<table>
<tr><td>姓　名</td><td>刘玉涛</td><td>性别</td><td>男</td><td rowspan="4">  </td></tr>
<tr><td>职　称</td><td>副教授</td><td>系别</td><td>农业机械化系</td></tr>
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<tr><td>研究领域</td><td colspan="4">农业废弃物的综合利用</td></tr>
<tr><td>社会兼职</td><td colspan="4">美国生物与农业工程学会(ASABE)，会员，2014 年至今;
中国农业工程学会，会员，2007 年至今</td></tr>
<tr><td>承担项目</td><td colspan="4">1、国家自然科学基金青年项目：还田后秸秆腐解对土壤真核微生物细胞自噬的影响及机制（主持，编号：41301261），在研
2、江苏省自然科学基金金青年项目：基于细胞自噬的还田后秸秆腐解抑制土传病害的机理研究（主持，BK20130680），在研
3、国家科技支撑计划子课题：土壤肥力培育机械化关键技术研究与示范（2013BAD08B04-1），在研
4、南京市生物农业项目：秸秆腐熟菌剂的产业化开发及机械化撒施试验示范（主持，苏农财[2013]116 号宁财农[2013]727 号），在研</td></tr>
<tr><td>学术成果</td><td colspan="4">近期主要论文：
（1）Yutao Liu, Sanqin Zhao, Qi Zhu, Weimin Ding. Image grey value analysis for estimating the effect of microorganism inoculants on straws decomposition, Computers and Electronics in Agriculture. 2016, 128：120-126.
（2）Shenshen Zou*, Yutao Liu*, Caiyun Zhang, Sidney Yu and Yongheng Liang. Bet3 participates in autophagy through GTPase Ypt1 in Saccharomyces cerevisiae, Cell Biology International. 2015, 39, 466-474(* 共同第一作者).
（3）Zou S*, Liu Y*, Zhang X*, Chen Y, Ye M, Zhu X, Yang S, Lipatova Z, Liang Y*, Segev N*. Modular TRAPP complexes regulate intracellular protein trafficking through multiple Ypt/Rab GTPases in S. cerevisiae. Genetics, 2012 , 191（2）：451-460(* 共同第一作者).
授权专利：
（1）刘玉涛，丁为民，陈玉仑，高瑾. 一种基于荧光蛋白分布比例的土壤内可利用氮素的检测方法. 专利号：ZL 2014 1 0071519.9（发明专利，已授权）
（2）尚帅楠，刘玉涛，朱奇，荣昭强. 一种基于 STM32 单片机的分布式多点温度检测监控存储系统. 专利号：ZL 2015 2 0969055.3（实用新型，已授权）</td></tr>
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Teaching staff/ Personal information

<table>
<tr><td>Name</td><td>Yutao LIU</td><td>Gender</td><td>Male</td><td rowspan="4">  </td></tr>
<tr><td>Title</td><td>Associate Professor</td><td>Department</td><td>Department of Agricultural Mechanization</td></tr>
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<tr><td>Research field</td><td colspan="4">Comprehensive Utilization of Agricultural Residues.</td></tr>
<tr><td>Social appointments</td><td colspan="4">2014-Present: Member of ASABE
2007-Present: Member of CSAE</td></tr>
<tr><td>Research projects</td><td colspan="4">（1）NSFC Project: Effects of straw decomposition on autophagy in soil eukaryotic microorganism groups after straw returning and the effect mechanism (PI, in progress).
（2）Jiangsu Natural Science Foundation Project: The mechnism of the inhibition to soil-borne disease during the straw decomposition after returning to field from the view of autophagy (PI, in progress).
（3）National Scientific and Technological Support Project: Study on the key technologies and set examples for the mechanization of improving and culturing soil fertilization (Participant, in progress).
（4）Project from Agricultural Commission, Nanjing Municipal Government: Study on the utilization of microorganisms for decomposing straw in fields and the spray technology by machines (PI, in progress)</td></tr>
<tr><td>Academic achievements</td><td colspan="4">Publications:
（1）Yutao Liu, Sanqin Zhao, Qi Zhu, Weimin Ding. Image grey value analysis for estimating the effect of microorganism inoculants on straws decomposition, Computers and Electronics in Agriculture. 2016, 128：120-126.
（2）Shenshen Zou*, Yutao Liu*, Caiyun Zhang, Sidney Yu and Yongheng Liang. Bet3 participates in autophagy through GTPase Ypt1 in Saccharomyces cerevisiae, Cell Biology International. 2015, 39, 466-474(* Co-1st author).
（3）Zou S*, Liu Y*, Zhang X*, Chen Y, Ye M, Zhu X, Yang S, Lipatova Z, Liang Y*, Segev N*. Modular TRAPP complexes regulate intracellular protein trafficking through multiple Ypt/Rab GTPases in S. cerevisiae. Genetics, 2012 , 191（2）：451-460(*Co-1st author).
Patents:
（1）The methods to measure the content of available nitrogen in soil on the distribution ratio of fluorescent protein in cell. No. ZL 2014 1 0071519.9（Invention model patent）</td></tr>
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	（2）One system for detection and storage of multi-point temperature on STM32. ZL 2015 2 0969055.3（Utility model patent）