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Curriculum Vitae

Dr. Huang obtained her Ph. D in Department of Chemical Physics, University of Science and Technology of China (USCT) in 2008. Then she moved to School of Materials and Chemical Engineering, Anhui University of Architecture, as a lecturer (2008.8-2010.12), an associate professor (2011.1-2016.12), and a full professor (2016.12-now). Currently, Dr. Huang is an adjunct staff in the Computational Molecular Sciences group, USTC.

Representative publications

1. Jing Huang*, Rong Xie, Weiyi Wang, Qunxiang Li* and Jinlong Yang, *Coherent transport through spin-crossover magnet Fe₂ complexes*, *Nanoscale* 9, 609 (2016).
2. Song Wang, Jing Huang (共同一作), Congli Gao, Fei Jin, Qunxiang Li, Suyuan Xie, and Shangfeng Yang*, *Singly Bonded Monoadduct Rather than Methanofullerene: Manipulating the Addition Pattern of Trimetallic Nitride Clusterfullerene via One Endohedral Metal Atom Substitution*, *Chem. Eur. J.* 22, 8309 (2016).
3. Fang Wu, Jing Huang(共同一作), Qunxiang Li, Kaiming Deng, and Erjun Kan*, *Coexistence of Metallic and Insulating-like States in Graphene*, *Sci. Rep.* 5, 8974 (2015).
4. Jing Huang*, Weiyi Wang, Qunxiang Li*, and Jinlong Yang, *Negative differential resistance devices by using N-doped graphene nanoribbons*, *J. Chem. Phys.* 140, 164703 (2014).
5. Jing Huang*, Weiyi Wang, Shangfeng Yang, Qunxiang Li*, and Jinlong Yang, *Spin-polarized transport properties of Mn@Au₆ cluster*, *Chem. Phys. Lett.* 590, 111 (2013).
6. Jing Huang, Ke Xu, Shulai Lei, Haibin Su, Shangfeng Yang, Qunxiang Li* and Jinlong Yang, *Iron-phthalocyanine molecular junction with high spin filter efficiency and negative differential resistance*, *J. Chem. Phys.* 136, 064707 (2012).
7. Jing Huang, Qunxiang Li*, Ke Xu, Haibin Su, and Jinlong Yang, *Electronic, magnetic and transport properties of Fe-COT clusters: A theoretical study*, *J. Phys. Chem. C* 114, 11946 (2010).
8. Jing Huang, Qunxiang Li*, Haibin Su, and Jinlong Yang, *Transport properties through diarylethene derivatives between carbon nanotube electrodes: A theoretical study*, *Chem. Phys. Lett.* 479, 120 (2009).
9. Jing Huang, Qunxiang Li*, Ren Hao, Haibin Su, and Jinlong Yang*, *Switching mechanism of photochromic diarylethene derivatives molecular junctions*, *J. Chem. Phys.* 127, 094705 (2007).
10. Jing Huang, Qunxiang Li*, Hao Ren, Haibin Su, and Jinlong Yang*, *Single quintuple bond [PhCrCrPh] molecule as a possible molecular switch*, *J. Chem. Phys.* 125, 184713 (2006).