

公示附件

上海市自然科学奖

项目名称：植物-微生物共生的机理

代表性论文目录：

1. Yina Jiang[#], Wanxiao Wang, Qiujin Xie, Na Liu, Lixia Liu, Dapeng Wang, Xiaowei Zhang, Chen Yang, Xiaoya Chen, Dingzhong Tang, **Ertao Wang***. Plants Transfer Lipids to Sustain Colonization by Mutualistic Mycorrhizal and Parasitic Fungi. *Science* (2017) 356: 1172-1175.
2. Jincai Shi[#], Boyu Zhao, Shuang Zheng, Xiaowei Zhang, Xiaolin Wang, Wentao Dong, Qiuqing Xie, Gang Wang, Yunping Xiao, Fan Chen, Nan Yu, **Ertao Wang***. A Phosphate Starvation Response (PHR)-centered network regulates mycorrhizal symbiosis. *Cell* (2021) 184, 1-14.
3. Jiangman He[#], Chi Zhang, Huiling Dai, Huan Liu, Xiaowei Zhang, Jun Yang, Xi Chen, Yayun Zhu, Dapeng Wang, Xiaofeng Qi, Weichao Li, Zhihui Wang, Guoyong An, Nan Yu, Zuhua He, Yong-Fei Wang, Youli Xiao, Peng Zhang, **Ertao Wang***. A LysM Receptor Heteromer Mediates Perception of Arbuscular Mycorrhizal Symbiotic Signal in Rice. *Molecular Plant* (2019) 12: 1561-1576.
4. Wentao Dong[#], Yayun Zhu, Huizhong Chang, Chunhua Wang, Jun Yang, Jincai Shi, Jinpeng Gao, Weibing Yang, Liying Lan, Yuru Wang, Xiaowei Zhang, Huiling Dai, Yuchen Miao, Lin Xu, Zuhua He, Chunpeng Song, Shuang Wu, Dong Wang, Nan Yu, **Ertao Wang***. An SHR-SCR module specifies legume cortical cell fate to enable nodulation. *Nature* (2021) 589: 586-590.
5. Yue Jin[#], Huan Liu[#], Dexian Luo, Nan Yu, Wentao Dong, Chao Wang, Xiaowei Zhang, Huiling Dai, Jun Yang, **Ertao Wang***. DELLA proteins are common components of symbiotic rhizobial and mycorrhizal signalling pathways. *Nature Communications* (2016) 12: 12433.

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提名等级：一等奖