个人简介：

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技术职务：副教授　　专业及学历：博士

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工作及教育经历：

2007/7 –至今，天津工业大学，化学与化工学院，副教授

2004/9 - 2007/7，北京师范大学，无机化学，博士，导师：金林培

2000/7 - 2007/7　曲阜师范大学，化学学院，讲师

1997/9 - 2000/7，曲阜师范大学，有机化学，硕士，导师：赵斌

研究方向：

1. 多功能性荧光传感材料的设计合成

2. 传感材料对环境污染物的荧光传感性能研究及在环境污染物检测中的应用

3. MOFs 的设计合成及光催化性能研究

获奖与社会兼职：

1. 指导学生在 2009 年，2015 年，2017 年天津市大学生“挑战杯”竞赛中分别获得一等奖和二等奖，荣获“优秀指导教师”称号。

2. 指导研究生多次获得天津工业大学优秀硕士毕业论文和国家奖学金

主持及参加的科研项目：

1. 天津市自然科学基金面上项目 No. 18JCYBJC89100 用于苯胺类污染物检测的多齿配体 LMOFs 荧光传感材料的构筑研究 2018.10-2021.09，10 万，主持

2. 天津市科技特派员项目 No. 18JCTPJC61200 LMOFs 荧光传感材料的构筑及在苯胺类和酚类化合物检测中的应用 2018.10-2019.09，5 万 主持

3. 2018 年学位与研究生教育改革研究项目 在世界一流学科群建设中专业学位研究生的协同培养模式研究 2018.9-2019.9 2 万 主持

4. 省部共建分离膜与膜过程国家重点实验室自主课题，22-201550，用于苯胺类污染物检测的荧光传感膜的构筑研究，2015.08-2017.08，3 万元，已结题，主持

5. 广东永佳医药有限公司委托课题，2015-12，LMOFs 在有机染料废水处理中的应用研究，2015.08-2016.12，3 万元，完成，主持

6. 天津市自然科学基金面上项目，No.14JCYBJC17500，碳基纳米复合材料的原位法制备、微结构调控和储能性能，2014.04-2017.03，10 万元，已结题，参与。

7. 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，参与。

8. 国家自然科学青年基金项目，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，参与。

9. 国家自然科学青年基金项目，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，参与。

代表性学术论文：

1. **Fengqin Wang***，Yanyan Pu, Xuemei Zhang, Fengxiao Zhang, Honglin Cheng, Yongnan Zhao, A series of multifunctional lanthanide metal-organic frameworks for luminescent sensing and photocatalytic applications, ***Journal of Luminescence***, 2019, 206: 192~198.
2. **Feng-Qin Wang***, Ke-Heng Xu, Zheng. Jiang, Tao. Yan, Cheng-Miao Wang, Yan Yan. Pu, Yong-Nan Zhao, A multifunctional zinc-based metal-organic framework for sensing and photocatalytic applications, ***Journal of Luminescence***. 2018, 194: 22–28.
3. **Feng-Qin Wang***, Zong-Chao Yu, Cheng-Miao Wang, Ke-Heng Xu, Jian-Guo Yu, Jian-Xin Zhang, Yi-Yuan Fu, Xiu-Yu Li, Yong-Nan Zhao, A multifunctional metal-organic framework showing excellent fluorescence sensing and sensitization. ***Sensors and Actuators B***, 2017, 239, 688-695.
4. Ke-Heng Xu, **Feng-Qin Wang***, Shuo Huang, Zong-Chao Yu, Jian-Xin Zhang,

Jian-Guo Yu, Hai-Yan Gao, Yi-Yuan Fu, Xiu-Yu Li, Yong-Nan Zhao, Selective fluorescence detection of anilines and Fe^{3+} ions by two lanthanide metal–organic Frameworks, ***RSC Adv***., 2016, 6, 91741-91747.

5. **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.
6. **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.
7. **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.** 2015, 39, 4437– 4444.
8. 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.
9. 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**. 2015, 641, 1125–1129.
10. **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**. 2014, 6239–6245.
11. 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**. 2014, 30, 2796–2802.

12. **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*, 2008**, 47, 5225-5233.
13. **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*., 2007**, 46, 2956-2958.
14. **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.***, **2011**, 32, 2351-2357.
15. **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.
16. **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.
17. **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. Struc***., 2007, 832, 48-54.
18. **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. Struc***., 2006, 798, 155-161.

19. **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.
20. **Feng-Qin Wang***, Fan-Li Lu, Bin Wei, Yong-Nan Zhao,“Poly[[di-mu-aqua-tetraaquadi-mu-hydroxido-bis(mu(3)-3-nitrophthalato)tricopper(II)] dihydrate] ***Acta Cryst.*** (2009). C65, m42–m44.
21. **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.
22. 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.

代表性专利：

1．基于白光发射的双稀土金属有机骨架材料及其制备方法， 国家专利：201811118200.1

2.一种发白光的双稀土金属有机骨架材料在酚类污染物检测中的应用，国家专利 201811121076.4

3.双稀土发光金属有机骨架在酚类化合物检测中的应用，国家专利 201811127203.1

4.基于 2,2’-联吡啶-4,4’-二羧酸构筑的双稀土金属有机骨架的光催化性能研究， 国家专利 201811121076.4

出版著作：

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