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职 称	讲师	系别	电气系	
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单位地址	南京市浦口区点将台路 40 号	邮编	210031	
研究领域	电机及其控制 机器视觉及农产品检测			
社会兼职	无			
承担项目	<ol style="list-style-type: none"> 1. 农业科技成果转化资金项目：SQ2011ECC100043（承担子项目） 2. 江苏省智能农业物联网应用示范工程：BY2012207（承担子项目） 3. 畜禽福利养殖关键技术体系研究与示范：201003011（参与子项目） 4. 14 年农业工程类重点建设项目：0510101 			
学术成果	<p>近期主要论文：</p> <ol style="list-style-type: none"> 1. 陈士进等. 基于机器视觉的牛肉结缔组织特征和嫩度关系研究. 南京农业大学学报, 2016, 5:261-268. 2. 陈士进等. 光谱技术预测牛肉嫩度研究进展. 食品科学, 2013, 34(1):333-339. 3. 丁冬, 陈士进等. 基于计算机视觉的牛肉质量分级研究进展. 食品科学, 2015, 36(7):251-255 4. 陆静霞, 於海明, 陈士进等. 基于植物电信号的环境因子预测模型. 农业机械学报, 2013, 44(11):229-233. 5. 陈士进等. 三相混合式步进电动机数学模型和仿真参数测定. 电机技术, 2009, 6. 王卫, 沈明霞, 彭增起, 陈士进等. 基于图像纹理特征的牛肉嫩度预测方法研究. 食品科学, 2012, 33(15):61-65. 7. 梁林, 沈明霞, 彭增起, 陈士进等. 基于串口通信的肉牛企业标签打印系统的研究和设计. 食品工业科技, 2012, 33(8):339-343 <p>授权专利：</p> <ol style="list-style-type: none"> 1. 基于嵌入式机器视觉技术的便携式牛肉品质分级系统图像采集装置, 实用新型发明专利, (参与) 2. 基于机器视觉技术的群养母猪饮水行为无线监测系统, 实用新型专利 (参与) 			
奖励荣誉	无			

Teaching staff/ Personal information

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Research field	Motor and its control Machine vision and detection of agricultural products			
Social appointments	null			
Research projects	<ol style="list-style-type: none"> 1. Agricultural science and Technology Achievements Transformation Fund Project: SQ2011ECC100043 (Burden sub-item) 2. Demonstration project of Intelligent Agricultural Internet of things application in Jiangsu Province: BY2012207 (Burden sub-item) 3. Research and demonstration on key technology system of animal welfare: 201003011 (Participated in sub-item) 4. Key construction projects of Agricultural Engineering of 2014 year:0510101 			
Academic achievements	<p>current paper:</p> <ol style="list-style-type: none"> 1.Chen Shijin, et al. Research on relationship between beef connective tissue features and tenderness by computer vision technology. Journal of nanjing agricultural university, 2016, 5:261-268. 2. Chen Shijin, et al. Review and Prospective of Predicting Beef Tenderness Using Spectrum Technology. Food Science, 2013, 34(1):333-339. 3. Ding Dong, Chen Shijin et al. Review of Beef Quality Grading Based on Computer Vision. Food Science, 2015, 36(7):251-255. 4. Lu Jingxia, Yu Haiming, Chen Shijin, et al. Environment Factor Prediction Models Based on Plant Electrical Signals. Environment Factor Prediction Models Based on Plant Electrical Signals, 2013, 44(11):229-233. 5. Chen Shijin, et al.Math Model of the Three-phase Hybrid Stepping Motor and Measurement of the Simulation Parameter. Motor technology, 2009, 6:9-10. 6. Wang Wei, Shen Mingxia, Peng Zengqi ,Chen Shijin ,et al. Prediction of Beef Tenderness Based on Image Texture Features. Food Science, 2012, 33(15):61-65. 7. Liang Lin, Shen Mingxia, Peng Zengqi ,Chen Shijin ,et al.Label Printing System of the beef cattle business based on serial port communication. Science and Technology of Food Industry, 2012,33(8):339-343 <p>Authorized patent:</p> <ol style="list-style-type: none"> 1. Portable beef quality grading system image acquisition device based on Embedded Machine Vision Technology, Utility model invention patent. (partake) 2. Wireless monitoring system based on machine vision technology for drinking water behavior of sows, Utility model invention patent. (partake) 			

Reward & honor	null