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|------|---------|------|------|----|----|
| 姓名 | 江何伟 | 性别 | 男 | 民族 | 汉 |
| 出生年月 | 1990-06 | 政治面貌 | 中共党员 | 学历 | 博士 |

教育经历:

2007-09 至 2011-07 安徽大学/本科 学士 专业: 生物技术
 2011-09 至 2018-07 上海交通大学/博士研究生 博士 专业: 生物学 导师: 陶生策

工作经历:

2018-07 至 2022-09 上海交通大学 / 博士后 专业: 生物学
 2022-10 至今 上海交通大学 / 助理研究员

获奖情况:

2018年度荣获 上海市 超级博士后 激励计划资助
 2020年度荣获 上海交通大学 晨星博士后 激励计划资助

基金资助情况:

国家自然科学基金项目, 31900112, 2020-01-01 至 2022-12-31, 24万元, 主持
 中国博士后科学基金新冠疫情防控专项资助, 2021-01-01 至 2023-12-31, 19万元, 主持

代表性论文情况 (涉及第一作者, 共同第一和共同通讯)

一、邻近标记技术开发及应用

- Jiang HW**, Czajkowsky DM, Wang T, et al. Identification of Serine 119 as an Effective Inhibitor Binding Site of M. tuberculosis Ubiquitin-like Protein Ligase PafA Using Purified Proteins and M. smegmatis. *EBioMedicine*. 2018;30:225-236.
- Jiang HW**, Chen H, Zheng YX, et al. Specific pupylation as IDentity reporter (SPIDER) for the identification of protein-biomolecule interactions. *Science China Life Science*. 2023;1-19.
- Jiang HW**, Zhang HN, Meng QF, et al. SARS-CoV-2 Orf9b suppresses type I interferon responses by targeting TOM70. *Cellular & molecular immunology*. 2020;17(9):998-1000. **Cite: 227**
- Zheng YX, **Jiang HW**, Tao SC, et al. Nsp2 has the potential to be a drug target revealed by global identification of SARS-CoV-2 Nsp2-interacting proteins. *ABBS*. 2021 Aug 31;53(9):1134-1141. **Co-corresponding author**
- Wang XN, **Jiang HW**, Tao SC, et al. Identification of sitagliptin binding proteins by affinity purification mass spectrometry. *ABBS*. 2022 Oct 25;54(10):1453-1463. **Co-corresponding author**

二、蛋白质芯片技术应用

- Jiang HW**, Li Y, Zhang HN, et al. SARS-CoV-2 proteome microarray for global profiling of COVID-19 specific IgG and IgM responses. *Nature Communications*. 2020 Jul 14;11(1):3581. **Cite: 238**
- Jiang HW**, Tao SC. Quantitative plasma proteome profiling of COVID-19 patients with mild and moderate symptoms. *EBioMedicine* 2022 Jan;75:103773.
- Jiang HW**, Li Y, Tao SC. SARS-CoV-2 peptides/epitopes for specific and sensitive diagnosis. *Cellular & molecular immunology*. 2023;1-3.
- Lai DY, **Jiang HW**, Tao SC, et al. SARS-CoV-2 proteome microarray for COVID-19 patient sera profiling. *STAR Protocols*. 2022 Feb 28;3(2):101238. **Co-first author**
- Qi H, Ma, ML, **Jiang HW**, et al. Systematic profiling of SARS-CoV-2-specific IgG epitopes at amino acid resolution. *Cellular & molecular immunology*, 2021 Apr;18(4):1067-1069. **Co-first author**
- Li Y, Lai DY, Zhang HN, **Jiang HW**, et al. Linear epitopes of SARS-CoV-2 spike protein elicit neutralizing antibodies in COVID-19 patients. *Cellular & Molecular Immunology*. 2020 Oct;17(10):1095-1097. **Co-first author**
- Xue JB, Lai DY, **Jiang HW**, et al. Landscape of the RBD-specific IgG, IgM, and IgA responses triggered by the inactivated virus vaccine against the Omicron variant. *Cell Discovery*. 2022 Feb 15;8(1):15. **Co-first author**

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