODAY CHEMISTRY*  
Dorsainvil, J. M., Palmquist, M. S., Yang, J., Delawder, A. O., Danielson, M. K., Zhang, Y., Saak, T. M., Gruschka, M. C., Kong, X., Wencewicz, T. A., Barnes, J. C.  
2024; 35
- **Siderophore Synthetase DesD Catalyzes N-to-C Condensation in Desferrioxamine Biosynthesis.** *ACS chemical biology*  
Yang, J., Banas, V. S., Rivera, G. S., Wencewicz, T. A.  
2023; 18 (6): 1266-1270
- **In Vitro Reconstitution of Fimsbactin Biosynthesis from *Acinetobacter baumannii*.** *ACS chemical biology*  
Yang, J., Wencewicz, T. A.  
2022; 17 (10): 2923-2935
- **An acyl-adenylate mimic reveals the structural basis for substrate recognition by the iterative siderophore synthetase DesD.** *The Journal of biological chemistry*  
Yang, J., Banas, V. S., Patel, K. D., Rivera, G. S., Mydy, L. S., Gulick, A. M., Wencewicz, T. A.  
2022; 298 (8): 102166
- **Multifunctional P450 Monooxygenase CftA Diversifies the Clifednamide Pool through Tandem C-H Bond Activations.** *Journal of natural products*  
Yang, J., Qi, Y., Blodgett, J. A., Wencewicz, T. A.  
2022; 85 (1): 47-55
- **Emergence of Ferrichelatase Activity in a Siderophore-Binding Protein Supports an Iron Shuttle in Bacteria.** *ACS central science*  
Endicott, N. P., Rivera, G. S., Yang, J., Wencewicz, T. A.  
2020; 6 (4): 493-506