

Ariel J Levine

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2554990/publications.pdf>

Version: 2024-02-01

22
papers

2,796
citations

430874

18
h-index

713466

21
g-index

31
all docs

31
docs citations

31
times ranked

3690
citing authors

#	ARTICLE	IF	CITATIONS
1	TGF β ² /activin/nodal signaling is necessary for the maintenance of pluripotency in human embryonic stem cells. <i>Development (Cambridge)</i> , 2005, 132, 1273-1282.	2.5	778
2	Confronting false discoveries in single-cell differential expression. <i>Nature Communications</i> , 2021, 12, 5692.	12.8	332
3	Massively Parallel Single Nucleus Transcriptional Profiling Defines Spinal Cord Neurons and Their Activity during Behavior. <i>Cell Reports</i> , 2018, 22, 2216-2225.	6.4	286
4	Identification of a cellular node for motor control pathways. <i>Nature Neuroscience</i> , 2014, 17, 586-593.	14.8	185
5	Proposal of a model of mammalian neural induction. <i>Developmental Biology</i> , 2007, 308, 247-256.	2.0	170
6	Graded Arrays of Spinal and Supraspinal V2a Interneuron Subtypes Underlie Forelimb and Hindlimb Motor Control. <i>Neuron</i> , 2018, 97, 869-884.e5.	8.1	152
7	GDF3, a BMP inhibitor, regulates cell fate in stem cells and early embryos. <i>Development (Cambridge)</i> , 2006, 133, 209-216.	2.5	149
8	A harmonized atlas of mouse spinal cord cell types and their spatial organization. <i>Nature Communications</i> , 2021, 12, 5722.	12.8	116
9	Cell type prioritization in single-cell data. <i>Nature Biotechnology</i> , 2021, 39, 30-34.	17.5	96
10	Spatial organization of cortical and spinal neurons controlling motor behavior. <i>Current Opinion in Neurobiology</i> , 2012, 22, 812-821.	4.2	68
11	Biomaterial bridges enable regeneration and re-entry of corticospinal tract axons into the caudal spinal cord after SCI: Association with recovery of forelimb function. <i>Biomaterials</i> , 2015, 65, 1-12.	11.4	61
12	GDF3 at the Crossroads of TGF-beta Signaling. <i>Cell Cycle</i> , 2006, 5, 1069-1073.	2.6	47
13	Cerebellospinal Neurons Regulate Motor Performance and Motor Learning. <i>Cell Reports</i> , 2020, 31, 107595.	6.4	47
14	Fluorescent labeling of endothelial cells allows in vivo, continuous characterization of the vascular development of <i>Xenopus laevis</i> . <i>Developmental Biology</i> , 2003, 254, 50-67.	2.0	46
15	Selecting single cell clustering parameter values using subsampling-based robustness metrics. <i>BMC Bioinformatics</i> , 2021, 22, 39.	2.6	45
16	Satb2 Is Required for the Development of a Spinal Exteroceptive Microcircuit that Modulates Limb Position. <i>Neuron</i> , 2016, 91, 763-776.	8.1	42
17	A spinoparabrachial circuit defined by Tacr1 expression drives pain. <i>ELife</i> , 2021, 10, .	6.0	42
18	GDF3 is a BMP inhibitor that can activate Nodal signaling only at very high doses. <i>Developmental Biology</i> , 2009, 325, 43-48.	2.0	35

#	ARTICLE	IF	CITATIONS
19	Isolation of Adult Spinal Cord Nuclei for Massively Parallel Single-nucleus RNA Sequencing. Journal of Visualized Experiments, 2018, , .	0.3	33
20	Decoding cell type diversity within the spinal cord. Current Opinion in Physiology, 2019, 8, 1-6.	1.8	19
21	Intersectional genetic tools to study skilled reaching in mice. Experimental Neurology, 2022, 347, 113879.	4.1	5
22	The Molecular Basis of Pluripotency in Principles of Regenerative Medicine. , 2008, , 126-135.		0