

Stanford



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Ph.D. Student in Chemistry, admitted Autumn 2020

Publications

PUBLICATIONS

- **The ACE-inhibitor drug captopril inhibits ACN-1 to control dauer formation and aging.** *Development (Cambridge, England)*
Egan, B. M., Pohl, F., Anderson, X., Williams, S. C., Adodo, I. G., Hunt, P., Wang, Z., Chiu, C., Scharf, A., Mosley, M., Kumar, S., Schneider, D. L., Fujiwara, et al
2024
- **Structure and mechanism of the alkane-oxidizing enzyme AlkB.** *Nature communications*
Guo, X., Zhang, J., Han, L., Lee, J., Williams, S. C., Forsberg, A., Xu, Y., Austin, R. N., Feng, L.
2023; 14 (1): 2180
- **An alkane monooxygenase (AlkB) family in which all electron transfer partners are covalently bound to the oxygen-activating hydroxylase** *JOURNAL OF INORGANIC BIOCHEMISTRY*
Williams, S. C., Luongo, D., Orman, M., Vizcarra, C. L., Austin, R. N.
2022; 228: 111707
- **An Overview of the Electron-Transfer Proteins That Activate Alkane Monooxygenase (AlkB).** *Frontiers in microbiology*
Williams, S. C., Austin, R. N.
2022; 13: 845551