


姓名	丁宝清	性别	男	
出生日期	1983.10	职称	教授	
学历	研究生	学位	博士	
毕业院校	Baylor University	学科专业	生物学	
任课名称	现代园艺科学前沿			
电话		EMAIL	ding.baoqing@njau.edu.cn	
学习和工作经历	<p>2002-2006 华中农业大学 水产养殖 学士</p> <p>2006-2009 中国科学院水生生物研究所 硕士</p> <p>2009-2014 Baylor University 博士研究生</p> <p>2014-2021 University of Connecticut 博士后</p> <p>2021-至今 南京农业大学园艺学院</p> <p>主要从事植物花色和花型的遗传和发育机理研究。</p>			
科研项目				
发表论文	<p>1. <b>Ding B</b>, R Xia, V Gurung, JM Sagawa, LE Stanley, M Strobel, Q Lin, PK Diggle, BC Meyers, YW Yuan. 2020. Developmental genetics of corolla tube formation: role of the tasiRNA-ARF pathway. <i>The Plant Cell</i>. 32: 3452-3468.</p> <p>2. Stanley LE, <b>B Ding</b>, W Sun, F Mou, C Hill, S Chen, YW Yuan. 2020. A tetratricopeptide repeat protein regulates carotenoid biosynthesis and chromoplast development in monkeyflowers (<i>Mimulus</i>). <i>The Plant Cell</i>. 32: 1536-1555.</p> <p>3. <b>Ding B*</b>, Erin L. Patterson*, Srinidhi Holalu*, Jingjian Li, Grace A. Johnson, Lauren E. Stanley, Anna B. Greenlee, Foen Peng, H. D. Bradshaw Jr., Michael L. Blinov, Benjamin K. Blackman#, Yao-Wu Yuan#. 2020. Two MYB proteins in a self-organizing activator-inhibitor system produce spotted pigmentation patterns. <i>Current Biology</i>. 30: 1-13. (*equal contribution;#Co-senior authors)</p>			

4. Husemann M, M Tobler, **B Ding**, R Nguyen, C McCauley, T Pilger, PD Danley. 2018. Complex patterns of genetic and phenotypic divergence in populations of the Lake Malawi cichlid *Maylandia zebra*. *Hydrobiologia*. 832: 135-151.
5. Tang, QY, XB Li, D Yu, YR Zhu, **B Ding**, HZ Liu, PD Danley. 2018. *Saurogobio punctatus* sp. nov., a new cyprinid gudgeon (Teleostei: Cypriniformes) from the Yangtze River, based on both morphological and molecular data. *Journal of Fish Biology*. 92: 347-364.
6. LaFountain AM, W Chen, W Sun, S Chen, HA Frank, **B Ding**, YW Yuan. 2017. Molecular basis of overdominance at a flower color locus. *G3: Genes, Genomes, Genetics*. 7: 3947–3954.
7. **Ding B**, F Mou, W Sun, S Chen, F Peng, HD Bradshaw Jr., YW Yuan. 2017. A dominant-negative actin mutation alters corolla tube width and pollinator visitation in *Mimulus lewisii*. *New Phytologist*. 213: 1936–1944.
8. Husemann M, M Tobler, C McCauley, **B Ding**, PD Danley. 2017. Body shape differences in a pair of closely related Malawi cichlids and their hybrids: Effects of genetic variation, phenotypic plasticity, and transgressive segregation. *Ecology and Evolution*. 7: 4336-4346.
9. **Ding B**, YW Yuan. 2016. Testing the utility of fluorescent proteins in *Mimulus lewisii* by an *Agrobacterium*-mediated transient assay. *Plant Cell Reports*. 35: 771-777.
10. **Ding B**, JP Curole, M Husemann, PD Danley. 2015. Habitat complexity predicts the community diversity of rock-dwelling cichlid fish in Lake Malawi, East Africa. *Hydrobiologia*. 748: 133-143.
11. Husemann M, R Nguyen, **B Ding**, PD Danley. 2015. A genetic demographic analysis of Lake Malawi rock-dwelling cichlids using

spatio-temporal sampling. *Molecular Ecology*. 24: 2686-2701.

12. Gu QH, M Husemann, **B Ding**, BX Xiong. 2015. Population genetic structure of *Bellamya aeruginosa* (Mollusca: Gastropoda: Viviparidae): low genetic divergence with high genetic polymorphism. *Ecology and Evolution*. 5: 4906–4919.

13. **Ding B**, DW Daugherty, M Husemann, M Chen, A Howe, PD Danley. 2014. Quantitative genetic analyses of male color pattern and female mate choice in a pair of cichlid fishes in Lake Malawi, East Africa. *PLoS ONE*. 9:e114798.

14. Husemann M, M Tobler, C McCauley, **B Ding**, PD Danley. 2014. Evolution of body shape in differently colored sympatric congeners and allopatric populations of Lake Malawi' s rock-dwelling cichlids. *Journal of Evolutionary Biology*. 27: 826-839.

15. Danley PD, Husemann M, **B Ding**, LM DiPietro, EJ Beverly, DJ Peppe. 2012. The impact of the geologic history and paleoclimate on the diversification of East African cichlids. *International Journal of Evolutionary Biology*. Article ID 574851.

16. 丁宝清, 刘焕章. 2011. 长江流域鱼类食性同资源集团组成特征分析. *四川动物*, 30:31-35.

17. Yu D, **B Ding**, H Liu. 2009. Isolation and characterization of 11 polymorphic microsatellite loci for the *Saurogobio dabryi* (Teleostei: Cyprinidae). *Conservation Genetics Resources*. 1:471–473.