Jose Fernandez Navarro

List of Publications by Year in descending order

17 papers	4,428 citations	471509 17 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	4956 citing authors

#	Article	IF	Citations
1	Visualization and analysis of gene expression in tissue sections by spatial transcriptomics. Science, 2016, 353, 78-82.	12.6	1,983
2	High-definition spatial transcriptomics for in situ tissue profiling. Nature Methods, 2019, 16, 987-990.	19.0	708
3	Spatial Transcriptomics and In Situ Sequencing to Study Alzheimerâ€™s Disease. Cell, 2020, 182, 976-991.e19.	28.9	491
4	Single-cell and spatial transcriptomics enables probabilistic inference of cell type topography. Communications Biology, 2020, 3, 565.	4.4	252
5	Molecular atlas of the adult mouse brain. Science Advances, 2020, 6, eabb3446.	10.3	183
6	Barcoded solid-phase RNA capture for Spatial Transcriptomics profiling in mammalian tissue sections. Nature Protocols, 2018, 13, 2501-2534.	12.0	144
7	Spatially resolved transcriptome profiling in model plant species. Nature Plants, 2017, 3, 17061.	9.3	135
8	ST Pipeline: an automated pipeline for spatial mapping of unique transcripts. Bioinformatics, 2017, 33, 2591-2593.	4.1	81
9	Spatial detection of fetal marker genes expressed at low level in adult human heart tissue. Scientific Reports, 2017, 7, 12941.	3.3	62
10	Spatial Transcriptomics Reveals Genes Associated with Dysregulated Mitochondrial Functions and Stress Signaling in Alzheimer Disease. IScience, 2020, 23, 101556.	4.1	61
11	Identification of early neurodegenerative pathways in progressive multiple sclerosis. Nature Neuroscience, 2022, 25, 944-955.	14.8	55
12	Identification and transfer of spatial transcriptomics signatures for cancer diagnosis. Breast Cancer Research, 2020, 22, 6.	5.0	54
13	An automated approach to prepare tissue-derived spatially barcoded RNA-sequencing libraries. Scientific Reports, 2016, 6, 37137.	3.3	52
14	Determining the calibration of confidence estimation procedures for unique peptides in shotgun proteomics. Journal of Proteomics, 2013, 80, 123-131.	2.4	49
15	Massive and parallel expression profiling using microarrayed single-cell sequencing. Nature Communications, 2016, 7, 13182.	12.8	44
16	ST Spot Detector: a web-based application for automatic spot and tissue detection for spatial Transcriptomics image datasets. Bioinformatics, 2018, 34, 1966-1968.	4.1	30
17	ST viewer: a tool for analysis and visualization of spatial transcriptomics datasets. Bioinformatics, 2019, 35, 1058-1060.	4.1	30