

Artur Cavaco-Paulo 教授

个人简介



Artur Cavaco-Paulo: 葡萄牙米尼奥大学 (University of Minho) 纺织工程系, 生物化学工程系教授。2014 年 11 月入选教育部“长江学者”讲座教授, 现任江南大学纺织服装学院教授, 特聘博士生导师, 江南大学纺织服装学院纺织生物技术国际联合实验室外方首席专家, “江苏百人计划”入选者。

Artur Cavaco-Paulo 教授是纺织生物技术领域的著名学者和领军人物, 全球纺织生物技术联盟创始人及主席, 美国化学学会 ACS 会员, 欧盟聚合物生物技术 Cost Action 868 及超声波声化学 Cost D32 分会主席及管理委员会成员, 欧盟框架计划项目葡萄牙方总负责人, Bar-Ilan University、University of Hanyang、University of Graz Technology、University of Sao Paulo、University Vale Paraiba、Polytechnic School of Rio de Janeiro 兼职教授, 加拿大 Khairpep 公司研发总负责人; H 因子为 40 (Scopus 数据库)。

Artur Cavaco-Paulo 教授长期从事纤维及聚合物生物加工工艺、酶生物催化机制、酶的聚合及纤维接枝工艺、基于蛋白质的聚合物和纤维等方面的研究, 已完成欧盟(第 4、第 5、第 6、第 7 框架项目), 宝洁公司, Robustra 公司, NANOFOL 公司, NOVO 公司, INFAC 公司等多项科研和产业项目。在 Chemical Society Reviews, Trends in Biotechnology, Advanced Functional Materials, Current Opinion in Biotechnology, Chemistry-A European Journal, Green Chemistry, Macromolecules, Biomacromolecules, Applied Microbiology and Biotechnology 等著名学术期刊发表 SCI 论文 250 余篇, 最高影响因子: 33.83, 最高单篇引用次数: 522 次。获葡萄牙和世界专利 12 项, 主编和参编的 4 部著作: *Enzyme applications for fiber processing*, *Textile processing with enzymes*; *Biotechnology in textile processing*; *Advances in textile biotechnology* 是酶在纺织领域中应用研究方向仅有的全球公认的英文教科书。担任 *Journal of Biotechnology*, *Biocatalysis and Biotransformation*, *Biotechnology Letters*, *Journal of Natural Fibers*, *Enzyme Microbial Technology*,

Biotechnology Journal, *Biocatalysis and Biotransformation*, *Coloration Technology* 等期刊 (特邀) 编委。与欧盟, 巴西, 美国, 日本和中国的相关高校和企业建立了广泛的合作关系, 多次担任国际性学术会议的组织者和特邀嘉宾。

研究生教育

(1) 硕士生

招生专业: 纺织化学与染整工程

研究方向: 纤维及聚合物的生物加工工艺, 酶生物催化机制, 蛋白质纤维生物加工, 酶催化聚合; 酶控药物运输和释放。

(2) 博士生

招生专业: 纺织科学与工程

研究方向: 纤维及聚合物的生物加工工艺, 酶生物催化机制, 蛋白质纤维生物加工, 酶催化聚合; 酶控药物运输和释放。

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代表性学术论文: (截至 2015 年 6 月)

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