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<b>研究领域</b>	农业机械导航与控制；农业物联网			
<b>社会兼职</b>	无			
<b>承担项目</b>	(1) 国家自然科学基金：农业车辆自主定位与环境地图创建问题研究（编号：31401291） (2) 江苏省自然科学基金：农业环境下拖拉机自主定位与地图创建关键技术研究（编号：BK20140729） (3) 中央高校基本科研业务费：农业车辆自主定位与环境地图创建问题研究（配套）（编号：KJQN201556）			
<b>学术成果</b>	近期主要论文： [1]田光兆，安秋，姬长英，等．基于 Gray-EKF 算法的智能农业车辆同时定位与地图创建[J]．农业工程学报，2012，28（19）：17~25． [2]田光兆，安秋，姬长英，等．低速智能农业车辆多分辨率自适应测速系统设计农业机械学报，2013，44（2）：159~164． [3]田光兆，安秋，姬长英，等．基于立体视觉的智能农业车辆实时运动检测[J]．农业机械学报，2013，44（7）：210~215．			
<b>奖励荣誉</b>	无			

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<b>Social appointments</b>	None			
<b>Research projects</b>	<p>(1)National Natural Science Foundation of China :Research on automatic localization and mapping for Agricultural vehicles (Grant No. 31401291)</p> <p>(2)Natural Science Funds of Jiangsu Province: Key technology research on automatic localization and mapping for tractors in agricultural environment (Grant No. BK20140729 )</p> <p>(3) Fundamental Research Funds for Central Universities : Research on automatic localization and mapping for Agricultural vehicles (Grant No.KJQN201556)</p>			
<b>Academic achievements</b>	<p>(1)Tian Guangzhao, An Qiu, Ji Changying, et al. Simultaneous localization and mapping based on Gray EKF for intelligent agricultural vehicle[J]. Transactions of the Chinese Society of Agricultural Engineering, 2012,28(19): 17-25.</p> <p>(2)Tian Guangzhao, An Qiu, Ji Changying,et al. Design of multiresolution adaptive speed measurement system for low-speed intelligent agricultural vehicle[J]. Transactions of the Chinese Society for Agricultural Machinery, 2013, 44(2): 159-164.</p> <p>(3)Tian Guangzhao, An Qiu, Ji Changying,et al. Real-time motion detection for intelligent agricultural vehicle based on stereo vision[J]. Transactions of the Chinese Society for Agricultural Machinery, 2013, 44(7): 210-215</p>			
<b>Reward &amp; honor</b>	None			