基本信息

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教育背景

1998.09-2003.06	伦敦大学，化学专业，哲学博士
1989.09-1992.04	北京理工大学，应用化学专业，工学硕士
1983.09-1987.07	安徽师范大学，化学专业，学士

工作履历

2003.07-至今	北京理工大学化学与化工学院，教授
1992.04-1998.08	北京理工大学化工与材料学院，副教授

研究方向

1.	**化学储能，**化学储热是一个新兴的研究领域，是社会需求的新型能源技术。利用可逆热化学反应，储存和释放热能；可以储存太阳能、余热、谷电和工业废热等热能，再在需要的时间和地点释放出热能。化学储热的优点包括储热时间长，几乎无热能损失，储能密度是熔盐的数倍。能够克服熔盐储热的技术瓶颈。比如利用氢氧化钙和碳酸钙的脱水和分解反应完成储热，其逆反应完成放热。需要解决的问题为储放热速率和储放可逆循环性能的增强。
2.	**新型病毒抑制剂的分子设计与活性研究，**主要是核苷类和杂环化合物的分子设计、合成和抗病毒活性研究。病毒包括疱疹病毒和丙型肝炎病毒，抗病毒活性评价由国内和国外合作伙伴完成。
3.	
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3.	Lin-lin Zhang, Zhi-bin Xu, Qin-pei Wu* Regioselective Synthesis of Diverse Thio-, Seleno-substituted 1,2,3-Triazoles, *Current Organic Chemistry*, **2019,** *23*, 2466-2488.
4.	Lin-Lin Zhang, Ya-Ting Li, Ting Gao, Sha-Sha Guo, Bei Yang, Zi-Hui Meng, Qi-Pu Dai, Zhi-Bin Xu* , Qin-Pei Wu* ,Efficient Synthesis of Diverse 5-Thio- or 5-Selenotriazoles: One-Pot Multicomponent Reaction from Elemental Sulfur or Selenium, *Synthesis*, **2019**, 51, 4170-4182.
5.	Wei-yuan Yuan, Xue Chen, Ning-ning Liu, Yi-ning Wen, Bei Yang, Graciela Andrei, Robert Snoeck, Yu-hong Xiang, Yong-wei Wu, Zhen Jiang, Dominique Schols, Zhuo-yong Zhang and Qin-pei Wu,* Synthesis, Anti-Varicella-Zoster Virus and Anti-Cytomegalovirus Activity of 4,5-Disubstituted 1,2,3-(1*H*)-Triazoles, *Med. Chem.* **2019,** *15*, 801-812.
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