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教育背景

1996.09-2000.06 本科毕业于曲阜师范大学;

2000.09-2003.06 硕士研究生毕业于曲阜师范大学;

2007.09-2010.06 博士研究生毕业于河南大学;

工作经历

2003.07-2007.08曲阜师范大学物理工程学院

2010.07-至今 曲阜师范大学物理工程学院

教学任务

主要从事物理学专业教学

研究兴趣

主要从事原子与分子物理和生物物理结构与性质的理论模拟研究:

- 分子模拟与分子设计;
- 生物分子与金属离子的相互作用。

科研项目

1. 国家自然科学基金青年项目 (11504200), 2016.1-2018.12, 主持人, 结题;
2. 国家自然科学基金理论物理专款 (11347144), 2014.1-2014.12, 主持人, 结题;
3. 国家自然科学基金青年项目 (11604179), 2017.01-2019.12, 参与, 在研;
4. 山东省自然科学基金 (ZR2016AQ18), 2016.11-2019.6, 参与, 结题;
6. 国家自然科学基金青年项目 (11504199), 2016.1-2018.12, 参与, 结题;
7. 国家自然科学基金青年项目 (21503119), 2016.1-2018.12, 参与, 结题;
8. 曲阜师范大学青年基金 (XJ201220), 2012.7-2015.6, 主持人, 结题;
9. 曲阜师范大学科研启动基金 (BDQD20100202), 2010.7-2013.6, 主持人, 结题.

代表性论著

- [1] **Mei Wang**, Jing Zhao, Fufang Su, Hui Xu, An Ab initio study of double-electron oxidized base pairs with diradical character through ring-expansion modification Computational and Theoretical Chemistry 1164 (2019) 112539;
- [2] **Mei Wang**, Jing Zhao, Jing Li , Runxiu Chen, Kai Chen, Shuang Hu, Lijun Wang, Huihe Gao, Hui XuMulti-copper incorporation into ring-expanded base pairs: An ab initio study Chemical Physics Letters 734 (2019) 136704;
- [3] **Mei Wang**, Laibin Zhang, Yunxian Liu, Fufang Su, Jing Zhao, Mengmeng Zheng, Jing Li, Theoretical investigation of structures and electromagnetic properties of double-electron oxidized ring-expanded base pairs Chemical Physics Letters 707 (2018) 86–92;
- [4] Laibin Zhang, **Mei Wang**, Mengmeng Zheng, Xiangmu Kong Computational design and characterization of new thieno-expanded tricyclic purine analogs Int J Quantum Chem. 2018;e25870, DOI: 10.1002/qua.25870
- [5] Laibin Zhang, Xiangmu Kong, **Mei Wang**, Mengmeng Zheng, Photophysical properties of the isomorphous emissive RNA nucleobase analogues and effect of water solution, ribose, and base pairing: A theoretical study Int J Quantum Chem. 2017;117:e25377. DOI: 10.1002/qua.25377
- [6] **Mei Wang**, Jing Zhao, Laibin Zhang, Xiyu Su, Hanlei Su, Yuxiang Bu, Intriguing radical–radical interactions among double-electronoxidized adenine–thymine base pairs Chemical Physics Letters 619 (2015) 223–229
- [7] **Mei Wang**, Jun Wang, Yuxiang Bu, Metastable Hydrogen-bonds Featuring Negative Dissociation Energies in Protein-bound DNA in Hole Migration CHEMICAL JOURNAL OF CHINESE UNIVERSITIES 36 (2015) 2271;
- [8] Jing Zhao, **Mei Wang**, Aiyun Fu, Hongfang Yang, Yuxiang Bu, Hydrated Electron Transfer to Nucleobases in Aqueous Solutions Revealed by Ab Initio Molecular Dynamics Simulations ChemPhysChem 16 (2015) 2348;
- [9] 史秀洋, 苏希玉, 王梅, Li 掺杂 ZnO 系统的电子结构和光学性质, 发光学报, 2014, 35 (12) 1455;
- [10] **Mei Wang**, Jing Zhao, Yuxiang Bu, Theoretical exploration of structures and electronic properties of double-electron oxidized guanine–cytosine base pairs with intriguing radical–radical interactions Phys. Chem. Chem. Phys. 15 (2013) 18453;
- [11] Jing Zhao, **Mei Wang**, Hongfang Yang, Meng Zhang, Ping Liu, Yuxiang Bu, RadicalRadical Interactions among Oxidized Guanine Bases Including Guanine Radical Cation and Dehydrogenated Guanine Radicals, J. Phys.Chem. B 117 (2013) 10698;
- [12] **Mei Wang**, Xiaowei Huang, Density functional theory study of hydrogenated MA112 (M = Al,Li,Na,K) clusters, J. At. Mol. Sci. 4 (2013) 129;
- [13] Wei Zhao, **Mei Wang**^(*), Xiyu Su, Yachao Wang, Zhenyong Li, Electronic and optical properties of the doped TiO2 system, Journal of Semiconductors 31 (2010) 072001;
- [14] 王亚超, 王梅^(*), 苏希玉, 李振勇, 赵伟, Mg掺杂CdSe电子结构和光学性质的第一性原理, 发光学报, 2010, 31 (6) 842;

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