

**Education:**

- 1991-1997      Tehran University, Tehran, Iran, **B.Sc./** Chemistry
- 2006-2008      Tehran University, Tehran, Iran, **M.Sc./** Organic Chemistry
- 2012-2015      Huazhong University of Science and Technology, Wuhan, China,  
**PhD/Organic Chemistry**

**Research experiences and interests:**

- Role of new Homogenous and heterogeneous catalysts for opening new synthetic procedures
- Green Chemistry – Sustainable syntheses
- Theoretical study by Molecular Calculations
- Bio-molecular imaging by fluorophores
- Anti-body drug conjugation

**Award**

- **2014** Scholarship of the Huazhong University of Science and Technology, HUST as Excellent PhD Student

**Publications:**

1. **Amir Taheri**, Bingbing Lai, Jian Yang and Yanlong Gu, Facile synthesis of densely substituted chroman derivatives through Brønsted acid ionic liquid catalyzed three-component reactions of aromatic aldehydes, 1,1-diarylethylenes and nucleophiles, *Tetrahedron*, **2015**, DOI: 10.1016/j.tet.2015.11.049. (Impact factor; 2.64)
2. **Amir Taheri**, Xiaojuan Pan, Changhui Liu and Yanlong Gu, Brønsted acid ionic liquid as a solvent-conserving catalyst for organic reactions, *ChemSusChem*, **2014**, 7, 2094–2098. (Impact factor; 7.12)
3. **Amir Taheri**, Changhui Liu, Bingbing Lai, Cheng Cheng, Xiaojuan Pan, and Yanlong Gu, Brønsted acid ionic liquid catalyzed facile synthesis of 3-

vinylindoles through direct C3 alkenylation of indoles with simple ketones, *Green Chem.*, **2014**, 16, 3715-3719. (Impact factor; 9.12)

4. **Amir Taheri**, Bingbing Lai, Cheng Cheng, and Yanlong Gu, Brønsted acid ionic liquid-catalyzed reductive Friedel-Crafts alkylation of indoles and cyclic ketones without using external reductant, *Green Chem.*, **2014**, DOI: 10.1039/C4GC01299B. (Impact factor; 9.12) (**With highly citation**)
5. Minghao Li, **Amir Taheri**, Meng Liu, Shaohuan Sun and Yanlong Gu, Three-Component Reactions of Aromatic Aldehydes and Two Different Nucleophiles and their Leaving Ability-Determined Downstream Conversions of the Products, *Advanced Synthesis & Catalysis*, **2014**, 356, 537–556. (Impact factor; 5.66)
6. Changhui Liu, **Amir Taheri**, Bingbing Lai and Yanlong Gu, Synergistic catalysis-induced ring-opening reactions of 2-substituted 3,4-dihydropyrans with  $\alpha$ -oxoketene dithioacetals. *Catal. Sci. Technol.* **2015**, 5, 234-245. (Impact factor; 5.42)
7. Changhui Liu, Meng Shen, Bingbing Lai, **Amir Taheri** and Yanlong Gu, Condition-determined multicomponent reactions of 1,3-dicarbonyl compounds and formaldehyde. *ACS Comb. Sci.*, **2014**, 16 (11), pp 652–660. (Impact Factor; 3.03)
8. Shaohuan Sun, Cheng Cheng, Jian Yang, **Amir Taheri**, Dan Jiang, Biao Zhang and Yanlong Gu, Synthesis of Tetrahydropyridine Derivatives through a Modular Assembly Reaction Using 3,4-Dihydropyran as Dual Substrate and Template. *Organic Letters*, **2014**; 16 (17), 4520-3. (Impact Factor; 6.36)
9. **Amir Taheri** and Saied mojtaba Moosavi, Anomeric effect for a 2,5,7-Triazabicyclo[2,2,1]heptanes derivative, **2009**. *Acta Cryst.* C65, o115–o117.
10. **Amir Taheri** and Saied mojtaba Moosavi, N<sup>3</sup>,N<sup>6</sup>,2,5,7-Pentaphenyl-2,5,7-triazabicyclo[2,2,1]heptane-3,6-diamine, A. Taheri, & S. M. Moosavi, **2009**. *Acta Cryst.* E65, 01724.
11. **Amir Taheri** and Saied mojtaba Moosavi, N<sup>4</sup>,N<sup>8</sup>,3,6,9,10,11-Heptaphenyl-3,6,9,10,11-pentaazatricyclo[5,2,1<sup>1,7</sup>,1-<sup>2,5</sup>]undecane-4,8-diamine, **2009**, *Acta Cryst.* E65, 02337.

12. **Amir Taheri** and Saied mojtaba Moosavi, (1R,2S)-N,N'-(1,2-Dihydroxyethylene)-diformamide, , **2008**, *Acta Cryst.* E64, 02316.
13. Saied mojtaba Moosavi and **Amir Taheri**, 2,3,5,6-Tetramethoxypiperazine-1,4-dicarbldehyde, , **2009**, *Acta. Crysta.* E65, 02338.