

Stanford



Weigao Wang

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STANFORD ADVISORS

- James Swartz, Postdoctoral Faculty Sponsor
- James Swartz, Postdoctoral Research Mentor

Research & Scholarship

LAB AFFILIATIONS

- James Swartz (8/6/2021)

Publications

PUBLICATIONS

- **Engineering an efficient whole-cell catalyst for D-allulose production from glycerol.** *Biotechnology journal*
Zhang, H., Zhao, A., Qu, L., Xiong, W., Alam, M. A., Miao, J., Wang, W., Xu, J., Lv, Y.
2023: e2200600
- **Regulation of Ethanol Assimilation for Efficient Accumulation of Squalene in *Saccharomyces cerevisiae*.** *Journal of agricultural and food chemistry*
Zhang, Y., Wang, W., Wei, W., Xia, L., Gao, S., Zeng, W., Liu, S., Zhou, J.
2023
- **Produce D-allulose from non-food biomass by integrating corn stalk hydrolysis with whole-cell catalysis.** *Frontiers in bioengineering and biotechnology*
Jia, Q., Zhang, H., Zhao, A., Qu, L., Xiong, W., Alam, M. A., Miao, J., Wang, W., Li, F., Xu, J., Lv, Y.
2023; 11: 1156953
- **Engineering heterologous enzyme secretion in *Yarrowia lipolytica*** *MICROBIAL CELL FACTORIES*
Wang, W., Blenner, M. A.
2022; 21 (1): 134
- **Rational engineering of low temperature activity in thermoalkalophilic *Geobacillus thermocatenulatus* lipase** *BIOCHEMICAL ENGINEERING JOURNAL*
Wang, W., Dasetty, S., Sarupria, S., Blenner, M.
2021; 174