附件4

2025年度省自然科学奖提名公示

一、项目名称：下呼吸道感染的炎症免疫特征及诊断优化和应用

二、提名单位：贵州省卫生健康委员会

三、代表性论文专著目录

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **论文专著名称/刊名/作者** | **年卷页码**  **（xx年xx卷xx页）** | **发表时间**  **（年月日）** | **通讯作者**  **（含共同）** | **第一作者**  **（含共同）** | **他引总次数** | **检索数据库** | **论文署名单位是否包含国**  **（境）外单位** |
| 1 | Pseudomonas aeruginosa: pathogenesis, virulence factors, antibiotic resistance, interaction with host, technology advances and emerging therapeutics/ Signal Transduct Target Ther/ Shugang Qin, Wen Xiao, Chuanmin Zhou, Qinqin Pu, Xin Deng, Lefu Lan, Haihua Liang, Xiangrong Song and  Min Wu | 2022 Jun 25;7(1):199 | 25 June 2022 | Xiangrong Song, Min Wu | Shugang Qin, Wen Xiao, Chuanmin Zhou | 1496 | 广东省科学技术情报研究所 | 是 |
| 2 | Type I CRISPR-Cas targets endogenous genes and regulates virulence to evade mammalian host immunity/ Cell Res/ Rongpeng Li, Lizhu Fang, Shirui Tan, Min Yu, Xuefeng Li, Sisi He, Yuquan Wei, Guoping Li, Jianxin Jiang & Min Wu | 2016 Dec;26(12):1273-1287. | 18 November 2016 | Jianxin Jiang, Min Wu | Rongpeng Li | 128 | 广东省科学技术情报研究所 | 是 |
| 3 | High-throughput screen reveals sRNAs regulating crRNA biogenesis by targeting CRISPR leader to repress Rho termination/ Nature Communications/ Ping Lin, Qinqin Pu, Qun Wu, Chuanmin Zhou, Biao Wang, Jacob Schettler, Zhihan Wang, Shugang Qin, Pan Gao, Rongpeng Li, Guoping Li, Zhenyu Cheng, Lefu Lan, Jianxin Jiang, Min Wu | 2019 Aug 19;10(1):3728 | 19 August 2019 | Jianxin Jiang, Min Wu | Ping Lin | 43 | 广东省科学技术情报研究所 | 是 |
| 4 | Type III CRISPR-based RNA editing for programmable control of SARS-CoV-2 and human coronaviruses/ Nucleic Acids Res/ Ping Lin, Guanwang Shen, Kai Guo, Shugang Qin, Qinqin Pu, Zhihan Wang, Pan Gao, Zhenwei Xia, Nadeem Khan, Jianxin Jiang, Qingyou Xia, Min Wu | 2022 May 6;50(8):e47 | 15 February 2022 | Qingyou Xia, Min Wu | Ping Lin, Guanwang Shen, Kai Guo, Shugang Qin | 21 | 广东省科学技术情报研究所 | 是 |
| 5 | Metagenomic next-generation sequencing for pulmonary infections diagnosis in patients with diabetes/ BMC Pulmonary Medicine /Siqin Zhang, Jing Ou, Yuxue Tan, Bin Yang, Yaoyao Wu, Lin Liu | 2023 Apr 28;23(1):142 | 28 April 2023 | Lin Liu | Siqin Zhang | 6 | 广东省科学技术情报研究所 | 否 |

四、主要完成人：刘琳、吴敏、吴瑶瑶，杨斌，袁国航，张思琴

五、主要完成单位：贵州省人民医院、国科温州研究院（温州生物材料与工程研究所）