

Xu Qinchao (Ph.D)

**Curriculum Vitae**

Date of Birth: Oct. 11, 1982

Sex: Male

Nationality: Chinese

Associate professor, Huazhong Agricultural University



CONTACT INFORMATION

Huazhong Agricultural University

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EDUCATION

Ph.D. March 2009-December 2012

Major: Mechanical Design and Theory, Naval Engineering University,

China

M.S. September 2006- March 2009

Major: Computer application technology, Naval Aeronautical

Engineering Institute, China

B.S. September 2000-July 2004

Major: Mechanical Design and Theory, Naval Aeronautical Engineering  
Institute, China

### RECENT WORK AND ACTIVITY

Teaching Machinery-related Theory Courses and Practical Courses in  
Huazhong Agricultural University

Member of the Chinese Society of Agricultural Engineering

### MAIN RESEACH GRRANTS

NO.	PRJECT TITTLE	WBS NO.	START DATE	END DATE	FUNDING AGENCY
1	Research of regulation mechanism for citrus storage condition	2017CFC815 presider	2018.1	2019.12	National Science Foundation of Hubei Province
2	Simulation of water and fertilizer transport in cultivation substrates and irrigation decision system	51509098 member	2016.1	2018.12	National Science Foundation
3	Thermal- mechanical analysis of external combustion engine piston based on finite element method	2662015BQ0 51 presider	2015.4	2017.12	Fundamental Research Funds for the Central Universities

### PUBLICATIONS

(1) **Xu Qinchao**, Chen Hong, Pan Haibing, Li Shanjun. Design and test of foam net packing machine for spherical fruit [J]. Transactions of the Chinese Society of Agricultural Engineering(EI), 2019, 35(19): 56-61.

(2) **Xu Qinchao**, Li Shanjun, Chen Hong, Pan Haibing. Design and micro environment analysis of wet curtain air conditioning system for citrus storage [J]. *Ekoloji (SCI)*, 2019, 28(107): 891-897.

(3) **Xu Qinchao**, Li Shanjun, Lian Yongqing, Wang Shuzong. Strength analysis and structure improvement of piston for a new type engine[J]. *Engineering journal of Wuhan University (CSCD)*, 2019, 52(3): 270-275.

(4) **Xu Qinchao**, Li Shanjun, Lian Yongqing, Wang Shuzong. Structural design and test of a new high power cam piston engine[J]. *Acta Armamentarii (EI)*, 2018, 39(10): 1979-1987.

(5) **Xu Qinchao**, Li Shanjun, Chen Hong, Pan Haibing. An analysis of the cooling performance of thermal driven ventilation for ground ventilation storage of citrus[J]. *Acta Agriculturae Universitatis Jiangxiensis (CSCD)*, 2018, 40(5): 1078-1083.

(6) Liu Zhigang, **Xu Qinchao**. Precision irrigation scheduling using ECH2O moisture sensors for lettuce cultivated in a soilless Substrate culture [J]. *Water (SCI)*, 2018, 10(5): 549-555.

(7) Liu Zhigang, **Xu Qinchao**. Wetting patterns estimation in cultivation substrates under drip irrigation [J]. *Desalination and water treatment (SCI)*, 2018, 112(4): 319-324.

And so on. Nearly 30 articles have been published.