

研究队伍

- 院士专家
- 研究员
- 杰出青年
- 副研究员
- 人才招聘

您的位置: 首页>研究队伍>人才

姓名:	李昂	性别:	男
职称:	研究员	学历:	博士:研究生
电话:	021-54925466	传真:	
电子邮件:	ali@sioe.ac.cn	个人主页:	http://angligroup.sioe.ac.cn
通讯地址:	上海市零陵路345号 200032		



简历:

2000.9-2004.6 北京大学化学与分子工程学院, 理学学士, 导师: 杨震教授;
 2004.7-2009.11 The Scripps Research Institute, California, USA, Ph.D., 导师: Prof. K. C. Nicolaou;
 2010.1-2010.9 Institute of Chemical and Engineering Sciences, Singapore, research fellow, 导师: Prof. K. C. Nicolaou;
 2010.9-至今中国科学院上海有机化学研究所研究员

研究方向:

天然产物全合成

专家类别:

研究员

职务:

生命有机化学国家重点实验室副主任; 课题组长

获奖及荣誉:

2017 Asian International Symposium Distinguished Lectureship Award, Chemical Society of Japan
 2017 Tetrahedron Young Investigator Award for Organic Synthesis
 2016 CAPA Distinguished Faculty Award
 2016 ChemComm Emerging Investigator Lectureship
 2015 The National Science Fund for Distinguished Young Scholars
 2015 WuXi PharmaTech Life Science and Chemistry Award
 2015 Roche Chinese Young Investigators Award
 2013 Asian Core Program Lectureship Award
 2013 Chinese Chemical Society Wei-Shan Award for Synthetic Chemistry
 2013 China Pharmaceutical Association-Servier Youth Medicinal Chemist Award
 2013 Thieme Chemistry Journal Award
 2012 Asian Core Program Lectureship Award
 2009 Eli Lilly Graduate Fellowship
 2007 Chinese Government Award for Outstanding Graduate Students Abroad
 2007 Bristol-Myers Squibb Graduate Fellowship in Organic Synthesis

代表论著:

1. Zhang, M. Ding, J. Li, Z. Guo, M. Lu, Y. Chen, L. Liu, Y.-H. Shen, A. Li,* Total synthesis of hybridaphniphylline B, *J. Am. Chem. Soc.* 2018, doi: 10.1021/jacs.8b01681.
2. Y. Chen, W. Zhang, L. Ren, J. Li, A. Li,* Total syntheses of daphenylline, daphnipaxianine A, and himalencine D, *Angew. Chem. Int. Ed.* 2018, 57, 952-956.
3. J. Li, W. Zhang, F. Zhang, Y. Chen, A. Li,* Total synthesis of longeracniphyllin A, *J. Am. Chem. Soc.* 2017, 139, 14893-14896.
4. Z. Zhang, J. Wang, J. Li, F. Yang, G. Liu, W. Tang, W. He, J.-J. Fu, Y.-H. Shen,* A. Li,* W.-D. Zhang,* Total synthesis and stereochemical assignment of delavatine A: Rh-catalyzed asymmetric hydrogenation of indene-type tetrasubstituted olefins and kinetic resolution through Pd-catalyzed triflamide-directed C#H olefination, *J. Am. Chem. Soc.* 2017, 139, 5558-5567.
5. W. Zhang, A. Li,* A radical step forward, *Nature Chemistry* 2017, 9, 198-199.
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9. M. Yang, X. Yang, H. Sun, A. Li,* Total synthesis of ileabothoxazole, pseudopteroxazole, and seco-pseudopteroxazole, *Angew. Chem. Int. Ed.* 2016, 55, 2851-2855.
10. Z. Lu, H. Li, M. Bian, A. Li,* Total synthesis of epoxyeujindole A, *J. Am. Chem. Soc.* 2015, 137, 13764-13767.

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12. M. Yang, J. Li, A. Li,* Total synthesis of clostrubin, *Nature Communications* 2015, 6, 6445.
13. Z. Meng, H. Yu, L. Li, W. Tao, H. Chen, M. Wan, D. J. Edmonds, J. Zhong, A. Li,* Total synthesis and antiviral activity of indolosesquiterpenoids from the xiamycin and oridamycin families, *Nature Communications* 2015, 6, 6096.
14. J. Li, P. Yang, M. Yao, J. Deng, A. Li,* Total synthesis of rubriflordilactone A, *J. Am. Chem. Soc.* 2014, 136, 16477 - 16480.
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16. Y. Sun, P. Chen, D. Zhang, M. Baunach, C. Hertweck, A. Li,* Bioinspired total synthesis of sespenine, *Angew. Chem. Int. Ed.* 2014, 53, 9012 - 9016.
17. J. Deng, S. Zhou, W. Zhang, J. Li, R. Li, A. Li,* Total synthesis of taiwaniadducts B, C, and D, *J. Am. Chem. Soc.* 2014, 136, 8185 - 8188.
18. Y. Sun, R. Li, W. Zhang, A. Li,* Total synthesis of indotertine A and drimentines A, F, and G, *Angew. Chem. Int. Ed.* 2013, 52, 9201 - 9204.
19. Z. Lu, Y. Li, J. Deng, A. Li,* Total synthesis of the Daphniphyllum alkaloid daphenylline, *Nature Chemistry* 2013, 5, 679 - 684.
20. M. Bian, Z. Wang, X. Xiong, Y. Sun, C. Matera, K. C. Nicolaou,* A. Li,* Total syntheses of anominine and tubingensin A, *J. Am. Chem. Soc.* 2012, 134, 8078 - 8081.
21. J. Deng, B. Zhu, Z. Lu, H. Yu, A. Li,* Total synthesis of (-)-fusarisetin A and reassignment of the absolute configuration of its natural counterpart, *J. Am. Chem. Soc.* 2012, 134, 920 - 923.



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