

PERSONAL:

Name: **Haiyan Cui**
Department: Department of Chemistry, College of Sciences
Gender: Female
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RESEARCH INTERESTS:

Main group Chemistry

PROFESSIONAL EXPERIENCE:

2016.9 to date, Postdoc, Nanjing university, Nanjing, China
2017-to date Associate professor, College of Sciences, Nanjing Agricultural University
2013–2016 Lecturer, College of Sciences, Nanjing Agricultural University

TEACHING:

- 《Organic Chemistry》
- 《Experimental Chemistry II》

RESEARCH PROJECTS:

1. National Natural Science Foundation of China, 2015/01-2017/12.
2. Natural Science Foundation of Jiangsu Province, 2014/07-2017/6.
3. Fundamental Research Funds for the Central Universities, 2015/01-2017/12.
4. China Postdoctoral Science Foundation 2017/01-2018/12.

PUBLICATIONS:

1. Shuyu Li, Ningning Yuan, Yong Fang, Chao Chen, Lei Wang, Rui Feng, Yue Zhao, **Haiyan Cui**,* Xinping Wang,* Studies on the Bridge Dependence of Bis(triarylamine) Diradical Dications: Long-Range π -Conjugation and π - π Coupling Systems, *J. Org. Chem.*, **2018**, 83, 3651-3656.
2. **Cui Haiyan**,* Teng Peng, Zhang Enbin, Lu Jiahao, Zhang Fan, Wu Meng,* Synthesis of a Dichlorosilamine Coordinated by an N-Heterocyclic Carbene from $\text{ArN}(\text{SiMe}_3)\text{SiHCl}_2$, *Chin. J. Chem.*, **2017**, 35, 401-404.
3. **Cui, Haiyan***, Wu Meng, Teng Peng, Reactivity of an NHC-Stabilized Silylene towards Lewis Acids and Lewis Bases, *Eur. J. Inorg. Chem.*, **2016**, 2016, 4123–4127.
4. **Cui, Haiyan***, Zhang, Jianying; Tao, Yunwen; Cui, Chunming*, Controlled Oxidation of an NHC-Stabilized Phosphinoaminosilylene with Dioxygen, *Inorg. Chem.*, **2016**, 55, 46-50.

5. **Cui Haiyan***, Cui Chunming*, Base-Stabilized 1-Hydrosilamine: Reactivity of Diaminochlorosilane toward N-Heterocyclic Carbenes, *Chin.J. Org. Chem.*, **2016**, 36, 626-629.
6. **Cui Haiyan***, Cui Chunming*, Base-Stabilized Silamine and its Donor-Free Dimer Derived from the Reaction of NHC-Supported Silylene with SiCl₄. *Dalton Trans.*, **2015**, 44, 20326 - 20329.
7. **Cui Haiyan**, Zhang Jianying, Cui Chunming*, 2-Hydro-2-amino-phosphasilene with N-Si-P π -Conjugation, *Organometallics*, **2013**, 32, 1-4.
8. **Cui Haiyan**, Ma Bing, Cui Chunming*, Metal-Free, Stereospecific Bis-Silylation of Functionalized Alkynes with NHC-Supported Silylamino-silylene, *Organometallics*, **2012**, 31, 7339-7342.
9. **Cui Haiyan**, Cui Chunming*, Silylation of N-heterocyclic carbene with aminochlorosilane and -disilane: dehydrohalogenation vs. Si-Si bond cleavage. *Dalton Trans.*, **2011**, 40, 11937-11940.
10. **Cui Haiyan**, Cui Chunming*, Synthesis of a Base-Stabilized 1-Hydrosilanimine via NHC-Mediated Dehydrohalogenation of Hydrochlorosilane. *Chem.-Asian J.*, **2011**, 6, 1138-1141.
11. **Cui Haiyan**, Shao Yanjun, Li Xiaofei, Kong Lingbing, Cui Chunming*, Dehydrochlorination to Silylenes by N-Heterocyclic Carbenes. *Organometallics*, **2009**, 28, 5191-5195.