

## 教授

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## 教授



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## 详细描述

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2001年6月-2004年11月 香港理工大学应用物理工系 研究员；研究方向：电子陶瓷元器件可靠性的研究

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2 主持广东省教育厅产学研结合项目：氧化锌多层次压敏片式元件产业化

3 主持湖北省自然科学基金杰出青年计划项目：电子陶瓷元器件失效机理与可靠性研究

4 留学回国人员启动基金项目：弛豫铁电材料氢致失效机理研究

## 主要发表文章

1. W. C. You, W. P. Chen, W. Xiang, B. R. Li, and H. M. Zhou, "Water-Induced Degradation in BaTiO<sub>3</sub>-Based Barrier Layer Ceramic Capacitors," Journal of Electroceramics, in press.

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2. W. P. Chen, Z. J. Shen, S. S. Guo, K. Zhu, J. Q. Qi, Y. Wang, H. L. W. Chan, A strong correlation of crystal structure and Curie point of barium titanate ceramics with Ba/Ti ratio of precursor composition, Physica B, in press.

3. W. P. Chen, X. F. Zhu, Z. J. Shen, et al., Effects of electrochemical hydrogen charging on electrical properties of WO<sub>3</sub> ceramics, JOURNAL OF MATERIALS SCIENCE 42 (7): 2524-2527 APR 20074. Z. J. Shen, W. P. Chen, G. L. Yuan, et al., Hydrogen-induced degradation in multiferroic BiFeO<sub>3</sub> ceramics, MATERIALS LETTERS 61 (22): 4354-4357 SEP 20075. J. Q. Sun, W. P. Chen, W. C. You, Y. Zhuang and H. L. W. Chan, "Degradation of SrTiO<sub>3</sub>-based ceramic varistors induced by water and AC voltages," Ceramics International 33 (2007) 1137-1140. (Corresponding author)

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