

孙廷哲

博士，教授，硕士生导师。毕业于南京大学生命科学学院，获理学博士学位。主要研究领域为系统生物学。主持省级以上项目 4 项。

一、主讲课程

《生物统计学》、《生态模型》

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二、工作经历

2022.1 至今 安庆师范大学，生命科学学院，教授
2016.11-2021.12 安庆师范大学，生命科学学院，副教授
2013.06-2016.10 安庆师范大学，生命科学学院，讲师

三、近年发表论文(*为通讯作者)

1. Huaguang Qin, Wuxuan Hong, Zehua Qi, Yinghong Hu, Rui Shi, Shuyuan Wang, Yuxi Wang, Jianping Zhou, Dan Mu, Jianyu Fu* and **Tingzhe Sun***. A temperature-dependent model for tritrophic interactions involving tea plant, tea green leafhoppers and natural enemies. *Insects*, (2022), 13: 686. (IF=3.139, Q1)
2. Dan Mu, Huaguang Qin, Mengjie Jiao, Shaogui Hua, **Tingzhe Sun***. Modeling the neuro-protection of theaflavic acid from black tea and its synergy with Nimodipine via mitochondria apoptotic pathway. *Journal of Zhejiang University-SCIENCE B*, (2021), 22: 123-135. (IF = 5.552, Q1)
3. Dan Mu, Chenyang Pan, Zehua Qi, Huaguang Qin, Qin Li, Kexin Liang, Yuchun Rao*, **Tingzhe Sun***. Multivariate analysis of volatile profiles in tea plant infested by tea green leafhopper *Empoasca onukii* Matsuda. *Plant Growth Regulation*, (2021), 95: 111-120. (IF = 3.242, Q2)
4. **Tingzhe Sun***. Multi-scale modeling of hippo signaling identifies homeostatic control by YAP-LATS negative feedback. *Biosystems*, (2021), 208: 104475. (IF = 1.957, Q3)
5. **Tingzhe Sun***, Dan Weng*. Estimating the effects of asymptomatic and imported patients on COVID-19 epidemic using mathematical modeling, *Journal of Medical Virology*. (2020), 92(10): 1995-2003. (IF = 20.693, Q1)
6. **Tingzhe Sun***, Yan Wang. Modeling COVID-19 epidemic in Heilongjiang province, China.

Chaos, Solitons and Fractals (2020), 138: 109949. (IF = 9.922, Q1)

7. **Tingzhe Sun***, Dan Mu*. Multi-scale modeling identifies the role of p53-Gys2 negative feedback loop in cellular homeostasis. *Mathematical Biosciences and Engineering*, (2020). 17(4): 3260-3273. (IF = 2.194, Q3)
8. **Tingzhe Sun***, Dan Mu and Jun Cui*. Mathematical model identifies effective P53 accumulation with target gene binding affinity in DNA damage response for cell fate decision. *Cell Cycle*. (2018), 17(24): 2716-2730. (IF = 5.173, Q2)
9. Huifang Xian, Weihong Xie, Shuai Yang, Qingxiang Liu, Xiaojun Xia, Shouheng Jin, **Tingzhe Sun***, Jun Cui*. Stratified ubiquitination of RIG-I creates robust immune response and induces selective gene expression. *Science Advances*. (2017), 3: e1701764. (IF = 14.957, Q1)