

部分开放性研究型实验学生的发表物目录，红字标出的为学生。

(1) Thick MgB<sub>2</sub> film with (101) oriented-crystals,

Chinping Chen, Xin-feng Wang, Ying Lü, Zhang Jia, Jing-pu Guo, Xiao-nan Wang, Meng Zhu, Xiang-yu Xu, Jun Xu, Qing-rong Feng,\*  
Physica C **416** (2004) 90 – 94. Cond-mat/0406325.

(2) MgB<sub>2</sub> thick film grown on stainless steel substrate with ductility,

Qing-rong Feng, Chinping Chen, , Ying Lü, Zhang Jia, Jing-pu Guo, Xiao-nan Wang, Meng Zhu, and Yong-zhong Wang,  
Proceedings of SPIE Vol. **5774** (SPIE, Bellingham, WA, 2004) 275 – 278.

(3) Coating thick MgB<sub>2</sub> layer on stainless steel substrate

Chinping Chen, Qing-rong Feng\*, Zi-zhao Gan, Yu-fei Liu, Ling-wen Kong, Lin Li, Zhang Jia, Jing-pu Guo, Cheng-gang Zhuang, Li-li Ding, Li-ping Chen, Fen Li, Kai-cheng Zhang, Ju Xu, Chinese Science Bulletin, Vol. 50 No. 7, (April 2005 ) 719.

(4) Properties of MgB<sub>2</sub> thick film on silicon carbide substrate,

Fen Li, Tao Guo, Kai-cheng Zhang, Li-ping Chen, Chinping Chen and Qing-rong Feng\*,  
*Supercond. Sci. Technol.*, **19** (2006) 1073–1075.

(5) MgB<sub>2</sub> superconducting films fabricated on Copper substrate by hybrid physical-chemical vapour deposition,

Fen Li, Tao Guo, Kai-cheng Zhang, Chinping Chen and Qing-rong Feng\*,  
*Materials Science Forum*, Vols. **546–549** (2007) 1919–1922.

(6) MgB<sub>2</sub> thick film grown on silicon carbide substrate by hybrid physical-chemical vapour deposition,

Fen Li, Tao Guo, Kai-cheng Zhang, Li-ping Chen, Chinping Chen and Qing-rong Feng\*,  
*Materials Science Forum*, Vols. **546–549** (2007) 2067–2070.

(7) Thick polycrystalline MgB<sub>2</sub> film on Cu substrate by hybrid physical-chemical vapour deposition,

Fen Li, Tao Guo, Kai-cheng Zhang, Chinping Chen and Qing-rong Feng\*,  
*Supercond. Sci. Technol.* **19** (2006) 1196–1199.

(8) Progress in depositing MgB<sub>2</sub> films on Stainless Steel Substrate,

Fen Li, Tao Guo, Kaicheng Zhang, Chinping Chen and Qing-rong Feng\*,  
Physica C, 452 (2007) 6–10.

(9) The MgB<sub>2</sub> thick films deposited on Stainless Steel Substrate with  $T_c$  higher than 39 K,

LI Fen, GUO Tao, ZHANG Kai-cheng, CHEN Chin-ping, FENG Qing-rong\*,  
Frontiers of Physics in China Vol. 1, No. 4 (2006) :1–3.

(10) 混合物理化学气相沉积法 (HPCVD) 制备的 MgB<sub>2</sub>超导厚膜样品的成分分析

贾璋, 郭荆璞, 吕莹, 王新峰, 陈晋平, 徐军, 王晓楠, 朱萌, 冯庆荣\*,  
低温物理学报第 27 卷第 1 期 (2005) 46 – 51。

(11) 不锈钢衬底 MgB<sub>2</sub>厚膜韧性的研究

陈莉萍, 丁莉莉, 庄承钢, 张开诚, 陈晋平, 徐军, 安玲, 闫昌硕, 熊光成, 冯庆荣\*,  
低温物理学报, 28(1) (2006) 31–35.

(12) Effect of nanometer-sized B powder on phase formation of polycrystalline MgB<sub>2</sub>

Ling An, Chinping Chen, Bo Wang, Cheng-gang Zhuang, Xing-guo Li, Zeng-jun Zhou, and Qing-rong Feng\*  
北京大学学报 (自然科学版), **42**(3) (2006) 361–365.

(13) Progress in depositing MgB<sub>2</sub> films on stainless steel substrate,

LI Fen, GUO Tao, ZHANG Kai-cheng, CHEN Chin-ping, FENG Qing-rong\*

Physica C 452 (2007) 6–10.

(14) A study on the components of MgB<sub>2</sub> thick film prepared via HPCVD

JIA Zhang, GUO Jing-pu, LU Ying, WANG Xin-feng, CHEN Chin-ping, XU Jun, WANG Xiao-nan, ZHU Men, FENG Qing-rong\*

Front. Phys. China 1, (2006) 117–121.

(15) MgB<sub>2</sub> thick film deposited on stainless steel substrate with T<sub>c</sub> higher than 39K

LI Fen, GUO Tao, ZHANG Kai-cheng, CHEN Chin-ping, FENG Qing-rong\*

Front. Phys. China 4, (2006) 446–448.

(16) 初探混合物理化学气相沉积法 (HPCVD) 制备不锈钢衬底 MgB<sub>2</sub> 超导厚膜样品

王新峰, 郭荆璞, 贾璋, 吕莹, 朱萌, 王晓楠, 陈晋平, 徐军, 冯庆荣\*,

低温物理学报, 第 26 卷第 4 期 (2004) 344 –349。

(17) 大范围厚度对 MgB<sub>2</sub> 超导薄膜性质的影响\*

庄承钢, 丁莉莉, 陈莉萍, 姚丹, 张开成, 陈晋平, 贾璋, 冯庆荣\*\*, 甘子钊

低温物理学报已经接受待发表。

(18) 镁粉颗粒度对制备 MgB<sub>2</sub> 超导样品成相温度的影响

郭涛, 刘肖先, 冯庆荣\*

低温物理学报已经接受待发表。

(19) Mg、B 配比对 MgB<sub>2</sub> 材料的影响

戴昱, 练子琪, 王晨, 冯庆荣\*

低温物理学报已经接受待发表。

(20) Study on the formation of MgB<sub>2</sub> phase

Qing-rong Feng, Chinping Chen, , Jun Xu, Ling-wen Kong, Xin Chen, Yong-zhong Wang, Zheng-xiang Gao,

Physica C 411 (2004) 41 – 46.

(21) Phase formation of polycrystalline MgB<sub>2</sub> at low temperature using nanometer Mg powder

Chinping Chen, Zeng-jun Zhou, Xing-guo Li, Jun Xu, Yu-hao Wang, Zheng-xiang Gao, Qing-rong Feng\*,

Solid State Communications 131 (2004) 275 – 278.

(22) In-situ resistance measurement of superconducting MgB<sub>2</sub> in flowing argon atmosphere

Qing-rong Feng, Xun Chen, Yu-hao Wang, Xin Wang, Guang-cheng Xiong, Zheng-xiang Gao,

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Qing-rong Feng, Xin Wang, xin-jie Wang, Guang-cheng Xiong,

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Wei Liu, Junwei Huang, Yongzhong Wang, Xin Wang, Qingrong Feng, Shousheng Yan,

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(25) MgB<sub>2</sub>超导体正常态热电势的研究

刘伟, 管炜, 黄钧伟, 冯庆荣, 王昕, 阎守胜,

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(26) 纳米镁粉对制备 MgB<sub>2</sub>超导样品的作用

冯庆荣, 陈晋平, 徐军, 王宇昊, 陈鑫,

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(27) 750℃和 850℃下 MgB<sub>2</sub>纤维超导体的制备及性能研究

冯庆荣, 曹科, 徐军, 郭建栋, 王昕, 熊光成, 高政祥, 徐洪清, 余冬玲, 蔡杉, 李占一, 董妍,

低温物理学报, 第 24 卷第 2 期 (2002) 96 – 101。

(28) Study of the behavior of the  $\rho$ -T curve of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>y</sub> during synthesis in ambient air,

Qing-rong Feng, Xin-jie Wang, and Ke Cao

Physica C 390 (2003) 151.

(29) Resistivity-temperature characteristics of sol-gel YBa<sub>2</sub>Cu<sub>3</sub>O<sub>y</sub> sample synthesized in flowing oxygen atmosphere

Zhou Zeng-jun, Zhou Zuo-wei, Zhou Lian-yu, Lin Li, Li Xing-guo, and Feng Qing-rong\*,

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