

姓名：屠康

性别：男

毕业院校：比利时天主教鲁汶大学

最高学位：博士

办公地址：食品院 315

办公电话：025-84399016

电子邮箱：kangtu@njau.edu.cn

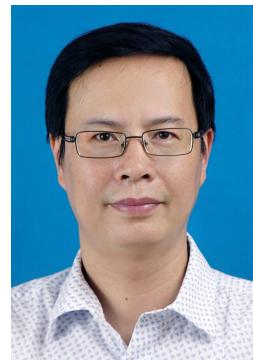
研究方向：农产品无损检测、贮藏与加工

个人简介：

南京农业大学食品科技学院，教授、博导。1998 年于比利时鲁汶大学获得博士学位，1999.1-2000.12 日本爱媛大学农学部特别研究员（JSPS）。2001 年起受聘教授，工作于南京农业大学。主要从事农产品检测、贮藏与加工等方面的科研工作。现任中国农学会农产品贮藏加工分会常务理事、中国农业工程学会高级会员、美国 ASABE 会员。主持承担国家自然科学基金项目、科技部“863”项目、科技部“十三五”重点研发项目子课题、教育部“新世纪优秀人才支持计划”项目、农业部“948”项目、农业行业公益项目、江苏省自然科学基金重点项目、江苏省农业支撑项目等。入选教育部“新世纪人才”和江苏省“青蓝工程”学术带头人。受国家留学基金委资助先后赴美国、澳大利亚高访。近 5 年以来，已在国内外核心杂志和国际会议上发表了 60 多篇论文，其中 SCI 收录 20 多篇，专著 2 本。主编本科教材《食品物流学》、《食品物性学》、《食品科学导论》、《食品专业英语》。授权发明专利 10 项，获得国家软件著作权 12 项。获得食品工业协会科技奖特等奖和江苏省科技进步三等奖（2014，均排名第一）。

科研情况：

目前承担国家自然科学基金“基于高光谱和电子鼻检测水果采后真菌病害的信息基础和机理研究”（31671925）、“十三五”重点研发计划子课题等。



科研成果：

Leiqing Pan, Wei Zhang, Na Zhu, Shubo Mao, Kang Tu*. Early detection and classification of pathogenic fungal disease in post-harvest strawberry fruit by electronic nose and gas chromatography--mass spectrometry[J]. Food Research International, 2014, 62: 162-168.

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Jing Peng, Ye Wang, Guoxiong Chen, Leiqing Pan, and Kang Tu*, 2018, Morphological and Physicochemical Properties of Very Small Granules Starch from *Agriophyllum squarrosum*(L.) Moq. in Comparison with Maize Starch, Starch - Stärke 2018, 70.

D. Zhou, Z. Wang, M. Li, M. Xing, T. Xian and K. Tu*, 2018, Carvacrol and eugenol effectively inhibit Rhizopus stolonifer and control postharvest soft rot decay in peaches, Journal of Applied Microbiology, 124, 166—178

Qiang Liu, Nan Zhao, Dandan Zhou, Ye Sun, Ke Sun, Leiqing Pan, Kang Tu*,2018. Discrimination and growth tracking of fungi contamination in peaches using electronic nose. Food chemistry, 2018, Volume 262, 226-234, Food Chemistry.