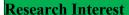
CURRICULUM VITAE

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Citrus Orchards Mechanization; Citrus Orchard Management Robot; Mountain Orchard Mowing Robot; Agricultural Robot; Dynamics Modeling and Control of Mechanical System.

Education & Working Experience

2000.9-2004.6	Mechanical Science & Engineering, Huazhong University of Science and
Technology,	Bachelor
2004.9-2007.1	Mechanical Science & Engineering, Huazhong University of Science and
Technology,	Master
2007.3-2012.6	Mechanical Science & Engineering, Huazhong University of Science and
Technology,	Phd
2012.7-	HuaZhong Agriculture University

Publications

Twenty-five papers have been published. Representative Papers:

- 1. **Bao Xiulan**, Mao Jincheng#, Luo Xin, A unified modeling and control design for precision transmission system with friction and backlash,,Advances in Mechanical Engineering, 2016, 8(5): 1-11 (SCI)
- 2. **Bao Xiulan**, Mao Jincheng#, Dynamic modeling method for air bearings in ultra-precision positioning stages ,Advances in Mechanical Engineering, 2016, 8(8): 1-9 (SCI)
- 3. Ding Shenglan, **Bao Xiulan #,** A 3D practice for preoperative rehearsal based on the additive and subtractive manufacturing, Journal of Mechanics in Medicine & Biology, 2016, 16(8): 1-17 (SCI)
- 4. **Bao Xiulan**, Li Shanjun, Meng Liang. An Experiment Platform for Common Mountain Orchard Transport, Proceedings 2015 International Conference on Computer Science and Mechanical Automation, CSMA 2015, pp. 267-271. (EI)
- 5. **Bao Xiulan**, Luo Xin, Identification and quantitative feedback control of precision mechatronic systems. Advanced Materials Research, 383:272-278(EI)

Eleven china patents are accomplished. Representative patents:

- 1. A kind of crawler joint robot for weeding orchard, ZL20192029819.5
- 2. A control system of trackless cable conveyor, ZL201811065795.9
- 3. A new disc type watch seed-metering device, ZL 201610591796.1