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简历:

张兆华, 男, 于2004年毕业于清华大学并获博士学位。中国电子学会会员, 中国微米纳米技术学会高级会员, 美国电气和电子工程师协会会员。目前主要从事微传感器及自供能系统研究, 包括微纳电子机械系统及微纳传感器相关技术、汽车电子、生物医学相关技术研究。

研究方向:

专家类别:

副研究员

职务:

社会任职:

承担科研项目情况:

获奖及荣誉:

代表论著:

- 1) **Zhaohua Zhang**, Ruirui Han, Bo Pang, Li Yuan and Tianling Ren, Simulation Methods of Piezoresistive Pressure Sensors in order to Improve Consistency, Modern Physics Letters B Vol. 27, No. 2, 2013, 1350011
- 2) **Zhaohua Zhang**, Tianling Ren, Yanhong Zhang, Ruirui Han and Bo Pang, Low power and high sensitivity MOSFET-Based Pressure Sensor, Chinese Physics Letters, vol. 29, no. 8, 2012, 088501
- 3) Ruirui Han, **Zhaohua Zhang**, Tianling Ren and Huiwang Lin, Research for Piezoresistive Pressure Sensors: Methods to Reduce the Influence of Processing Deviation on Sensitivity and Improve Product Consistency, IEEE Sensors 2011, Limerick, Ireland, p573-576
- 4) Tao Chen, **Zhaohua Zhang**, Tianling Ren and Litian Liu, A novel dual-functional MEMS sensor integrating both pressure and temperature units, Journal of Semiconductors, vol. 31, no. 7, 2010, 074013
- 5) Jian Zhang, **Zhaohua Zhang**, Tao Chen and Litian Liu, A tire pressure monitoring system based on MEMS sensor, 2nd International Conference of Chinese Society of Micro-Nano Technology, Oct. 2010, Xi'an, P370-373
- 6) Xiaomu Wang, **Zhaohua Zhang** and Litian Liu, Amplifier High Linearization Method Based on Offset Cancellation Technique, ISIE2009, Korea, p593-596
- 7) Xiaomu Wang, Changjian Zhou, **Zhaohua Zhang** and Litian Liu, Optimal RF IC design Based on Fuzzy Genetic Algorithm IEEE Asia Pacific Conference on Postgraduate Research in Microelectronics and Electronics, 19-21 Sep. 2009 P: 229-232
- 8) **Zhaohua Zhang**, Yanhong Zhang and Litian Liu, A Novel MEMS pressure sensor with MOSTET on chip, IEEE Sensors 2008, Italy, p1564-1567
- 9) Xiaomu Wang, **Zhaohua Zhang** and Litian Liu, A novel optimization methodology based on genetic algorithm for gain-boosted OPAM,

- 10) Yanhong Zhang, Chen Yang, **Zhaohua Zhang**, Litian Liu and Tianling Ren, A Novel Pressure Microsensor with 30 μ m-Thick Diaphragm and Meander-Shaped Piezoresistors Partially-Distributed on High-Stress Bulk Silicon Region, IEEE Sensor Journal, vol. 7, no. 12, 2007, p1742-1748