

# Shixiang Wang

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## Education

- 2016.09 ~ Present, Ph.D Student, Biology (focusing on cancer informatics), ShanghaiTech. University, Shanghai, China
- 2012.09 ~ 2016.07, B.E. Biomedical Engineering, University of Electronic Science and Technology of China, Chengdu, China

## Professional skills

- Statistics. I have moderate experience in using R for statistical modeling and data visualization.
- Writing. I like to write with Markdown and R Markdown.

## Publications

### 1. Periodicals

- Wang et al., (2019). The UCSCXenaTools R package: a toolkit for accessing genomics data from UCSC Xena platform, from cancer multi-omics to single-cell RNA-seq. *Journal of Open Source Software*, 4(40), 1627, <https://doi.org/10.21105/joss.01627> ([PDF](#))
- He, Z., **Wang, S.**, Shao, Y., Zhang, J., Wu, X., Chen, Y., ... & Liu, X. S. (2019). Ras downstream effector GGCT alleviates oncogenic stress. **iScience**. ([PDF](#))
- **Wang, S.**, Zhang, J., He, Z., Wu, K., & Liu, X. S. (2019). The predictive power of tumor mutational burden in lung cancer immunotherapy response is influenced by patients' sex. *International journal of cancer*. ([PDF](#))

- **Wang, S.**, Jia, M., He, Z., & Liu, X. S. (2018). APOBEC3B and APOBEC mutational signature as potential predictive markers for immunotherapy response in non-small cell lung cancer. *Oncogene*, 37(29), 3924. ([PDF](#))