

[网站首页](#)
[学科领域](#)
[导师信息](#)
[全日制招生](#)
[在职招生](#)
[港澳台招生](#)

## 中国计量学院硕士生导师信息表

### 基本信息

|       |               |        |         |        |                |
|-------|---------------|--------|---------|--------|----------------|
| 姓名:   | 钱丽娟           | 性别:    | 女       | 学位:    | 博士             |
| 职称:   | 副教授           | 一级学科:  | 控制科学与工程 | 二级学科:  | 控制理论与控制工程      |
| 二级学院: | 机电工程学院        | 一级学科2: |         | 二级学科2: |                |
| 研究方向: | 多相流, 数值模拟, 雾化 |        |         | 办公地点:  |                |
| 办公电话: | 0571-86914554 | 移动电话:  |         | Email: | mecqlj@126.com |

### 在研课题

1. 主持国家自然科学基金青年基金(11002136):  
雾化射流场中粒子运动和传热特性的数值模拟研究
2. 主持浙江省自然科学基金(Y6100427):  
高新材料制备中雾化射流技术的研究
3. 主要参与国家科技部重大基础研究前期研究专项资助项目(2005CCA06900):  
基于小孔射流的黏胶 雾化理论及其均匀性分析

### 获奖情况

### 近期发表的主要成果

1. Qian Lijuan, Lin Jianzhong, Xiong Hongbing, Numerical Modeling in Radio Frequency Suspension Plasma Spray of Zirconia Powders. Plasma Chem. Plasma Process., 2010, 30, 733-760. (SCI 收录, TOP期刊)
2. Qian Lijuan, Lin Jianzhong, Xiong Hongbing, A Fitting formula for predicting droplet mean diameter for various liquid in effervescent atomization spray, Journal of Thermal Spray Technology, 2010, 19(3), 586-601 (SCI, EI 收录)
3. Qian Lijuan, Lin Jianzhong, Xiong Hongbing, Modeling of non-Newtonian suspension plasma spraying in an inductive coupled plasma torch. International Journal of Thermal Sciences, 2011, 50, 1417-1427. (SCI, EI 收录)
4. Qian Lijuan, Lin Jianzhong, Xiong Hongbing, Simulation of droplet-gas flow in the effervescent atomization spray with an impinging plate, Chinese Journal of Chemical Engineering, 2009, 17(1), 8-19. (SCI, EI 收录)
5. Qian Lijuan, Lin Jianzhong, Xiong Hongbing, Chan Tat Leung, Theoretical Investigation of the Influence of Liquid

Physical Properties on Effervescent Atomization Performance. ASME. Journal of Fluids Engineering, 2011,133, 101205  
(SCI, EI 收录)

6. Qian Lijuan, Lin Jianzhong. Modeling on effervescent atomization: A review. Science China Physics, Mechanics & Astronomy, 2011, DOI: 10.1007/s11433-011-4536-1 (SCI 收录)

7. Lin Jianzhong, Qian Lijuan, Xiong Hongbing, Relationship between deposition properties and operating parameters of droplet onto surface in the atomization impinging spray, Powder Technology, 2009,191(3), 340-348. (SCI, EI 收录)

8. Lin Jianzhong, Qian Lijuan, Xiong Hongbing, Chan Tat Leung, Effects of operating conditions on droplet deposition onto surface of atomization impinging spray, Surface and Coatings Technology, 2009, 203 (12), 1733-1740. (SCI, EI 收录, TOP期刊)

9. Qian Lijuan, Xiong Hongbing, Lin Jianzhong, Effects of liquid properties on drop mean diameter in effervescent atomization spray, Journal of Engineering Thermophysics, 2008, 29,246-250. (EI 收录)

10. Qian Lijuan, Xiong Hongbing, Lin Jianzhong, The simulation of droplet size distribution in turbulence atomization jet, Journal of Engineering Thermophysics, 2007, 28(2), 251-254. (EI收录, “陈学俊”优秀论文奖)

---

### 主持完成的科研项目

---

---

### 个人简历

---

2000.9~2004.6 浙江大学, 机械与能源工程学院 机械设计专业 (本科)

2005.9~2010.6 浙江大学, 航空航天学院;流体力学专业 (硕博连读)