

# Jonas FrisÃ©n

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

21,727  
citations

47409

49  
h-index

78623

77  
g-index

85  
all docs

85  
docs citations

85  
times ranked

28140  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clonal relations in the mouse brain revealed by single-cell and spatial transcriptomics. <i>Nature Neuroscience</i> , 2022, 25, 285-294.	7.1	48
2	Identification of a discrete subpopulation of spinal cord ependymal cells with neural stem cell properties. <i>Cell Reports</i> , 2022, 38, 110440.	2.9	18
3	Prostate cancer disease recurrence after radical prostatectomy is associated with <scp>HLA</scp> type and local cytomegalovirus immunity. <i>Molecular Oncology</i> , 2022, 16, 3452-3464.	2.1	6
4	Revisiting remyelination: Towards a consensus on the regeneration of CNS myelin. <i>Seminars in Cell and Developmental Biology</i> , 2021, 116, 3-9.	2.3	82
5	The age of adult pilocytic astrocytoma cells. <i>Oncogene</i> , 2021, 40, 2830-2841.	2.6	6
6	Single-cell transcriptomics of human embryos identifies multiple sympathoblast lineages with potential implications for neuroblastoma origin. <i>Nature Genetics</i> , 2021, 53, 694-706.	9.4	90
7	Divergent clonal differentiation trajectories establish CD8+ memory T cell heterogeneity during acute viral infections in humans. <i>Cell Reports</i> , 2021, 35, 109174.	2.9	9
8	Pericyte-derived fibrotic scarring is conserved across diverse central nervous system lesions. <i>Nature Communications</i> , 2021, 12, 5501.	5.8	98
9	Spatially resolved transcriptomics adds a new dimension to genomics. <i>Nature Methods</i> , 2021, 18, 15-18.	9.0	180
10	Spatial deconvolution of HER2-positive breast cancer delineates tumor-associated cell type interactions. <i>Nature Communications</i> , 2021, 12, 6012.	5.8	140
11	Limits to human neurogenesis—really?. <i>Molecular Psychiatry</i> , 2020, 25, 2207-2209.	4.1	42
12	Distinct oligodendrocyte populations have spatial preference and different responses to spinal cord injury. <i>Nature Communications</i> , 2020, 11, 5860.	5.8	84
13	A Widespread Neurogenic Potential of Neocortical Astrocytes Is Induced by Injury. <i>Cell Stem Cell</i> , 2020, 27, 605-617.e5.	5.2	77
14	Blocking Notch-Signaling Increases Neurogenesis in the Striatum after Stroke. <i>Cells</i> , 2020, 9, 1732.	1.8	26
15	COVID-19—a very visible pandemic. <i>Lancet, The</i> , 2020, 396, e15.	6.3	11
16	Induction of Leptomeningeal Cells Modification Via Intracisternal Injection. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	1
17	A latent lineage potential in resident neural stem cells enables spinal cord repair. <i>Science</i> , 2020, 370, .	6.0	89
18	Activation of a neural stem cell transcriptional program in parenchymal astrocytes. <i>ELife</i> , 2020, 9, .	2.8	51

#	ARTICLE	IF	CITATIONS
19	Conbase: a software for unsupervised discovery of clonal somatic mutations in single cells through read phasing. <i>Genome Biology</i> , 2019, 20, 68.	3.8	21
20	Cell generation dynamics underlying naive T-cell homeostasis in adult humans. <i>PLoS Biology</i> , 2019, 17, e3000383.	2.6	45
21	High-definition spatial transcriptomics for in situ tissue profiling. <i>Nature Methods</i> , 2019, 16, 987-990.	9.0	708
22	Dynamics of oligodendrocyte generation in multiple sclerosis. <i>Nature</i> , 2019, 566, 538-542.	13.7	251
23	Disruption of the Extracellular Matrix Progressively Impairs Central Nervous System Vascular Maturation Downstream of $\beta$ -Catenin Signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1432-1447.	1.1	14
24	A fresh look at adult neurogenesis. <i>Nature Medicine</i> , 2019, 25, 542-543.	15.2	16
25	Regenerating the field of cardiovascular cell therapy. <i>Nature Biotechnology</i> , 2019, 37, 232-237.	9.4	140
26	Reducing Pericyte-Derived Scarring Promotes Recovery after Spinal Cord Injury. <i>Cell</i> , 2018, 173, 153-165.e22.	13.5	242
27	Human Adult Neurogenesis: Evidence and Remaining Questions. <i>Cell Stem Cell</i> , 2018, 23, 25-30.	5.2	601
28	Meningioma growth dynamics assessed by radiocarbon retrospective birth dating. <i>EBioMedicine</i> , 2018, 27, 176-181.	2.7	22
29	Barcoded solid-phase RNA capture for Spatial Transcriptomics profiling in mammalian tissue sections. <i>Nature Protocols</i> , 2018, 13, 2501-2534.	5.5	144
30	The hippocampus in multiple sclerosis. <i>Lancet Neurology</i> , The, 2018, 17, 918-926.	4.9	90
31	Antibody-secreting plasma cells persist for decades in human intestine. <i>Journal of Experimental Medicine</i> , 2017, 214, 309-317.	4.2	173
32	The Lifespan and Turnover of Microglia in the Human Brain. <i>Cell Reports</i> , 2017, 20, 779-784.	2.9	340
33	Comparison of whole genome amplification techniques for human single cell exome sequencing. <i>PLoS ONE</i> , 2017, 12, e0171566.	1.1	63
34	Stars from the darkest night: unlocking the neurogenic potential of astrocytes in different brain regions. <i>Development (Cambridge)</i> , 2016, 143, 1075-1086.	1.2	52
35	Analysis of allelic expression patterns in clonal somatic cells by single-cell RNA-seq. <i>Nature Genetics</i> , 2016, 48, 1430-1435.	9.4	142
36	Eph receptor interclass cooperation is required for the regulation of cell proliferation. <i>Experimental Cell Research</i> , 2016, 348, 10-22.	1.2	7

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37	Massive and parallel expression profiling using microarrayed single-cell sequencing. <i>Nature Communications</i> , 2016, 7, 13182.	5.8	44
38	Neurogenesis and Gliogenesis in Nervous System Plasticity and Repair. <i>Annual Review of Cell and Developmental Biology</i> , 2016, 32, 127-141.	4.0	63
39	Visualization and analysis of gene expression in tissue sections by spatial transcriptomics. <i>Science</i> , 2016, 353, 78-82.	6.0	1,983
40	Alpha-Synuclein Expression in the Oligodendrocyte Lineage: an In Vitro and In Vivo Study Using Rodent and Human Models. <i>Stem Cell Reports</i> , 2015, 5, 174-184.	2.3	104
41	Adult Neurogenesis in Humans. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a018994.	2.3	203
42	Transplanted Bone Marrow-Derived Cells Contribute to Human Adipogenesis. <i>Cell Metabolism</i> , 2015, 22, 408-417.	7.2	75
43	Dynamics of Cell Generation and Turnover in the Human Heart. <i>Cell</i> , 2015, 161, 1566-1575.	13.5	923
44	Adult Neurogenesis in Humans- Common and Unique Traits in Mammals. <i>PLoS Biology</i> , 2015, 13, e1002045.	2.6	159
45	Role of Endogenous Neural Stem Cells in Spinal Cord Injury and Repair. <i>JAMA Neurology</i> , 2015, 72, 235.	4.5	201
46	An EphB-Abl signaling pathway is associated with intestinal tumor initiation and growth. <i>Science Translational Medicine</i> , 2015, 7, 281ra44.	5.8	18
47	Neurogenesis in the Striatum of the Adult Human Brain. <i>Cell</i> , 2014, 156, 1072-1083.	13.5	786
48	The age and genomic integrity of neurons after cortical stroke in humans. <i>Nature Neuroscience</i> , 2014, 17, 801-803.	7.1	108
49	Dynamics of Oligodendrocyte Generation and Myelination in the Human Brain. <i>Cell</i> , 2014, 159, 766-774.	13.5	374
50	A Transcriptional Mechanism Integrating Inputs from Extracellular Signals to Activate Hippocampal Stem Cells. <i>Neuron</i> , 2014, 83, 1085-1097.	3.8	190
51	A latent neurogenic program in astrocytes regulated by Notch signaling in the mouse. <i>Science</i> , 2014, 346, 237-241.	6.0	353
52	Neural stem cells in the adult spinal cord. <i>Experimental Neurology</i> , 2014, 260, 44-49.	2.0	148
53	Resident Neural Stem Cells Restrict Tissue Damage and Neuronal Loss After Spinal Cord Injury in Mice. <i>Science</i> , 2013, 342, 637-640.	6.0	225
54	Dynamics of Hippocampal Neurogenesis in Adult Humans. <i>Cell</i> , 2013, 153, 1219-1227.	13.5	1,523

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55	Neural Stem Cells and Neurogenesis in the Adult. <i>Cell Stem Cell</i> , 2012, 10, 657-659.	5.2	96
56	A Pericyte Origin of Spinal Cord Scar Tissue. <i>Science</i> , 2011, 333, 238-242.	6.0	711
57	Identification of cardiomyocyte nuclei and assessment of ploidy for the analysis of cell turnover. <i>Experimental Cell Research</i> , 2011, 317, 188-194.	1.2	144
58	Origin of New Glial Cells in Intact and Injured Adult Spinal Cord. <i>Cell Stem Cell</i> , 2010, 7, 470-482.	5.2	533
59	Ephrins and Eph receptors in stem cells and cancer. <i>Current Opinion in Cell Biology</i> , 2010, 22, 611-616.	2.6	140
60	Ephrins Negatively Regulate Cell Proliferation in the Epidermis and Hair Follicle. <i>Stem Cells</i> , 2010, 28, 1196-1205.	1.4	43
61	Eph receptors tangled up in two: Independent control of cell positioning and proliferation. <i>Cell Cycle</i> , 2010, 9, 1865-1866.	1.3	5
62	Evidence for Cardiomyocyte Renewal in Humans. <i>Science</i> , 2009, 324, 98-102.	6.0	2,679
63	Dynamics of fat cell turnover in humans. <i>Nature</i> , 2008, 453, 783-787.	13.7	1,914
64	Spinal Cord Injury Reveals Multilineage Differentiation of Ependymal Cells. <i>PLoS Biology</i> , 2008, 6, e182.	2.6	558
65	High-Throughput Identification of Genes Promoting Neuron Formation and Lineage Choice in Mouse Embryonic Stem Cells. <i>Stem Cells</i> , 2007, 25, 1539-1545.	1.4	13
66	Transgenic mice for conditional gene manipulation in astroglial cells. <i>Glia</i> , 2007, 55, 1565-1576.	2.5	137
67	Genetic visualization of neurogenesis. <i>Experimental Cell Research</i> , 2006, 312, 2851-2859.	1.2	28
68	Retrospective Birth Dating of Cells in Humans. <i>Cell</i> , 2005, 122, 133-143.	13.5	522
69	Stem Cell Plasticity?. <i>Neuron</i> , 2002, 35, 415-418.	3.8	46
70	Stem cells on the brain. <i>Nature</i> , 2001, 412, 690-691.	13.7	11
71	Oh no, Notch again!. <i>BioEssays</i> , 2001, 23, 3-7.	1.2	18
72	Oh no, Notch again!. <i>BioEssays</i> , 2000, 23, 3-7.	1.2	29

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73	A mapping label required for normal scale of body representation in the cortex. <i>Nature Neuroscience</i> , 2000, 3, 358-365.	7.1	178
74	Abnormal Reaction to Central Nervous System Injury in Mice Lacking Glial Fibrillary Acidic Protein and Vimentin. <i>Journal of Cell Biology</i> , 1999, 145, 503-514.	2.3	360
75	Identification of a Neural Stem Cell in the Adult Mammalian Central Nervous System. <i>Cell</i> , 1999, 96, 25-34.	13.5	1,785
76	Retinoid-X receptor signalling in the developing spinal cord. <i>Nature</i> , 1998, 395, 398-402.	13.7	122