

CV

Xiong Chen

Ph.D. / Research Fellow, IBS Center for Multidimensional Carbon Materials, UNIST.
Room 406, Bldg. 101, UNIST-gil 50, Eonyang-eup, Ulju-gun, Ulsan, 689-798,
Republic of Korea

Tel: +82-52-217-5902 Mobile: +82-10-8006-1103

E-mail: chenxiong987@gmail.com

Research Interest

Organic synthesis, design and synthesis of two-dimensional (2D) organic porous polymers, supramolecular chemistry, heterogeneous catalyst, bulk-heterojunctions polymer solar cells (PSCs), energy storage, graphene, diamond and diamond-like carbon (DLC) materials.

Education

2010.10 ~ 2013.9 Ph.D. in chemistry under the supervision of Prof. Dr. Donglin Jiang at the Graduate University for Advanced Studies (Sokendai)/ Institute for Molecular Science (IMS), Japan.

2006.9 ~ 2009.1 Master course graduate at Beijing Institute of Fashion Technology, China.
Major in Textile Chemistry and Dying and Finishing.

2001.9 ~ 2005.7 Undergraduate at the Dept. of Material and Engineering, Beijing Institute of Fashion Technology, China, Major in Applied Chemistry.

Research Experiences

2014.7 ~ present Postdoc research fellow under the guidance of Prof. Dr. Rodney S. Ruoff at the Center for Multidimensional Carbon Materials, Institute for Basic Science, Republic of Korea, focus on the synthesis and properties of new carbon and related materials, composite materials and novel carbon fibers.

2013.10 ~ 2014.6 Postdoc researcher in Prof. Dr. Donglin Jiang's group at the Institute for Molecular Science, Japan, focus on the design, synthesis and functions of porous crystalline covalent organic frameworks (COFs) and polymers.

2009.6 ~ 2010.9 Serve as a research assistant in Prof. Dr. Zhishan Bo's group at the state key laboratory of polymer physics and chemistry of Institute of Chemistry, Chinese Academy of Science, focusing on the synthesis of conjugated molecules based on carbazole, benzothiadiazole, thiophene backbones for the applications of polymer solar cell and device fabrication.

Past Publications

1. Chen, X.; Addicoat, M.; Jin, E.; Zhai, L.; Xu, H.; Huang, N.; Guo, Z.; Liu, L.; Irle, S.; Jiang, D.* *J. Am. Chem. Soc.* **2015**, *137*, 3241.
2. Chen, X.; Addicoat, M.; Jin, E.; Xu, H.; Hayashi, T.; Xu, F.; Huang, N.; Irle, S.; Jiang, D.*

- Sci. Rep.* **2015**, *5*, 14650.
3. Chen, X.; Gao, J.; Jiang, D.* *Chem. Lett.* **2015**, *44*, 1257.
 4. Huang, N.; Chen, X.; Krishma, R.; Jiang, D.* *Angew. Chem., Int. Ed.* **2015**, *54*, 2986.
 5. Xu, F.; Xu, H.; Chen, X.; Wu, D.; Wu, Y.; Liu, H.; Gu, C.; Fu, R.; Jiang, D.* *Angew. Chem., Int. Ed.* **2015**, *54*, 6814.
 6. Xu, F.; Jin, S.; Zhong, H.; Wu, D.; Yang, X.; Chen, X.; Wei, H.; Fu, R.; Jiang, D.* *Sci. Rep.* **2015**, *5*, 8225.
 7. Wu, Y.; Xu, H.; Chen, X.; Gao, J.; Jiang, D.* *Chem. Commun.* **2015**, *51*, 10096.
 8. Chen, X.; Huang, N.; Gao, J.; Xu, H.; Xu, F.; Jiang, D.* *Chem. Commun.* **2014**, *50*, 6161.
 9. Xu, H.; Chen, X.; Gao, J.; Lin, J.; Addicoat, M.; Irle, S.; Jiang, D.* *Chem. Commun.* **2014**, *47*, 1292.
 10. Xu, F.; Chen, X.; Tang, Z.; Wu, D.; Fu, R.; Jiang, D.* *Chem. Commun.* **2014**, *50*, 4788.
 11. Jin, S.; Sakurai, T.; Kowalczyk, K.; Dalapati, S.; Xu, F.; Wei, H.; Chen, X.; Gao, J.; Seki, S.; Irle, S.; Jiang, D.* *Chem. Eur. J.* **2014**, *20*, 14608.
 12. Chen, X.; Addicoat, M.; Irle, S.; Nagai, A.; Jiang, D.* *J. Am. Chem. Soc.* **2013**, *135*, 546.
 13. Nagai, A.; Chen, X.; Feng, X.; Ding, X.; Guo, Z.; Jiang, D.* *Angew. Chem., Int. Ed.* **2013**, *52*, 3770. (Co-first author)
 14. Nagai, A.; Guo, Z.; Feng, X.; Jin, S.; Chen, X.; Ding, X.; Jiang, D.* *Nat. Commun.* **2011**, *2*, 536.
 15. Du, C; Li, C.*; Li, W.; Chen, X.; Bo, Z.*; Veit, C.; Ma, Z.; Wuerfel, U.; Zhu, H.; Hu, W.*; Zhang, F.* *Macromolecules*, **2011**, *44*, 7617.

Honors and Awards

- ❖ Chinese Government Award for Outstanding Self-Financed Students Abroad, 2013
- ❖ Excellent Poster Award of China National Polymer Conference, Shanghai, 2013
- ❖ Excellent Graduate of School, Nov.2008
- ❖ Outstanding Leaders of Capital Colleges and Universities in Beijing Olympic Games, Oct.2008
- ❖ Advanced Individual of Volunteers in Beijing Olympic Games, Oct.2008
- ❖ Hong Kong Sang Ma Scholarship Award (Second Class), Nov.2007