

# Yanxiao Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2211906/publications.pdf>

Version: 2024-02-01

26  
papers

2,321  
citations

516710

16  
h-index

677142

22  
g-index

36  
all docs

36  
docs citations

36  
times ranked

4370  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Joint profiling of histone modifications and transcriptome in single cells from mouse brain. <i>Nature Methods</i> , 2021, 18, 283-292.   | 19.0 | 171       |
| 2  | Comprehensive analysis of single cell ATAC-seq data with SnapATAC. <i>Nature Communications</i> , 2021, 12, 1337.   | 12.8 | 253       |
| 3  | CTCF mediates dosage- and sequence-context-dependent transcriptional insulation by forming local chromatin domains. <i>Nature Genetics</i> , 2021, 53, 1064-1074.   | 21.4 | 90        |
| 4  | Cardiac cell type-specific gene regulatory programs and disease risk association. <i>Science Advances</i> , 2021, 7, .  | 10.3 | 63        |
| 5  | SnapHiC: a computational pipeline to identify chromatin loops from single-cell Hi-C data. <i>Nature Methods</i> , 2021, 18, 1056-1059.  | 19.0 | 46        |
| 6  | An atlas of dynamic chromatin landscapes in mouse fetal development. <i>Nature</i> , 2020, 583, 744-751.  | 27.8 | 257       |
| 7  | Significant association between host transcriptome-derived HPV oncogene E6 * influence score and carcinogenic pathways, tumor size, and survival in head and neck cancer. <i>Head and Neck</i> , 2020, 42, 2375-2389. | 2.0  | 9         |
| 8  | Genome-wide association and multi-omic analyses reveal ACTN2 as a gene linked to heart failure. <i>Nature Communications</i> , 2020, 11, 1122.  | 12.8 | 57        |
| 9  | Transcriptionally active HERV-H retrotransposons demarcate topologically associating domains in human pluripotent stem cells. <i>Nature Genetics</i> , 2019, 51, 1380-1388.   | 21.4 | 236       |
| 10 | Joint profiling of DNA methylation and chromatin architecture in single cells. <i>Nature Methods</i> , 2019, 16, 991-993.   | 19.0 | 155       |
| 11 | MAPS: Model-based analysis of long-range chromatin interactions from PLAC-seq and HiChIP experiments. <i>PLoS Computational Biology</i> , 2019, 15, e1006982.   | 3.2  | 94        |
| 12 | Degeneration of Injured Axons and Dendrites Requires Restraint of a Protective JNK Signaling Pathway by the Transmembrane Protein Raw. <i>Journal of Neuroscience</i> , 2019, 39, 8457-8470.                          | 3.6  | 11        |
| 13 | Single-nucleus analysis of accessible chromatin in developing mouse forebrain reveals cell-type-specific transcriptional regulation. <i>Nature Neuroscience</i> , 2018, 21, 432-439.                                  | 14.8 | 290       |
| 14 | HPV Integration in HNSCC Correlates with Survival Outcomes, Immune Response Signatures, and Candidate Drivers. <i>Molecular Cancer Research</i> , 2018, 16, 90-102.   | 3.4  | 151       |
| 15 | Expressed HNSCC variants by HPV-status in a well-characterized Michigan cohort. <i>Scientific Reports</i> , 2018, 8, 11458.   | 3.3  | 18        |
| 16 | A Scalable Epitope Tagging Approach for High Throughput ChIP-Seq Analysis. <i>ACS Synthetic Biology</i> , 2017, 6, 1034-1042.   | 3.8  | 19        |
| 17 | Genomic binding of PAX8-PPARG fusion protein regulates cancer-related pathways and alters the immune landscape of thyroid cancer. <i>Oncotarget</i> , 2017, 8, 5761-5773.   | 1.8  | 14        |
| 18 | Subtypes of HPV-Positive Head and Neck Cancers Are Associated with HPV Characteristics, Copy Number Alterations, PIK3CA Mutation, and Pathway Signatures. <i>Clinical Cancer Research</i> , 2016, 22, 4735-4745.      | 7.0  | 107       |

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|----|---|-----|-----------|
| 19 | Adipogenic Differentiation of Thyroid Cancer Cells Through the Pax8-PPAR $\gamma$ Fusion Protein Is Regulated by Thyroid Transcription Factor 1 (TTF-1). Journal of Biological Chemistry, 2016, 291, 19274-19286. | 3.4 | 14        |
| 20 | Abstract 1511: Mutational signatures from RNA-seq data distinguish HPV(+) and HPV(-) HNSCC. , 2016, , .   |     | 0         |
| 21 | Abstract 1515: Identification and characterization of HPV-host fusion transcripts in HNSCCs. , 2016, , .  |     | 0         |
| 22 | Genomic binding and regulation of gene expression by the thyroid carcinoma-associated PAX8-PPARG fusion protein. Oncotarget, 2015, 6, 40418-40432.  | 1.8 | 19        |
| 23 | Abstract 2180: Immune, keratinocyte, and fibroblast expression signatures distinguish HNSCC samples by HPV status. , 2015, , .  |     | 0         |
| 24 | Abstract 4808: Identification of genes with variants in HPV-associated head and neck squamous cell carcinoma. , 2015, , .   |     | 0         |
| 25 | Abstract 2184: Gene expression analysis of human papillomavirus positive head and neck cancer primary tumor samples reveals two distinct subgroups. , 2015, , .   |     | 0         |
| 26 | PePr: a peak-calling prioritization pipeline to identify consistent or differential peaks from replicated ChIP-Seq data. Bioinformatics, 2014, 30, 2568-2575.   | 4.1 | 114       |