# Xiaoyin Chen

## List of Publications by Year
in descending order

| | | |
|---|---|---|
| 9 papers | 908 citations | 1163117<br>8 h-index | 1474206<br>9 g-index |
| 15 all docs | 15 docs citations | 15 times ranked | 1529 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Enhanced neuronal RNAi in C. elegans using SID-1. Nature Methods, 2010, 7, 554-559. | 19.0 | 333 |
| 2 | High-Throughput Mapping of Long-Range Neuronal Projection Using In Situ Sequencing. Cell, 2019, 179, 772-786.e19. | 28.9 | 146 |
| 3 | Efficient in situ barcode sequencing using padlock probe-based BaristaSeq. Nucleic Acids Research, 2018, 46, e22-e22. | 14.5 | 120 |
| 4 | Cellular anatomy of the mouse primary motor cortex. Nature, 2021, 598, 159-166. | 27.8 | 117 |
| 5 | Integrating barcoded neuroanatomy with spatial transcriptional profiling enables identification of gene correlates of projections. Nature Neuroscience, 2021, 24, 873-885. | 14.8 | 55 |
| 6 | Modulation of *C. elegans* Touch Sensitivity Is Integrated at Multiple Levels. Journal of Neuroscience, 2014, 34, 6522-6536. | 3.6 | 52 |
| 7 | Regulation of Mechanosensation in *C. elegans* through Ubiquitination of the MEC-4 Mechanotransduction Channel. Journal of Neuroscience, 2015, 35, 2200-2212. | 3.6 | 23 |
| 8 | BARcode DEmixing through Non-negative Spatial Regression (BarDensr). PLoS Computational Biology, 2021, 17, e1008256. | 3.2 | 16 |
| 9 | Identification of Nonviable Genes Affecting Touch Sensitivity in Caenorhabditis elegans Using Neuronally Enhanced Feeding RNA Interference. G3: Genes, Genomes, Genetics, 2015, 5, 467-475. | 1.8 | 8 |