

## Haiping Xia

### Chair Professor

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### Scientific Vita

#### Education:

In 1983, B.S. Xiamen University  
In 1986, M.S. Xiamen University  
In 2002, Ph.D. Xiamen University

#### Professional Career:

Since 2018 Chair Professor, Department of Chemistry, Southern University of Science and Technology  
1999-2018 Professor, Department of Chemistry, Xiamen University

#### Research Field:

Organometallic Chemistry and Polymer Chemistry

### Representative Publications

1. “Stabilization of anti-aromatic and strained five-membered rings with a transition metal” Zhu, C.; Li, S.; Luo, M.; Zhou, X.; Niu, Y.; Lin, M.; Zhu, J.; Cao, Z.; Lu, X.; Wen, T.; Xie, Z.; Schleyer, P. v. R.; Xia, H. *Nat. Chem.* **2013**, *5*, 698-703.
2. “The Chemistry of Aromatic Osmacycles” Cao, X.-Y.; Zhao, Q.; Lin, Z.; Xia, H. *Acc. Chem. Res.* **2014**, *47*, 341-354.
3. “Planar Möbius aromatic pentalenes incorporating 16 and 18 valence electron osmiums” Zhu, C.; Luo, M.; Zhu, Q.; Zhu, J.; Schleyer, P. v. R.; Wu, J. I.-C.; Lu, X.; Xia, H. *Nat. Commun.* **2014**, *5*, 3265.
4. “CCCCC pentadentate chelates with planar Möbius aromaticity and unique properties” Zhu, C.; Yang, C.; Wang, Y.; Lin, G.; Yang, Y.; Wang, X.; Zhu, J.; Chen, X.; Lu, X.; Liu, G.; Xia, H. *Sci. Adv.* **2016**, *2*, e1601031.
5. “Reactions of Isocyanides with Metal Carbyne Complexes: Isolation and Characterization of Metallacyclopentenimine Intermediates” Luo, M.; Long, L.; Zhang, H.; Yang, Y.; Hua, Y.; Liu, G.; Lin, Z.; Xia, H. *J. Am. Chem. Soc.* **2017**, *139*, 1822-1825.
6. “Constraint of a Ruthenium-Carbon Triple Bond to a Five-Membered Ring” Zhuo, Q.; Zhang, H.; Hua, Y.; Kang, H.; Zhou, X.; Lin, X.; Chen, Z.; Lin, J.; Zhuo, K.; Xia, H. *Sci. Adv.* **2018**, *4*, eaat0336.
7. “Isolation of an Eleven-Atom Polydentate Carbon-Chain Chelate Obtained by Cycloaddition of a Cyclic Osmium Carbyne with an Alkyne” Zhu, C.; Zhu, J.; Zhou, X.; Zhu, Q.; Yang, Y.; Wen, T.; Xia, H. *Angew. Chem. Int. Ed.* **2018**, *57*, 3154.