

Patrik L Ståhl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3452492/publications.pdf>

Version: 2024-02-01

25
papers

4,644
citations

430874

18
h-index

610901

24
g-index

30
all docs

30
docs citations

30
times ranked

5591
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualization and analysis of gene expression in tissue sections by spatial transcriptomics. <i>Science</i> , 2016, 353, 78-82.	12.6	1,983
2	High-definition spatial transcriptomics for in situ tissue profiling. <i>Nature Methods</i> , 2019, 16, 987-990.	19.0	708
3	A Spatiotemporal Organ-Wide Gene Expression and Cell Atlas of the Developing Human Heart. <i>Cell</i> , 2019, 179, 1647-1660.e19.	28.9	470
4	Spatial maps of prostate cancer transcriptomes reveal an unexplored landscape of heterogeneity. <i>Nature Communications</i> , 2018, 9, 2419.	12.8	374
5	Barcoded solid-phase RNA capture for Spatial Transcriptomics profiling in mammalian tissue sections. <i>Nature Protocols</i> , 2018, 13, 2501-2534.	12.0	144
6	Spatially resolved transcriptome profiling in model plant species. <i>Nature Plants</i> , 2017, 3, 17061.	9.3	135
7	The age and genomic integrity of neurons after cortical stroke in humans. <i>Nature Neuroscience</i> , 2014, 17, 801-803.	14.8	108
8	Spatial mapping reveals human adipocyte subpopulations with distinct sensitivities to insulin. <i>Cell Metabolism</i> , 2021, 33, 1869-1882.e6.	16.2	92
9	ST Pipeline: an automated pipeline for spatial mapping of unique transcripts. <i>Bioinformatics</i> , 2017, 33, 2591-2593.	4.1	81
10	Spatial detection of fetal marker genes expressed at low level in adult human heart tissue. <i>Scientific Reports</i> , 2017, 7, 12941.	3.3	62
11	Exploring inflammatory signatures in arthritic joint biopsies with Spatial Transcriptomics. <i>Scientific Reports</i> , 2019, 9, 18975.	3.3	55
12	Identification and transfer of spatial transcriptomics signatures for cancer diagnosis. <i>Breast Cancer Research</i> , 2020, 22, 6.	5.0	54
13	An automated approach to prepare tissue-derived spatially barcoded RNA-sequencing libraries. <i>Scientific Reports</i> , 2016, 6, 37137.	3.3	52
14	Sun-Induced Nonsynonymous p53 Mutations Are Extensively Accumulated and Tolerated in Normal Appearing Human Skin. <i>Journal of Investigative Dermatology</i> , 2011, 131, 504-508.	0.7	49
15	Massive and parallel expression profiling using microarrayed single-cell sequencing. <i>Nature Communications</i> , 2016, 7, 13182.	12.8	44
16	Three-dimensional spatial transcriptomics uncovers cell type localizations in the human rheumatoid arthritis synovium. <i>Communications Biology</i> , 2022, 5, 129.	4.4	35
17	Single cell and spatial transcriptomics in human tendon disease indicate dysregulated immune homeostasis. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1494-1497.	0.9	33
18	ST Spot Detector: a web-based application for automatic spot and tissue detection for spatial Transcriptomics image datasets. <i>Bioinformatics</i> , 2018, 34, 1966-1968.	4.1	30

#	ARTICLE	IF	CITATIONS
19	ST viewer: a tool for analysis and visualization of spatial transcriptomics datasets. <i>Bioinformatics</i> , 2019, 35, 1058-1060.	4.1	30
20	Toward the Single-Hour High-Quality Genome. <i>Annual Review of Biochemistry</i> , 2012, 81, 359-378.	11.1	29
21	Conbase: a software for unsupervised discovery of clonal somatic mutations in single cells through read phasing. <i>Genome Biology</i> , 2019, 20, 68.	8.8	21
22	Visual DNA - Identification of DNA sequence variations by bead trapping. <i>Genomics</i> , 2007, 90, 741-745.	2.9	14
23	Divergent clonal differentiation trajectories establish CD8+ memory T cell heterogeneity during acute viral infections in humans. <i>Cell Reports</i> , 2021, 35, 109174.	6.4	9
24	Translational Database Selection and Multiplexed Sequence Capture for Up Front Filtering of Reliable Breast Cancer Biomarker Candidates. <i>PLoS ONE</i> , 2011, 6, e20794.	2.5	2
25	05.16â€¦Transcriptome visualisation of the inflamed rheumatoid arthritis joint. , 2017, , .		0