

# Curriculum Vitae

## Personal Information

Name : Yuanhui Cui  
Date of Birth: 04. 27. 1974  
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## Education Background

**Circuit & system**, Sept. 2006 – Jun. 2013, Doctor Dalian University of Technology, China,  
**Control engineering**, Sept.1997 – Jan. 2000, Master Northeast Dianli University, China  
**Mechanic engineering**, Sept.1993 – Jul. 1997, Bachelor Qingdao Agriculture University, China.

## Research Interests

1. Multi-sensor data fusion in hazardous transportation
2. Future energy design and application, including solar, wind energy in wearable devices
3. Sensor and control system in industry
4. Gas sensor and its applications

## Professional Societies

Fellow, sensor branch, the China Instrument and control Society (CIS)

## Selected Publications

### **Journal papers (Selected)**

1. **Cui yuanhui** ,Tang zhenan, Yu jun, Design of a dynamic high-precision characterizing system for gas sensors , chinses journal of scientific instrument , Vol 31,No 10, 2180-2185,2010.
2. **Cui yuanhui** ,Tang zhenan, Yu jun, Evaluation of transportation on tank vehicle based on extenics theory. ICIC express letters, Vol 6,No 6, 2409-2414,2012.
3. **Yuanhui CUI**, Zhen an TANG, Jun YU, Monitoring LNG Vehicle with Multi-Sensors and a Revised Decision-Tree Algorithm , sensors & transducers, Vol 22,special issue,104-110, 2013.
4. **Cui Yuanhui**, Bao Wei, Mou Jun, Wang Zhisen. LED lighting communication system design and implementation. Optical communication technology. Vol 40 No.2 ,33-36,2016.
5. **Cui Yuanhui**, Chen Hesheng, Tab Boqiang, Wang Zhisen. Design and Implementation a Line-shape Rotate LED Display System with Wireless Power Supply, Process Automation Instruments. Vol. 38 No.12, 63-67.2017.

### **Conference papers (Selected)**

1. **Yuan-hui CUI**, Jun MOU, Hui-min MENG and Zhi-sen WANG, Status Evaluation Based on Heterogeneous Sensors for the LNG Tank Transportation, 2015 International Conference on Simulation, Modelling and Mathematical Statistics (SMMS 2015), 52-56,2015. (invited)
2. Yue Zhao, **Yuanhui Cui**, Zhisen Wang, Yanping Wang, Wei Li. The Control Strategy of Single - phase Inverter Based on Improved Park Transform. 2017 International Conference on Mechanical and Electrical Engineering, Information Science (MEEIS 2017), GuiLin, China, Aug.18-20,2017.