



天津医科大学
TIANJIN MEDICAL UNIVERSITY

药学院 School of Pharmacy

首页 学院概况 机构设置 师资队伍 党建工作 学科建设 科学研究 教育教学 学生工作 药实验教学中心 招生招聘 实训基地 学院文件



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研究成果（本人具有代表性的论著、论文及主持的科研项目）								
论著及编著	1.参编 普通高等教育“十一五”国家级规划教材《无机化学》第三版 人民卫生出版社，2015年出版，ISBN978-7-117-20998-4/R.20999。							

论文	<p>1. Xu-Dong Lin, Biao Peng, Shao-Yong Li, Wei-Guo Bao, Qing-Zhong Li, Cheng-Zhi Xie*, Jing-Yuan Xu*. Novel Zn(II)-thiazolone-based Solid Fluorescent Chemosensors: Naked-eye Detection for Acid/Base and Toluene. <i>RSC Adv.</i>, 2016, 6: 52310–52317.</p> <p>2. Xuan-Wen Liu, Rui Guo, He Liu, Ye-Qi Yu, Xi-Wei Qi, Jing-Yuan Xu, Cheng-Zhi Xie*. Two series of novel 3D potentially porous heterometallic Cu–Ln coordination frameworks assembled by 3,4-pyridinedicarboxylic acid with different topologies and channels: syntheses, structures, luminescence and magnetic properties. <i>RSC Adv.</i>, 2015, 5: 15059-15068.</p> <p>3. Xiao-Tong Zhang, Zhong-Ying Ma, Chuan Zhao, Qi-Ji Zhou, Cheng-Zhi Xie*, Jing-Yuan Xu*. Synthesis, crystal structures, DNA binding and cytotoxicity activities of two copper(II) complexes based on unsymmetrical tripodal ligands. <i>J. Coord. Chem.</i>, 2015, 68: 2307–2323.</p> <p>4. Cheng-Zhi Xie, Meng-Meng Sun, Shao-Hua Li., Xiao-Tong Zhang, Xin Qiao, Yan Ouyang, Jing-Yuan Xu. Synthesis, characterization, DNA interaction, cytotoxicity, and apoptosis induction of a mixed-ligand copper(II) complex. <i>J. Coord. Chem.</i>, 2013, 66: 3891–3905.</p> <p>5. Fei Xue, Cheng-Zhi Xie(共同第一作者), Yan-Wen Zhang, Zheng Qiao, Xin Qiao, Jing-Yuan Xu*, Shi-Ping Yan. Two new dicopper(II) complexes with oxamidobridged ligand: Synthesis, crystal structures, DNA binding/cleavage and BSA binding activity. <i>J. Inorg. Biochem.</i>, 2012, 115: 78–86.</p> <p>6. Cheng-Zhi Xie, Qiao-Juan Su, Shao-Hua Li, Jing-Yuan Xu, Li-Ya Wang. A novel helical chainlike nickel(II) coordination polymer containing 1D trigonal channels with water molecule guests. <i>Inorg. Chem. Commun.</i> 2010, 13: 1476-1479.</p> <p>7. Cheng-Zhi Xie, Rong-Fang Li, Li-Ya Wang, Qian-Qian Zhang. Self-assembly and magnetic characterization of two Cu(II) complexes constructed by 2, 2'-bipyridine and 3,5-pyrazoledicarboxylic acid with different structures. <i>Z. Anorg. Allg. Chem.</i> 2010, 636: 657-661.</p> <p>8. Qi-Ji Zhou, Xue-Jun Yao, Lan-Fang Hao, Yan Ouyang, Jing-Yuan Xu*, Cheng-Zhi Xie*, Jian-Shi Lou. 3,5-Pyrazoledicarboxylic acid with different structures synthesis, crystal structure, and magnetic properties of a new 2D copper(II) polymer constructed by 1,5-dicyanamide and sulfonate anion bridge. <i>Z. Anorg. Allg. Chem.</i> 2010, 636: 2487-2491.</p> <p>9. Cheng-Zhi Xie, Yan-Zhao Liu, Qiao-Juan Su, Yan Ouyang, Jing-Yuan Xu. A dinuclear nickel(II) complex with dissimilar bridges: synthesis, crystal structure, and magnetic characterization. <i>J. Coord. Chem.</i> 2010, 63: 801-808.</p> <p>10. Cheng-Zhi Xie, Bao-Feng Zhang, Xiao-Qing Wang, Bin Yu, Ru-Ji Wang, Guang-Qiu Shen, De-Zhong Shen. Hydrothermal syntheses, crystal structures and properties of two novel 3-D lanthanide(III) coordination polymers constructed with mixed heterocyclic carboxylic acid. <i>Z. Anorg. Allg. Chem.</i> 2008, 634, 387-391.</p> <p>11. Cheng-Zhi Xie, Ze-Feng Zhang, Bao-Feng Zhang, Xiao-Qing Wang, Ru-Ji Wang, Guang-Qiu Shen, De-Zhong Shen, Bin Ding. A novel 3D CuI metal-organic framework with middle-size channels despite the six-fold ThSi₂ interpenetrating topological structure. <i>Eur. J. Inorg. Chem.</i> 2006, 6, 1337-1340.</p> <p>12. Cheng-Zhi Xie, Bin Yu, Xiao-Qing Wang, Ru-Ji Wang, Guang-Qiu Shen, De-Zhong Shen. Syntheses and structures of M-Na (M = Zn, Mn) coordination polymers in which ligands and Na ions exhibit complex coordination modes. <i>J. Coord. Chem.</i> 2006, 59, 2005-2014.</p> <p>13. Cheng-Zhi Xie, Bao-Feng Zhang, Xuan-Wen Liu, Xiao-Qing Wang, Hui-Zhong Kou, Guang-Qiu Shen, De-Zhong Shen. Synthesis, crystal structure, and magnetic property of a novel 2D polymer [Co(PDC(4,4-bpy))](CH₃OH). <i>Inorg. Chem. Commun.</i> 2004, 7, 1037-1040.</p> <p>14. Cheng-Zhi Xie, Ze-Feng Zhang, Xiao-Qing Wang, Xuan-Wen Liu, Guang-Qiu Shen, Ru-Ji Wang, De-Zhong Shen. The synthesis and structure of a novel 1D copper(II) weak coordination polymer with 2,6-pyridinedicarboxylic acid. <i>J. Coord. Chem.</i> 2004, 57, 1173-1178.</p> <p>15. Cheng-Zhi Xie, Shi-Ping Yan, Chun-Hui Li, Peng Cheng, Dai-Zheng Liao, Zong-Hui Jiang. Synthesis, structure and properties of {Cu₂(taen)₂[μ-(MeN)₂C₂O₂]}[(MeNH)₂C₂O₂](ClO₄)₂. <i>Acta. Chim. Sinica</i> 2002, 60, 293-297.</p>
科研项目	<p>1. 含硫脲基团氮杂环铂类配合物的抗肿瘤耐药活性研究, 中国博士后科学基金(2014M551036), 5万元, 2014.2-2015.6</p> <p>2. 新型希夫碱类锌离子荧光探针的设计合成及性能研究, 先进能源材料化学教育部重点实验室(南开大学)开放基金, 5万元, 2016.1-2018.12</p> <p>3. 高效核酸提取纳米磁珠合成工艺研究, 横向项目, 10万元, 2017.11-2020.11</p> <p>4. 重金属检测试纸的制备工艺研究, 横向项目, 5万元, 2016.6-2019.6</p>
其他事项	
<p><i>Journal of Inorganic Biochemistry, Biomedicine & Pharmacotherapy, Nanoscience and Nanotechnology Letters, New Journal of Chemistry, Journal of Biomolecular Structure & Dynamics, Inorganic Chemistry Communications, Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry</i> 期刊审稿人。</p>	