

教师简介

	姓名	胡社伟
	职称	无
	最高学历/学位	研究生/博士
	毕业院校	南京工业大学
	专业	生物化工
	研究方向	合成生物学
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	主讲课 程	文献检索与科技论文写作等
教科研 成果	<p>发表论文:</p> <p>1、 Shewei Hu, Yangyang Li, Alei Zhang, et al. Designing of an efficient whole-cell biocatalyst system for converting L-lysine into cis-3-hydroxypipicolinic acid. [J] <i>Frontiers in Microbiology</i>, 2022, 13.</p> <p>2、 Shewei Hu, Pengfan Yang, Yangyang Li, et al. Biosynthesis of cis-3-hydroxypipicolinic acid from L-lysine using an in vivo dual-enzyme cascade. [J] <i>Enzyme and Microbial Technology</i>, 2022, 154: 109958.</p> <p>[3]、 Shewei Hu, Nana Xu, et al. Efficient production of D-1, 2, 4-butanetriol from D-xylose by engineered <i>Escherichia coli</i> whole-cell biocatalysts. [J] <i>Frontiers of Chemical Science and Engineering</i>, 2018, 12.4: 772-779.</p> <p>4、 Yangyang Li, Alei Zhang, Shewei Hu, et al. Efficient and scalable synthesis of 1,5-diamino-2-hydroxy-pentane from l-lysine via cascade catalysis using engineered <i>Escherichia coli</i>[J]. <i>Microbial Cell Factories</i>, 2022, 21(1):1-10</p> <p>5、 Xing Wang, Shewei Hu, et al. D-1, 2, 4-Butanetriol production from renewable biomass with optimization of synthetic pathway in engineered <i>Escherichia coli</i>. [J] <i>Bioresource technology</i>, 2018, 250: 406-412.</p> <p>6、 Qian Gao, Xin Wang, Shewei Hu, et al. High-yield production of D-1,2,4-butanetriol from lignocellulose-derived xylose by using a synthetic enzyme cascade in a cell-free system[J]. <i>Journal of Biotechnology</i>, 2019.</p>	