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教育背景

2000年9月–2003年7月 南开大学，无机化学专业，博士学位
 1991年9月–1994年7月 天津师范大学，无机化学专业，硕士学位
 1987年9月–1991年7月 天津师范大学，化学专业，学士学位

工作经历

2014年5月–2021年3月 药学院副院长、药学院党委委员
 2010年7月–2011年7月 美国麻省理工学院 (MIT) 化学系，访问教授
 2004年9月–2005年8月 德国李比希大学 (Justus-Liebig-University), DFG 资助，博士后
 2003年10月–2004年9月 法国巴黎十一大学 (University Paris-sub XI) 分子材料研究所，博士后
 2006年10月–至今 天津医科大学药学院，教授、博士生导师
 2001年10月–2006年9月 天津医科大学药学院，副教授
 1996年10月–2001年9月 天津医科大学药学院，讲师
 1994年9月–1996年9月 天津医科大学药学院，助教

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. 《无机化学》(第7版) 人民卫生出版社 2016 ISBN 978-7-117-22036-1, 国家卫计委“十三五”规划教材, 全国高等医药教材建设研究会“十三五”规划教材, 全国高等学校药学类专业第八轮规划教材, 副主编。
2. 《无机化学学习指导与习题集》(第4版) 人民卫生出版社 ISBN 978-7-117-22402-4, 国家卫计委“十三五”规划教材, 全国高等医药教材建设研究会“十三五”规划教材, 全国高等学校药学类专业第八轮规划教材, 参编。
3. 《Activating Unreactive Substrates》WILEY-VCH, 2009年, ISBN 978-3-527-31823-0, 参编。

1. Xue-Qing Song,[†] Rui-Ping Liu,[†] Shu-Qing Wang,[†] Zhe Li, Zhong-Ying Ma, Ran Zhang, Cheng-Zhi Xie, Xin Qiao, and **Jing-Yuan Xu***. Anticancer Melatplatin Prodrugs: High Effect and Low Toxicity, MT1-ER-Target and Immune Response In Vivo. *Journal of Medicinal Chemistry*, 2020, 63(11), 6096–6106.
2. Ran Zhang, Xue-Qing Song, Rui-Ping Liu, Zhong-Ying Ma, and **Jing-Yuan Xu***. Fuplatin: an Efficient and Low-toxic Dual-prodrug. *Journal of Medicinal Chemistry*, 2019, 62(9), 4543–4554.
3. Xue-Qing Song¹, Zhong-Ying Ma¹, Yi-Gang Wu¹, Miao-Liang Dai, Dong-Bo Wang, **Jing-Yuan Xu***, Yangzhong Liu*. New NSAID-Pt(IV) prodrugs to suppress metastasis and invasion of tumor cells and enhance anti-tumor effect *in vitro* and *in vivo*. *European Journal of Medicinal Chemistry*, 2019, 167, 377–387.
4. Zhen-Lei Zhang¹, Chun-Lai Zhao¹, Qian Chen, Kai Xu, Xin Qiao*, **Jing-Yuan Xu***. Targeting RNA polymerase I transcription machinery in cancer cells by a novel monofunctional platinum-based agent. *European Journal of Medicinal Chemistry*, 2018, 155, 434–444.
5. Zhong-Ying Ma¹, Dong-Bo Wang¹, Xue-Qing Song¹, Qian Chen, Yi-Gang Wu, Chun-Lai Zhao, Jing-Yi Li, Shi-Hao Cheng, **Jing-Yuan Xu***. Chlorambucil-conjugated platinum(IV) prodrugs to treat triple-negative breast cancer *in vitro* and *in vivo*. *European Journal of Medicinal Chemistry*, 2018, 157, 1292–1299.
6. Xue-Qing Song¹, Ya-Hong Liu¹, Jia Shao¹, Zhen-Lei Zhang, Cheng-Zhi Xie, Xin Qiao, Wei-Guo Bao*, **Jing-Yuan Xu***. Rapid induction of apoptosis in tumor cells treated with a new platinum(II) complex based on amino-thiazolidinone. *European Journal of Medicinal Chemistry*, 2018, 157, 188–197.
7. Xiao-Jing Yan¹, Zhe Li¹, Hai-Bo Liu¹, Zhi-Gang Wang, Jing Fan, Cheng-Zhi Xie*, Qing-Zhong Li, **Jing-Yuan Xu***. A chromone hydrazide Schiff base fluorescence probe with high selectivity and sensitivity for the detection and discrimination of human serum albumin (HSA) and bovine serum albumin (BSA). *Journal of Photochemistry and Photobiology A: Chemistry*, 2022, 422: 113576.
8. Xin Qiao¹, Yu-Yang Gao¹, Li-Xia Zheng, Xiao-Jing Ding, Ling-Wen Xu, Juan-Juan Hu, Wei-Zhen Gao*, **Jing-Yuan Xu***. Targeting ROS-AMPK pathway by multi-action Platinum(IV) prodrugs containing hypolipidemic drug bezafibrate. *European Journal of Medicinal Chemistry*, 2021, 223, 113730.
9. Wen-Hui Liao, Xue-Qing Song, Yan-Jie Kong, Rui-Dan Bao, Fang-Fang Li, Jie Zhou, Qi-Hua Zhao, **Jing-Yuan Xu***, Ni Xie*, Ming-Jin Xie*. A novel Schiff base cobalt(III) complex induces a synergistic effect on cervical cancer cells by arresting early apoptosis stage. *BIOMETALS*, 2021, 34, 277-289.
10. Yong-Po Zhang¹, Zhong-Ying Ma¹, Pei-Pei Qiao, Chun-Yan Gao*, Jin-Lei Tian*, Jin-Zhong Zhao, Wei-Jun Du, Jing-Yuan Xu*, Shi-Ping Yan. Design and biological evaluations of mono- and di-nuclear copper(II) complexes: Nuclease activity, cytotoxicity and apoptosis. *Polyhedron*, 2021, 193, 114880.
11. Zhong-Ying Ma¹, Xue-Qing Song¹, Juan-Juan Hu¹, Dong-Bo Wang, Xiao-Jing Ding, Rui-Ping Liu, Miao-Liang Dai, Fan-Yin Meng, **Jing-Yuan Xu***. Ketoplatin in triple-negative breast cancer cells MDA-MB-231: High efficacy and low toxicity, and positive impact on inflammatory microenvironment. *Biochemical Pharmacology*, 2021, 188, 114523.

12. Yong-Po Zhang, Zhong-Ying Ma, Pei-Pei Qiao, Chun-Yan Gao*, Jin-Lei Tian*, Jin-Zhong Zhao, Wei-Jun Du, **Jing-Yuan Xu***, Shi-Ping Yan. Copper based metallonucleases as potential antitumor drugs: Synthesis, Structure, in vitro Cytotoxicity and Apoptosis inducing properties, *JOURNAL OF MOLECULAR STRUCTURE*, 2021, 1236, 130278.
13. Xiao-Jing Yan, Yu-Yang Gao, Hai-Bo Liu, Xin Qiao, Cheng-Zhi Xie*, Qing-Zhong Li, Wei-Zhen Gao, Hua-Bing Sun*, **Jing-Yuan Xu***. A novel double target fluorescence probe for Al³⁺/Mg²⁺ detection with distinctively different responses and its applications in cell imaging. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 261 (2021) 120067.
14. Ming Liu,¹ Xue-Qing Song,¹ Yuan-Di Wu, Jing Qian* Jing-Yuan Xu*, Cu(II)-TACN complexes selectively induce antitumor activity in HepG-2 cells via DNA damage and mitochondrial-ROS-mediated apoptosis. *Dalton Trans.*, 2020, 49, 114–123.
15. Zhi-Gang Wang¹, Xiao-Jing Ding¹, Yu-Ying Huang, Xiao-Jing Yan, Bin Ding Qing-Zhong Li, Cheng-Zhi Xie*, Jing-Yuan Xu*. The development of coumarin Schiff base system applied as highly selective fluorescent/colorimetric probes for Cu²⁺ and tumor biomarker glutathione detection. *Dyes and Pigments*, 2020, 175, 108156–58.
16. Xiao-Jing Ding,¹ Ran-Zhang,¹ Rui-Ping Liu,¹ Xue-Qing Song, Xin Qiao, Cheng-Zhi Xie, Xiu-He Zhao, **Jing-Yuan Xu***. A class of Pt(IV) triple-prodrugs targeting nucleic acid, thymidylate synthase and histone deacetylases, *Inorg. Chem. Front.*, 2020, 7, 1220–1228.
17. Rui-Dan Bao¹, Xue-Qing Song¹, Yan-jie Kong¹, Fang-Fang Li, Wen-Hui Liao, Jie Zhou, Ji-hong Zhang, Qi-Hua Zhao, **Jing-Yuan Xu***, Ce-shi Chen*, Ming-Jin Xie*. A new Schiff base copper(II) complex induces cancer cell growth inhibition and apoptosis by multiple mechanisms. *Journal of Inorganic Biochemistry*, 2020, 208, 111103.
18. Xue-Qing Song, Zhi-Gang Wang, Yang Wang, Yu-Ying Huang, Yu-Xuan Sun, Yan Ouyang, Cheng-Zhi Xie* and **Jing-Yuan Xu***. Syntheses, characterization, DNA/HSA binding ability, and antitumor activities of a family of isostructural binuclear lanthanide complexes containing hydrazine Schiff base. *Journal of Biomolecular Structure and Dynamics*, 2020, 38(3), 733–743.
19. Zhi-Gang Wang, Hai-Bo Liu, De-Long Zhang, Wei Liu, Cheng-Zhi Xie*, Qing-Zhong Li, Jing-Yuan Xu*, A novel hydrazide Schiff base self-assembled nanoprobe for selective detection of human serum albumin and its applications in renal disease surveillance, *Journal of Materials Chemistry B*, 2020, 8, 8346–8355.
20. Ling-Wen Xu¹, Xin-Tian Wang¹, Yun-Hong Zou, Xu-Ya Yu, Cheng-Zhi Xie, Xin Qiao*, Qing-Zhong Li, Jing-Yuan Xu*. Novel 2-hydroxynaphthalene-based fluorescent turn-on sensor for highly sensitive and selective detection of Al³⁺ and its application in imaging *in vitro* and *in vivo*, *Appl. Organometal. Chem.* 2020, 34(10): e5812.
21. Xiao-Jing Yan, Zhi-Gang Wang, Yang Wang, Yu-Ying Huang, Hai-Bo Liu, **Cheng-Zhi Xie***, Qing-Zhong Li, **Jing-Yuan Xu***. A dual-functional fluorescent probe for sequential determination of Cu²⁺/S²⁻ and its applications in biological systems. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 2020, 243, 118797.
22. Zhi-Gang Wang, Yang Wang, Xiao-Jing Ding, Yu-Xuan Sun, Hai-Bo Liu, Cheng-Zhi Xie*, Jing Qian, Qing-Zhong Li, **Jing-Yuan Xu***. A highly selective colorimetric and fluorescent probe for quantitative detection of Cu²⁺/Co²⁺: The unique ON-OFF-ON fluorimetric detection strategy and applications in living cells/zebrafish. *Spectrochimica Acta Part A:*

Molecular and Biomolecular Spectroscopy, 2020, 228, 117763.

23. Yue Liu[†], Xue-Qing Song[†], Si-Tong Li, Xin Liu, Jin-Lei Tian*, **Jing-Yuan Xu***, Shi-Ping Yan, Three pairs of enantiomers bearing mitochondria-targeted TPP⁺ groups as potential anti-cancer agents. *Appl. Organometal. Chem.* 2019, 33(6), e4920.
24. Yang Wang, Zhi-Gang Wang, Xue-Qing Song, Qian Chen, He Tian, Cheng-Zhi Xie*, Qing-Zhong Li, **Jing-Yuan Xu***. Dual functional turn-on non-toxic chemosensor for highly selective and sensitive visual detection of Mg²⁺ and Zn²⁺: solvent-controlled recognition effect and bio-imaging application. *Analyst*, 2019, 144, 4024–4032.
25. Yi-Gang Wu¹, Dong-Bo Wang¹, Juan-Juan Hu, Xue-Qing Song, Cheng-Zhi Xie, Zhong-Ying Ma* and **Jing-Yuan Xu***. An iron(III) complex selectively mediated cancer cell death: crystal structure, DNA targeting and *in vitro* antitumor activities[J]. *Inorg. Chem. Front.*, 2019, 6, 1040–1049.
26. He Tian¹, Xin Qiao¹, Zhen-Lei Zhang, Cheng-Zhi Xie, Qing-Zhong Li, **Jing-Yuan Xu***. A high performance 2-hydroxynaphthalene Schiff base fluorescent chemosensor for Al³⁺ and its applications in imaging of living cells and zebrafish *in vivo*. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 2019, 207, 31–38.
27. Jia Shao*, Jin-Xia Wei, Yi Zhang, **Jing-Yuan Xu***. Spectroscopic investigations of the interactions of potential antitumor amino-thiazolidinone platinum(II) compounds with human serum albumin. *Inorganic Chemistry Communications*, April 2019, 102, 35–39.
28. Yang Wang, Zhong-Ying Ma, De-Long Zhang, Jia-Li Deng, Xiong Chen, Cheng-Zhi Xie*, Xin Qiao, Qing-Zhong Li, **Jing-Yuan Xu***. Highly selective and sensitive turn-on fluorescent sensor for detection of Al³⁺ based on quinoline-base Schiff base. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 2018, 195, 157–164.
29. Jing-Jing Suo¹, Zhong-Ying Ma¹, **Jing-Yuan Xu**, Jin-Lei Tian* and Xin Liu. Preparation, characterization and biological evaluation of two chiral binuclear copper(II) complexes. *Appl. Organometal. Chem.* 2018, 32, e3911.
30. Xu-Dong Lin, Ya-Hong Liu¹, Cheng-Zhi Xie, Wei-Guo Bao, Jun Shen* and **Jing-Yuan Xu***. Three Pt(II) complexes based on Thiosemicarbazone: synthesis, HSA interaction, cytotoxicity, apoptosis and cell cycle arrest. *RSC Advances*, 2017, 7, 26478–26486.
31. Zhong-Ying Ma¹, Zheng Qiao¹, Ang Li, Ya-Hong Liu, Cheng-Zhi Xie, Zhao-Yan Qiang, **Jing-Yuan Xu***. A new mixed-ligand copper(II) complex inhibits growth and induces apoptosis by DNA targeting in human epithelial cervical cancer cells. *Appl. Organometal. Chem.* 2017, 31(7), e3651.
32. He Tian¹, Xin Qiao¹, Cheng-Zhi Xie, Yan Ouyang*, **Jing-Yuan Xu***. Synthesis, Characterization, and Magnetochemical Properties of Two Mn⁴⁺ Clusters Derived from 2-Pyridinecarboxaldehyde Schiff Base Ligands. *J. Coord. Chem.*, 2017, 70(7), 1207–1220.
33. Wen-Jing Lian,¹ Xin-Tian Wang,¹ He Tian, Xue-Qing Song, Xin Qiao,* Cheng-Zhi Xie, and **Jing-Yuan Xu***. Mixed-ligand copper(II) Schiff base complexes: the role of co-ligand in DNA binding, DNA cleavage, protein binding and cytotoxicity. *Dalton Trans.*, 2016, 45, 9073–9087.
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- damage, HSA interaction and enhanced cytotoxicity. *Dalton Trans.*, 2016, 45, 8036–8049.
35. Xu-Dong Lin, Biao Peng, Shao-Yong Li, 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. *RSC Advances*, 2016, 6, 52310–52317.
 36. Yong-Po Zhang,[‡] Zhong-Ying Ma,[‡] Chun-Yan Gao, Xin Qiao, Jin-Lei Tian*, Wen Gu, Xin Liu, **Jing-Yuan Xu***, Jin-Zhong Zhao and Shi-Ping Yan. Two dpa-based zinc(II) complexes as potential anticancer agents: nuclease activity, cytotoxicity and apoptosis studies. *New J. Chem.*, 2016, 40, 7513-7521.
 37. Ang Li¹, Ya-Hong Liu¹, Ling-Zhi Yuan, Zhong-Ying Ma, Chun-Lai Zhao, Cheng-Zhi Xie, Wei-Guo Bao, **Jing-Yuan Xu***. Association of structural modifications with bioactivity in three new copper(II) complexes of Schiff base ligands derived from 5-chlorosalicylaldehyde and amino acids. *Journal of Inorganic Biochemistry*, 2015, 146, 52–60.
 38. Chun-Yan Gao,¹ Zhong-Ying Ma,¹ Yong-Po Zhang, Si-Tong Li, Wen Gu, Xin Liu, Jin-Lei Tian,* **Jing-Yuan Xu***, Jin-Zhong Zhao and Shi-Ping Yan. Four related mixed-ligand nickel(II) complexes: effect of steric encumbrance on the structure, DNA/BSA binding, DNA cleavage and cytotoxicity. *RSC Adv.*, 2015, 5, 30768–30779.
 39. Jia Shao¹, Zhong-Ying Ma¹, Ang Li, Ya-Hong Liu, Cheng-Zhi Xie, Zhao-Yan Qiang, **Jing-Yuan Xu***. Thiosemicarbazone Cu(II) and Zn(II) Complexes as Potential Anticancer Agents: Syntheses, Crystal Structure, DNA Cleavage, Cytotoxicity and Apoptosis Induction Activity. *Journal of Inorganic Biochemistry*, 2014, 136, 13–23.
 40. Xin Qiao, Zhong-Ying Ma, Jia Shao, **Jing-Yuan Xu***, Zhao-Yan Qiang, Jian-Shi Lou* and Wei-Guo Bao. Biological evaluation of a cytotoxic 2-substituted benzimidazole copper(II) complex: DNA damage, antiproliferation and apoptotic induction activity in human cervical cancer cells. *Biometals*, 2014, 27:155–172.
 41. Jia Shao, Wei-Guo Bao, He Tian, Bing Li, Xiao-Fei Zhao, Xin Qiao, **Jing-Yuan Xu***. Nuclease activity and protein-binding properties of a novel tetranuclear thiosemicarbazide Pt(II) complex. Nuclease activity and protein-binding properties of a novel tetranuclear thiosemicarbazide Pt(II) complex. *Dalton Trans.*, 2014, 43, 1663–1671.
 42. Xiao-Fei Zhao,¹ Yan Ouyang,¹ Qiang Ge, Ling-Zhi Yuan, He Tian, Qiao-Juan Su, Cheng-Zhi Xie and **Jing-Yuan Xu***. Two Polypyridyl Copper(II) Complexes: Synthesis, Crystal Structure and Interaction with DNA and Serum Protein in vitro. *New J. Chem.*, 2014, 38, 955-965.
 43. **Jing-Yuan Xu**, Hai-Bin Song, Gong-Feng Xu, Xin Qiao, Shi-Ping Yan, Dai-Zheng Liao, Yves Journaux* and Joan Cano. A New Enneanuclear Nickel(II) Cluster with a Rectangular Face-Centered Trigonal Prism Structure and Cluster Glass Behavior. *Chem. Commun.*, 2012, 48, 1015–1017.
 44. Fei Xue, Cheng-Zhi Xie, Yan-Wen Zhang, Zheng Qiao, Xin Qiao, **Jing-Yuan Xu***, Shi-Ping Yan. Two new dicopper(II) complexes with oxamido-bridged ligand: Synthesis, crystal structures, DNA binding/cleavage and BSA binding activity. *J. Inorg. Biochem.*, 2012, 115, 78-86.
 45. Zhong-Ying Ma, Cheng-Zhi Xie, Xin Qiao, Jia Shao, **Jing-Yuan Xu***, Zhao-Yan Qiang, Jian-Shi Lou. Activities of a novel Schiff Base copper(II) complex on growth inhibition and apoptosis induction toward MCF-7 human breast cancer cells via mitochondrial pathway. *J. Inorg. Biochem.*, 2012, 117, 1-9.

	<p>46. Xin Qiao, Zhong-Ying Ma, Fei Xue, Cheng-Zhi Xie, Jing-Yuan Xu*, Zhao-Yan Qiang, Jian-Shi Lou, Gong-Jun Chen, Shi-Ping Yan. Study on potential antitumor mechanism of a novel Schiff Base copper(II) complex: synthesis, crystal structure, DNA binding, cytotoxicity and apoptosis induction activity, <i>J. Inorg. Biochem.</i>, 2011, 105, 728-737.</p> <p>47. Jing-Yuan Xu*, Cheng-Zhi Xie, Fei Xue, Lan-Fang Hao, Zhong-Ying Ma, Dai-Zheng Liao, and Shi-Ping Yan. Directed Assembly and Characterization of 1D Polymers Based on $[M^{II}(\text{BMA})]^{2+}$ Node (M = Cu, Mn, Ni and Zn; BMA = N,N-bis (benzimidazol-2-yl-methyl)amine) with Linear Bridging Dicyanamide and Terephthalate Ligands, <i>Dalton Trans.</i>, 2010, 39, 7159-7166.</p> <p>48. Jing-Yuan Xu, Xin Qiao, Hai-Bin Song, Shi-Ping Yan, Dai-Zheng Liao, Song Gao, Yves Journaux and Joan Cano. Self-assembly and magnetic properties of a $\text{Ni(II)}_8(\mu_4\text{-hydroxo})_6$ cube with μ_2-Pyrazolate as exogeneous anchillary ligand, <i>Chem. Commun.</i>, 2008, 6414-6416.</p> <p>49. Jing-Yuan Xu, Bin Zhao, He-Dong Bian, Wen Gu, Shi-Ping Yan, Peng Cheng, Dai-Zheng Liao, and Pan-Wen Shen. Syntheses, Structures and Properties of Novel Cage-Like Complexes Based on Dodecanuclear Lanthanide with a Large Cavity. Syntheses, Structures and Properties of Novel Cage-Like Complexes Based on Dodeca-nuclear Lanthanide with a Large Cavity. <i>Crystal Growth & Design</i> 2007, 7(6), 1044-1048.</p> <p>50. Jing-Yuan Xu, Simon Foxon, Michal Leibold Frank Hampel, Frank Heinemann, Olaf Walter and Siegfried Schindler. Iron(III) Complexes with the Ligands N',N'-bis[(2-pyridyl)methyl]ethylene diamine (uns-penp) and the Amide N-Acetyl-N',N'-bis[(2-pyridyl)methyl]ethylenediamine (acetyl-uns-penp)". <i>Eur. J. Inorg. Chem.</i> 2006, 1601-1610.</p>
科研项目	<ol style="list-style-type: none"> 1. 国家自然科学基金面上项目“Pt(IV)前药靶向性、协同性调整及分子机制研究”(No. 21977080), 66万, 2020.1-2023.12 主持 2. 天津市自然科学基金重点项目“具有降低肿瘤耐药性及增强免疫识别功能的多靶标Pt(IV)前药分子研究”(No. 17JCZDJC33100), 20万, 2017.4-2020.3, 主持。 3. 国家自然科学基金面上项目“铂类组蛋白去乙酰化酶抑制剂的设计合成、抑制肿瘤细胞活性及其靶向作用机制研究”(No.21371135), 80万, 2014.1-2017.12, 主持。 4. 天津市自然科学基金重点项目“新型铂类抗肿瘤配合物的设计合成及其细胞代谢机制研究”(No.13JCZDJC28200), 20万, 2013.4-2016.3, 主持。 5. 国家自然科学基金面上项目“基于光动力疗法的金属基型光敏剂的设计合成、DNA作用及其抗肿瘤细胞活性的研究”(No. 20971099), 35万, 2010.1-2012.12, 主持。 6. 天津市中青年骨干创新人才培养计划项目, 45万, 2012.12-2015.11, 主持。 7. 国家自然科学基金面上项目“低维配合物型磁性分子的设计、合成及磁构关系研究”(No.20771084), 已结题, 8万, 2008.1-2008.12, 主持。 8. 教育部留学回国人员科研启动基金“高自旋配合物分子磁性材料的研究”, 2万, 2008.1-2009.12, 主持。 9. 天津自然科学基金面上项目“分子基型药物磁性靶向材料的研究”(06YFJMJC12700), 8万, 2006.9 - 2009.8, 主持。 10. 天津教委基金项目“人工核酸切割试剂的分子设计及其DNA作用的研究”(No.20020106), 2005.1-2007.3, 1万, 主持。
荣誉奖励	

2020 年，天津医科大学校聘一级重点岗
2019 年，天津市自然科学三等奖，获奖人员排名第一
2019 年，天津市教学名师
2017 年，天津市高校学科领军人才（药学）
2017 年，天津市级教学团队负责人（药学基础化学）
2018 年，天津医科大学巾帼建功标兵荣誉称号
2012 年，天津市高校中青年骨干创新人才
2011 年，天津医科大学校聘一级关键岗位
2009 年，天津医科大学药学院优秀教师
2009 年，天津医科大学校聘二级关键岗位
2007 年，天津市自然科学三等奖，获奖人员排名第一
2007 年，天津医科大学优秀教师
2007 年，天津医科大学“十一五”新世纪人才
1999 年，天津医科大学优秀教师

其他事项

国家自然科学基金、教育部学位论文、多省部级自然科学/人才项目评审专家，中国化疗药理学会委员。J. Med. Chem., Euro. J. Med. Chem.等国际期刊审稿人。指导本、硕、博学生获得国家级、省部级以上科研、竞赛奖励 20 余项。