



### 个人简介:

王凤勤，女，山东省沂南县人，理学博士，副教授。

主要学习和工作经历:

### 工作及教育经历:

2007-至今，天津工业大学环化学院工作

2007年，毕业于北京师范大学化学学院，获理学博士学位

2000年-2004年，曲阜师范大学化学学院工作

2000年，毕业于曲阜师范大学化学学院，获理学硕士学位

### 研究方向:

1. 有机小分子的合成
2. 多功能金属有机骨架材料的设计
3. 环境污染物的检测与监控（包括有机小分子及其重金属离子的检测）
4. 有机染料废水处理

### 获奖与社会兼职:

1. 指导研究生获得 2015 年天津工业大学优秀毕业论文
2. 指导本学生获得 2009 年天津市大学生“挑战杯”竞赛一等奖
3. 指导本学生获得 2015 年天津市大学生“挑战杯”竞赛二等奖。
4. 指导学生成功申报了 2013 年国家大学生创新创业训练项目

### 主持及参加的科研项目:

1. 省部共建分离膜与过程国家重点实验室自主课题 用于苯胺类污染物检测的荧光传感膜的构筑研究 22-201550 2015.8-2017.8 3万 在研
2. 广东永佳医药有限公司 LMOFs 在有机染料废水处理中的应用研究，

2015-12, 2015.1-2016.12、3万 在研

3. 吉林大学无机合成与制备化学国家重点实验室开放课题 钙钛矿型复合氧化物中空微纳颗粒的可控合成 (No. 2015-02) 2015/1-2016/12 7万, 在研

4. 天津市自然科学基金重点项目, 10JCZDJC21500、具有光致发光性能的钙钛矿结构中空纳米颗粒、2010/04-2013/03、20万元、已结题。

5. 国家自然科学基金青年基金项目, 50503024、新型超支化光电功能高分子的设计合成及性质研究、2006/01-2008/12、25万元、已结题。

6. 国家自然科学基金青年基金项目, 20501003、功能、高维、微孔镧系金属配位聚合物的构筑、结构和性质、2006/01 -2008/12、25万元、已结题。

#### 代表性学术论文:

1. **Feng-Qin Wang\***, Cheng-Miao Wang, Zong-Chao Yu, Ke-Heng Xu, Xiu-Yu Li, Yi-Yuan Fu, Two multifunctional Mn(II) metal-organic frameworks: Synthesis, structures and applications as photocatalysis and luminescent sensor, **Polyhedron**, 2016,105,49-55.
2. **Feng-Qin Wang\***, Cheng-Miao Wang, Zong-Chao Yu, Qing-Guo He, Xiu-Yu Li, Chong-Long Shang, Yong-Nan Zhao, Two Luminescent Metal-Organic Frameworks with Multifunctional Properties for Nitroaromatic Compounds Sensing and Photocatalysis. **RSC Adv.**, 2015, 5, 70086-70093.
3. **Feng-Qin Wang \***, Cai-Fu Dong, Cheng-Miao Wang, Zong-Chao Yu, Shu-Kun Guo, Ze-Chuan Wang, Yong-Nan Zhao, Guo-Dong Li, Fluorescence Detection of Aromatic Amines and Photocatalytic Degradation of Rhodamine B under UV light irradiation by Luminescent Metal-Organic Frameworks, **New. J. Chem.** 39, 4437, 2015.
4. Zong-Chao Yu, **Feng-Qin Wang\***, Xiang-Yi Lin, Cheng-Miao Wang, Yi-Yuan Fu, Xiao-Jun Wang, Yong-Nan Zhao, Guo-Dong Li, Selective Fluorescent Sensors for Detection of Nitroaniline and Metal Ions Based on Zn (II)-Based Metal-Organic Frameworks. **J. Solid. Chem.**, 2015, 232, 96-101.
5. Cheng-Miao Wang, **Feng-Qin Wang \***, Cai-Fu Dong, Zong-Chao Yu, Ze-Chuan Wang, Yong-Nan Zhao, Guo-Dong Li, UV-Light-Driven Photocatalysts of

- Metal-Organic Frameworks Based on Acylamide-Inserted Multi-Carboxylic Acid. **Z. Anorg. Allg. Chem.** 641, 1125, 2015.
6. **Feng-Qin Wang\***, Cai-Fu Dong, Ze-Chuan Wang, Ya-Ru Cui, Cheng-Miao Wang, Yong-Nan Zhao, Guo-Dong Li, Fluorescence Detection of Anilines and Photocatalytic Degradation of Rhodamine B by a Multifunctional Metal-Organic Framework **Eur. J. Inorg. Chem.** 6239, 2014.
  7. Cai-Fu Dong, Ya-Ru Cui, Ze-Chuan Wang, **Feng-Qin Wang\***, Yong-Nan Zhao, Syntheses, Structures and Properties of 4'-(3-Methoxy-4-Hydroxyphenyl)-2,2':6',2''-Terpyridine together with Copper and Zinc Complexes **Chin. J. Inorg. Chem.** 30, 2796, 2014.
  8. **Feng-Qin Wang**, Wei-Hua Mu, Xiang-Jun Zheng, Li-Cun Li, De-Cai Fang, Lin-Pei Jin\*, Hydrothermal reaction of Cu(II)/pyrazine-2,3,5-tricarboxylic acid and characterization of the copper(II) complexes **Inorg. Chem.**, 47, 5225-5233, **2008**.
  9. **Feng-Qin Wang**, Xiang-Jun Zheng, Yong-Hong Wan, Chang-Yan Sun, Zhe-Ming Wang, Ke-Zhi Wang, Lin-Pei Jin\*, Novel 3D Ln(III)-Cu(I) supramolecular architecture based on 2D MOF with (6,3) topology, **Inorg. Chem.**, 46, 2956-2958, **2007**.
  10. **Feng-Qin Wang\***, Ming-Lin Guo, Shu Lin, Jun-Jian Xu, Xiao-Qing Wang, Yong-Nan Zhao, Influence of Preparation Condition on the Formation Of Copper(II) Architecture With Pyrazine-2,3,5-tricarboxylic Acid **Bull. Korean Chem. Soc.**, 32, 2351-2357, **2011**.
  11. **Feng-Qin Wang**, Xiang-Jun Zheng, Yong-Hong Wan, Ke-Zhi Wang, Lin-Pei Jin, "Architecture of 0D, 1D, 2D and 3D metal-organic frameworks based on coordination modes of pyrazine-2,6-dicarboxylic acid" **Polyhedron**, 2008, 27, 717-726.
  12. **Feng-Qin Wang**, Dan-Feng Weng, Xiang-Jun Zheng, Jian-Jun Zhang, Hui Ma, Lin-Pei Jin, "3D supramolecular network structure and thermal decomposition of

- two new copper(II) complexes with pyrazine-2,6-dicarboxylic acid” *Inorg. Chim. Acta.*, 2007, 360, 2029-2038。
13. **Feng-Qin Wang**, Wen-Juan Zhuang, Lin-Pei Jin, “Self-assembly and structure of three.Zn(II) complexes with pyrazine-2,6-dicarboxylic acid” *J. Mol. Struct.*, 2007, 832, 48-54.
  14. **Feng-Qin Wang**, Xiang-Jun Zheng, Yong-Hong Wan, Ke-Zhi Wang, Lin-Pei Jin, “Effect of terminal ligands on assembly of manganese(II) complexes with pyrazine-2,6-dicarboxylic acid” *J. Mol. Struct.*, 2006, 798, 155-161.
  15. **Feng-Qin Wang\***, Xiang-Jun Zheng, Yu-Xi Sun, “A novel zinc(II) supramolecular complex with open 2D channels” *Bull. Korean Chem. Soc.*, 2009, 30, 264-266.
  16. **Feng-Qin Wang\***, Fan-Li Lu, Bin Wei, Yong-Nan Zhao, “Poly[[di-mu-aqua-tetraquadi-mu-hydroxido-bis(mu(3)-3-nitrophthalato)tricopper(II)] dihydrate] *Acta Cryst.* (2009). C65, m42–m44.
  17. **Feng-Qin Wang\***, Yu-Xi Sun, Yong-Nan Zhao, Shi-ZhenWu, “A New Lanthanide Coordination Polymer of Pyrazine-2,6-dicarboxylic Acid: Synthesis, Crystal Structure and Thermal Property” *Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry* 2009, 39, 225–229.。
  18. Yong-Hong Wan, Xiang-Jun Zheng, **Feng-Qin Wang**, Xiao-Bo Zhou, Ke-Zhi Wang, Lin-Pei Jin, “Water cluster supported architecture of lanthanide coordination polymers with pyrazinetricarboxylic acid” *CrystEngComm.* 2009, 11, 278–283.
  19. **Feng-Qin Wang\***, Yuan-Fang Zhang, “Aqua(2,2'-bipyridyl)(pyrazine-2,6-dicarboxylato) nickel(II) *Acta Cryst.* (2008). E64, m1480–m1481.

#### 出版著作:

参与编写了《无机化学》、《普通化学》和《无机化学实验》等教材。