



所内邮箱

用户名:

密码:

所长信箱 | 纪检信箱

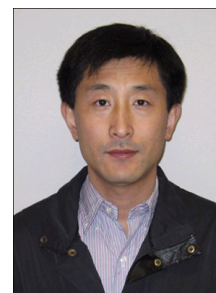
人才队伍

- 院士专家
- 名誉教授和客座教授
- 百人计划
- 杰出青年
- 研究员
- 博士后流动站
- 人才招聘



现在位置: 首页 > 人才队伍 > 科研骨干

姓名:	牛忠伟	性别:	男
职务:	无	职称:	研究员
学历:	博士毕业	通讯地址:	北京市中关村北一条2号
电话:	82543429	邮政编码:	100190
传真:	无	电子邮件:	niu@mail.ipc.ac.cn
主页:	无		



简历:

牛忠伟, 男, 1974年5月生, 2003年中国科学院化学研究所高分子物理与化学专业获博士学位。曾荣获中国科学院首届50篇优秀博士论文、中国科学院院长奖学金等奖励。2004-2005年在比利时鲁汶大学从事博士后研究。2005-2009年美国南卡罗莱纳大学化学与生物化学系进行博士后研究。在Angew Chem, Nano Lett, Adv Funct Mater等杂志上发表SCI论文40多篇, 他引800多次。现任中国科学院理化技术研究所研究员。

研究领域:

1. 生物纳米粒子的可控组装、功能及其应用;
2. 生物医用功能高分子材料;
3. 电纺丝技术制备生物纳米材料;
4. 纳微结构对细胞行为的调控

社会任职:

获奖及荣誉:

代表论著:

1. Niu, Z.; He, J.; Russell, T. P.; Wang, Q.; "Synthesis of nano/micro structure at interfaces", *Angew. Chem. Int. Ed.* **2010**, *49*, 10052-10066.
2. Lin, Y.; Su, Z.; Balizan, E.; Niu, Z.*; Wang, Q.* "Controlled assembly of protein in glass capillary", *Langmuir*, **2010**, *26*, 12803-12809.
3. Michael A. Bruckman, M. A.; Liu, J.; Koley, G.; Li, Y.; Benicewicz, B.; Niu, Z.*; Wang, Q.*; "Tobacco mosaic virus based thin film sensor for detection of volatile organic compounds", *J. Mater. Chem.*, **2010**, *20*, 5715-5719.
4. Lin, Y.; Balizan, E.; L. A. Lee; Niu, Z.*; Wang, Q.*; "Self-assembly of rod-like bionanoparticles in capillary tube", *Angew. Chem. Int. Ed.* **2010**, *49*, 868-872. (Highlighted as the Frontispiece cover).
5. Rong, J.; Oberbeck, F.; Wang, X.; Li, X.; Oxsher, J.; Niu, Z.*; Wang, Q.*; "Tobacco mosaic virus templated synthesis of one dimensional inorganic/polymer hybrid fibres", *J. Mater. Chem.* **2009**, *21*, 2841-2845.

6. Niu, Z.; Kabisatpathy, S.; He, J.; Lee, L. A.; Rong, J.; Yang, L.; Sikha, G.; Popov, B. N.; Emrick, T. S.; Russell, T. P.; Wang, Q.* Synthesis and characterization of bionanoparticle-silica composites and mesoporous silica with large pores”, *Nano Research*, **2009**, *2*, 474-483.
7. Rong, J.; Lee, L. A.; Li, K.; Harp, B.; Mello, C. M.; Niu, Z.*; Wang, Q.*; “Oriented cells growth on self-assembled bacteriophage M13 thin films”, *Chem. Commun.* **2008**, 5185-5187.
8. Niu, Z.; Bruckman, M. A.; Harp, B.; Mello, C. M.; Wang, Q.* , “Bacteriophage M13 as scaffold for preparing conductive polymeric composite fibers”, *Nano Research*, **2008**, *1*, 235-241.
9. Niu, Z.; Liu, J.; Lee, L. A.; Bruckman, M. A.; Zhao, D.; Koley, G.*; Wang, Q.*, “Biological templated synthesis of water-soluble conductive polymeric nanowires”, *Nano Lett.* **2007**, *7*, 3729-3733.
10. Niu, Z.; Bruckman, M. A.; Li, S.; Lee, L. A.; Lee, B.; Pingali, S. V.; Thiyagarajan, P.; Wang, Q.*, “Assembly of tobacco mosaic virus into fibrous and macroscopic bundled arrays by aniline polymerization on its surface”, *Langmuir* **2007**, *23*, 6719-6724.
11. Niu, Z.; Bruckman, M.; Kotakadi, V.S.; He, J.; Emrick, T.; Russell, T.P.; Yang, L.; Wang, Q.*, “Study and characterization of tobacco mosaic virus head-to-tail assembly assisted by aniline polymerization”, *Chem. Commun.* **2006**, 3019-3021.
12. Niu, Z.; Yang, Z.*; Hu, Z.; Lu, Y.*; Han, C. C., “Polyaniline-silica composite conductive capsules and hollow spheres”, *Adv. Funct. Mater.* **2003**, *13*, 949-954.
13. Yang, Z.*; Niu, Z.; Lu, Y.; Hu, Z.; Han, C. C., Templated synthesis of inorganic hollow spheres with a tunable cavity size onto core-shell gel particles, *Angew. Chem. Int. Ed.* **2003**, *42*, 1943-1945.
14. Yang, Z.; Niu, Z.; Cao, X.; Yang, Z.*; Lu, Y.; Hu, Z.; Han, C. C., Template synthesis of uniform 1D mesostructured silica materials and their arrays in anodic alumina membranes, *Angew. Chem. Int. Ed.* **2003**, *42*, 4201-4203.
15. Yang, Z.*; Niu, Z., Binary hydrogel nanowires of invertible core/shell phases prepared in porous alumina membranes, *Chem. Commun.* **2002**, 1972-1973.

承担科研项目情况：



版权所有：中国科学院理化技术研究所 Copyright © 2002-2008

地址：中国·北京 京ICP备05002791号