**2023年度国家科学技术奖励拟提名项目公示内容**

（自然科学奖）

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| **项目名称** | 情绪和社会行为的脑机制 |
| **提名者** | 浙江省 |
| **代表性论文（专著）目录** | 1. Kun Li#, Tao Zhou#, Lujian Liao, Zhongfei Yang, Catherine Wong, Fritz Henn, Roberto Malinow, John R. Yates III, **Hailan Hu\***. βCaMKII in lateral habenula mediates core symptoms of depression. Science, 341(6149) (2013), 1016-1020.
2. Yan Yang#, Yihui Cui#, Kangning Sang#, Yiyan Dong#, Zheyi Ni, Shuangshuang Ma, **Hailan Hu\***. Ketamine blocks bursting in the lateral habenula to rapidly relieve depression. Nature, 554(7692) (2018a), 317-322.
3. Yihui Cui, Yan Yang, Zheyi Ni, Yiyan Dong, Guohong Cai，Alexandre Foncelle, Shuangshuang Ma, Kangning Sang, Siyang Tang, Yuezhou Li, Ying Shen, Hugues Berry, Shengxi Wu, **Hailan Hu\***. Astroglial Kir4.1 in the lateral habenula drives neuronal bursts in depression. Nature, 554(7692) (2018b), 323-327.
4. Fei Wang, Jun Zhu, Hong Zhu, Qi Zhang, Zhanmin Lin, **Hailan Hu\***. Bidirectional control of social hierarchy by synaptic efficacy in medial prefrontal cortex. Science, 334(6056) (2011), 693-697.
5. Tingting Zhou#, Hong Zhu#, Zhengxiao Fan, Fei Wang, Yang Chen, Hexing Liang, Zhongfei Yang, Lu Zhang, Longnian Lin, Yang Zhan, Zheng Wang, **Hailan Hu\***. History of winning remodels thalamo-PFC circuit to reinforce social dominance. Science, 357(6347) (2017), 162-168.

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