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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 姓名          | 许国超                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 职称          | 副教授                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 学历/学位       | 研究生/工学博士                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 联系电话        | 13661841332               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 电子邮箱        | guochaosu@jiangnan.edu.cn |
| <b>个人简介</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                           |
| 长期从事生物催化剂的筛选、系统生物催化合成手性中间体及酶工程的研究，主要承担《生物催化与手性技术》、《分子生物学》课程的讲授工作。近年来以第一作者和通讯作者共发表高水平研究论文12篇，累计影响因子达51.95，他引116次；申请发明专利6项；主持包括国家自然科学基金青年基金、江苏省自然科学基金面上项目等在内的省部级科研项目2项；指导2名学生获得江南大学校级优秀毕业论文。                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |                           |
| <b>学习工作经历（自本科填起）</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                           |
| 2004-2008 山东农业大学，生物工程专业，工学学士<br>2008-2014 华东理工大学，生物化工专业，工学博士<br>2014-至今 江南大学生物工程学院工作                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                           |
| <b>主要代表性成果：</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |                           |
| <b>一、论文（论著）发表情况</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |                           |
| 1、Xu GC, Zhang YP, Wang Y, Ni Y, Genome hunting of carbonyl reductases from <i>Candida glabrata</i> for efficient preparation of chiral secondary alcohols, <i>Bioresource Technology</i> , 2018, 247, 553-560.<br>2、Xu GC, Li L, Han RZ, Dong JJ, Ni Y, Characterization and soluble expression of D-hydantoinase from <i>Pseudomonas fluorescens</i> for the synthesis of D-amino acids, <i>Applied Biochemistry and Biotechnology</i> , 2016, 1, 1-15.<br>3、Xu GC, Bian YQ, Han RZ, Dong JJ, Ni Y, Cloning, expression, and characterization of budC gene encoding meso-2,3-butanediol dehydrogenase from <i>Bacillus licheniformis</i> , <i>Applied Biochemistry and Biotechnology</i> , 2016, 178, 604-617.<br>4、Xu GC, Ding JC, Han RZ, Dong JJ, Ni Y, Enhancing cellulose accessibility of corn stover by deep eutectic solvent pretreatment for butanol fermentation, <i>Bioresource Technology</i> , 2016, 203, 364 – 369.<br>5、Xu GC, Zhang LL, Ni Y, Enzymatic preparation of D-phenyllactic acid at high space-time yield with a novel phenylpyruvate reductase identified from <i>Lactobacillus</i> sp CGMCC 9967, <i>Journal of Biotechnology</i> , 2016, 222, 29-37.<br>6、Xu GC, Tang MH, Ni Y, Asymmetric synthesis of lipitor chiral intermediate using a robust carbonyl reductase at high substrate to catalyst ratio, <i>Journal of Molecular Catalysis B:Enzymatic</i> , 2016, 123, 67-72.<br>7、Xu GC, Shang YP, Yu HL, Xu JH, Identification of key residues in <i>Debaryomyces hansenii</i> carbonyl reductase for highly productive preparation of (S)-aryl halohydrins, <i>Chemical Communications</i> , 2015, 51, 15728-15731.<br>8、Xu GC, Yu HL, Shang YP, Xu JH, Enantioselective bioreductive preparation of chiral halohydrins employing two newly identified stereocomplementary reductases, <i>RSC Advances</i> , 2015, 5, 22703-22711.<br>9、Zhang Y, Pan J, Luan ZJ, Xu GC, Park S, Xu JH, Cloning and Characterization of a Novel Esterase from <i>Rhodococcus</i> sp. for Highly Enantioselective Synthesis of a Chiral Cilastatin Precursor, <i>Applied and Environmental Microbiology</i> , 2014, 80, 7348-7355.<br>10、Xu GC, Yu HL, Zhang ZJ, Xu JH, Stereocomplementary Bioreduction of beta-Ketonitrile without Ethylated Byproduct, <i>Organic Letters</i> , 2013, 15, 5408-5411.<br>11、Xu GC, Yu HL, Xu JH, Facile Access to Chiral Alcohols with Pharmaceutical Relevance Using a Ketoreductase Newly Mined from <i>Pichia guilliermondii</i> , <i>Chinese Journal of Chemistry</i> , 2013, 31, 349-354. |             |                           |
| <b>二、专利情况</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                           |
| 1、许国超，倪晔，周婕妤，一种醇脱氢酶高通量筛选方法，中国专利，201610374447.4<br>2、许国超，倪晔，周婕妤，一种醇脱氢酶突变体及其基因和在制备手性双芳基仲醇中的应用，中国专利，201610373757.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |                           |
| <b>三、承担教学科研项目情况</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |                           |
| 1、国家自然科学基金青年基金，以1,4-丁二醇为辅底物再生NADPH的醇脱氢酶的构建及催化机制研究<br>2、江苏省自然科学基金面上项目，氨脱氢酶不对称还原胺化双芳基酮的分子机制研究                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                           |
| <b>四、获奖情况（含指导学生获奖）</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |                           |
| 1、华东理工大学优秀博士学位论文<br>2、江南大学优秀本科毕业论文2篇                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                           |

以上资料更新时间截止：2017年12月