

# Resume

Name: Xiaodong Qi

Telephone: 18642821376

Residency: Dalian

E-mail: qixd@foxmail.com

## Education

Dalian University of Technology, Dalian

2008.3-2011.11, materials processing and engineering, graduating with a Doctor's degree

Northeastern University, Shenyang

2005.9-2008.2, materials processing and engineering, graduated with a Master's degree

## Job Experience

- 2011.12-2013.3 worked at Intel semiconductor (Dalian) limited company as a process engineer; the major duties are as follows:
  1. Control the process flow and troubleshoot water, gas and electrical issues occurred on the tool, component replacement according to the spec;
  2. Tweak gas flow rate sometimes to improve line yield and lower the cost of our module;
  3. SPC maintenance of the process tools.
- 2009.1-2011.3 In charge of maintenance and management of 1kW laser welding tool, and its welding assignment; meanwhile, designed the laser welding head, which improved the welding efficiency significantly.

## Scholarship and award

- Dec. 2009, awarded one of the two "Outstanding Graduate students" in Dalian University of Technology
- Oct. 2010, awarded the prize of "Zhangjiagang Shenghui" scholarship (the only doctor awarded the prize)

## Academic Achievements

1. **Xiao-dong Qi**, Li-ming Liu, Fusion welding of Fe-added lap joints between AZ31B magnesium alloy and 6061 aluminum alloy by hybrid laser-tungsten inert gas welding technique", , Materials and Design, 2012, 33, 436-443. (IF: 1.5)
2. **Xiaodong Qi**, Liming Liu. Investigation on welding mechanism and interlayer selection of magnesium/steel lap joint. Welding Journal,2011, 1,1-s,7-s. (IF: 0.43)
3. **Xiaodong Qi**, Gang Song. Interfacial structure of the joints between magnesium alloy and mild steel with nickel as interlayer by hybrid laser-TIG welding. Materials & Design, 2010, 31(1): 605-609. Impact factor (IF: 1.5)
4. **Xiaodong Qi**, Liming Liu. Comparative study on characteristics of hybrid laser-TIG welded AZ61/Q235 lap joints with and without interlayers. Journal of Materials Science, 2010, 45(14): 3912-3920. (IF: 1.5)
5. Liming Liu, **Xiaodong Qi**. Effects of copper addition on microstructure and strength of the hybrid laser-TIG welded joints between magnesium alloy and mild steel. Journal of Materials Science, 2009,

44(21): 5725–5731. (IF: 1.5)

6. Liming Liu, **Xiaodong Qi**, Wu Zhonghui. Microstructural characteristics of lap joint between magnesium alloy and mild steel with and without the addition of Sn element. *Materials Letters*, 2010, 64(1): 89-92. (IF: 1.9)
7. Liming Liu, **Xiaodong Qi**. Strengthening effect of nickel and copper interlayers on hybrid laser-TIG welded joints between magnesium alloy and mild steel. *Materials & Design*, 2010, 31(8): 3960-3693. (IF: 1.5)

The above papers are related to the effect of addition of alloy elements on joint many mechanical properties, such as strength, hardness and etc..