

Curriculum Vitae

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Education Background

- **2014.12~present** Visiting Scholar, Waterloo Microfluidics Laboratory, Department of Mechanical and Mechatronics Engineering, University of Waterloo, supervised by Prof. Carolyn L. Ren
- **2006.6~2006.7** Exchange student, MAHA Fluid Power Laboratory, Agricultural and Biological Engineering (ABE) Department, Purdue University, supervised by Prof. Monika Ivantysynova
- **2005.3~2009.1** Ph.D. in School of Mechatronics Engineering, Harbin Institute of Technology, supervised by Prof. Gang Bao and Prof. Songjing Li
- **2002.9~2005.1** M.S. in School of Mechatronics Engineering, Harbin Institute of Technology, supervised by Prof. Songjing Li
- **1998.9~2002.7** B.S. in School of Mechatronics Engineering, Harbin Institute of Technology

Working Experience

- **2010.12~2014.11** Postdoctoral fellow in School of Mechatronics Engineering, University of Electronic Science and Technology of China
- **2013.8~present** Associate Professor in School of Mechatronics Engineering, University of Electronic Science and Technology of China

Paper Publications

- **Jiang Dan**, Li Songjing and Yang Ping. Influence of gas bubbles in valve-less micropump chamber on periodic driving pressure. *Acta Physica Sinica*. 2013, 62(22):2247031~2247037
- **Dan Jiang**, Songjing Li, Kevin A. Edge, Wen Zeng. Modeling and simulation of low pressure oil-hydraulic pipeline transients. *Computers&Fluids*. 2012, 67:79~86
- **Jiang Dan**, Li Songjing. Study on dynamic characteristics of a valve-less micropump. *Chinese Physics B*. 2012, 21(7):074701-1~074701-9
- **Jiang Dan**, Li Songjing and Bao Gang. Parameter identification of gas bubble model in pressure pulsations using genetic algorithms. *Acta Physica Sinica*. 2008, 57(8):5072~5080
- **Jiang Dan**, Li Songjing, Wang Jia, Chen Qi, Bao Gang. A fuel supply system for ramjet engines using hydraulic servo valves. *Proceedings of 5th International Symposium on Fluid Power Transmission and Control(ISFP)*, 2007, Beidaihe, China: 250~253
- **Jiang Dan**, Li Songjing and Bao Gang. Modeling and analyzing of low pressure pipeline transients accompanying gas bubbles and cavitation. *Journal of Aerospace Power*. 2007, 22(12):2062~2067
- **Jiang Dan**, Li Songjing. Simulation of Hydraulic Pipeline Pressure Transients Accompanying Cavitation and Gas Bubbles using Matlab/Simulink. *Proceedings of ASME Fluids Engineering Division Summer Meeting (FEDSM)*, 2006, Miami, USA:657-665