

Gioele La Manno

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

6,796
citations

17
h-index

38
g-index

38
ext. papers

9,831
ext. citations

27.2
avg. IF

5.59
L-index

#	Paper	IF	Citations
34	Brain structure. Cell types in the mouse cortex and hippocampus revealed by single-cell RNA-seq. <i>Science</i> , 2015 , 347, 1138-42	32.2	1852
33	RNA velocity of single cells. <i>Nature</i> , 2018 , 560, 494-498	47.5	1083
32	Molecular Architecture of the Mouse Nervous System. <i>Cell</i> , 2018 , 174, 999-1014.e22	54.5	1044
31	Quantitative single-cell RNA-seq with unique molecular identifiers. <i>Nature Methods</i> , 2014 , 11, 163-6	21	770
30	Oligodendrocyte heterogeneity in the mouse juvenile and adult central nervous system. <i>Science</i> , 2016 , 352, 1326-1329	32.2	487
29	Molecular Diversity of Midbrain Development in Mouse, Human, and Stem Cells. <i>Cell</i> , 2016 , 167, 566-580.e19	34.9	418
28	Single-Cell Transcriptomics Reveals that Differentiation and Spatial Signatures Shape Epidermal and Hair Follicle Heterogeneity. <i>Cell Systems</i> , 2016 , 3, 221-237.e9	10.2	196
27	Neuronal atlas of the dorsal horn defines its architecture and links sensory input to transcriptional cell types. <i>Nature Neuroscience</i> , 2018 , 21, 869-880	24.9	192
26	Spatial organization of the somatosensory cortex revealed by osmFISH. <i>Nature Methods</i> , 2018 , 15, 932-935	35	187
25	Induction of functional dopamine neurons from human astrocytes in vitro and mouse astrocytes in a Parkinson's disease model. <i>Nature Biotechnology</i> , 2017 , 35, 444-452	43.2	173
24	Single-Cell Transcriptomics of Traced Epidermal and Hair Follicle Stem Cells Reveals Rapid Adaptations during Wound Healing. <i>Cell Reports</i> , 2018 , 25, 585-597.e7	10.3	70
23	Visceral motor neuron diversity delineates a cellular basis for nipple- and pilo-erection muscle control. <i>Nature Neuroscience</i> , 2016 , 19, 1331-40	24.9	58
22	STRT-seq-2i: dual-index 5s single cell and nucleus RNA-seq on an addressable microwell array. <i>Scientific Reports</i> , 2017 , 7, 16327	4.7	48
21	Molecular architecture of the developing mouse brain. <i>Nature</i> , 2021 , 596, 92-96	47.5	30
20	Single-cell transcriptional logic of cell-fate specification and axon guidance in early-born retinal neurons. <i>Development (Cambridge)</i> , 2019 , 146,	6.4	26
19	Cell type prioritization in single-cell data. <i>Nature Biotechnology</i> , 2021 , 39, 30-34	43.2	25
18	The emergence and promise of single-cell temporal-omics approaches. <i>Current Opinion in Biotechnology</i> , 2020 , 63, 70-78	11.1	17

17	Molecular architecture of the developing mouse brain		16
16	Confronting false discoveries in single-cell differential expression. <i>Nature Communications</i> , 2021 , 12, 5692	16.9	14
15	RNA velocity in single cells		11
14	Molecular architecture of the mouse nervous system		10
13	Spatial organization of the somatosensory cortex revealed by cyclic smFISH		8
12	Confronting false discoveries in single-cell differential expression		8
11	A cell fitness selection model for neuronal survival during development. <i>Nature Communications</i> , 2019 , 10, 4137	16.9	6
10	From single-cell RNA-seq to transcriptional regulation. <i>Nature Biotechnology</i> , 2019 , 37, 1421-1422	43.2	5
9	Spatial tissue profiling by imaging-free molecular tomography. <i>Nature Biotechnology</i> , 2021 , 39, 968-977	43.2	3
8	Myocardial micro-biopsy procedure for molecular characterization with increased precision and reduced trauma. <i>Scientific Reports</i> , 2020 , 10, 8029	4.7	4
7	STRT-seq-2i: dual-index 5' single cell and nucleus RNA-seq on an addressable microwell array		2
6	Cell type prioritization in single-cell data		2
5	osmFISH v1		1
4	Clonal relations in the mouse brain revealed by single-cell and spatial transcriptomics.. <i>Nature Neuroscience</i> , 2022 ,	24.9	0
3	Molecular profiling of retinal pigment epithelial cell differentiation for therapeutic use		1
2	Spatial tissue profiling by imaging-free molecular tomography		1
1	Sphingolipids control dermal fibroblast heterogeneity.. <i>Science</i> , 2022 , 376, eabh1623	32.2	0