

Xiaoyin Chen

List of Publications by Year in descending order

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papers

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docs citations

15
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1529
citing authors

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