

Astrid Gillich

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

3,946
citations

471371

17
h-index

839398

18
g-index

22
all docs

22
docs citations

22
times ranked

7212
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissecting alveolar patterning and maintenance at single-cell resolution. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
2	Adversarial domain translation networks for integrating large-scale atlas-level single-cell datasets. <i>Nature Computational Science</i> , 2022, 2, 317-330.	3.8	13
3	Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics. <i>Nature Medicine</i> , 2021, 27, 546-559.	15.2	261
4	Capillary cell-type specialization in the alveolus. <i>Nature</i> , 2020, 586, 785-789.	13.7	231
5	A single-cell transcriptomic atlas characterizes ageing tissues in the mouse. <i>Nature</i> , 2020, 583, 590-595.	13.7	683
6	Ageing hallmarks exhibit organ-specific temporal signatures. <i>Nature</i> , 2020, 583, 596-602.	13.7	317
7	A molecular cell atlas of the human lung from single-cell RNA sequencing. <i>Nature</i> , 2020, 587, 619-625.	13.7	963
8	Piezo2 senses airway stretch and mediates lung inflation-induced apnoea. <i>Nature</i> , 2017, 541, 176-181.	13.7	305
9	Genetic lineage tracing identifies endocardial origin of liver vasculature. <i>Nature Genetics</i> , 2016, 48, 537-543.	9.4	84
10	c-kit+ cells adopt vascular endothelial but not epithelial cell fates during lung maintenance and repair. <i>Nature Medicine</i> , 2015, 21, 866-868.	15.2	63
11	Cardiac Tissue Slice Transplantation as a Model to Assess Tissue-Engineered Graft Thickness, Survival, and Function. <i>Circulation</i> , 2014, 130, S77-86.	1.6	28
12	Histone variant macroH2A marks embryonic differentiation <i>in vivo</i> and acts as an epigenetic barrier to induced pluripotency. <i>Journal of Cell Science</i> , 2012, 125, 6094-6104.	1.2	92
13	Epiblast Stem Cell-Based System Reveals Reprogramming Synergy of Germline Factors. <i>Cell Stem Cell</i> , 2012, 10, 425-439.	5.2	134
14	The Germ Cell Determinant Blimp1 Is Not Required for Derivation of Pluripotent Stem Cells. <i>Cell Stem Cell</i> , 2012, 11, 110-117.	5.2	23
15	Combinatorial control of cell fate and reprogramming in the mammalian germline. <i>Current Opinion in Genetics and Development</i> , 2012, 22, 466-474.	1.5	36
16	Histone variant macroH2A confers resistance to nuclear reprogramming. <i>EMBO Journal</i> , 2011, 30, 2373-2387.	3.5	131
17	The nucleolar RNA methyltransferase Misu (NSun2) is required for mitotic spindle stability. <i>Journal of Cell Biology</i> , 2009, 186, 27-40.	2.3	125
18	<i>Telomerase</i> Immortalized Human Amnion- and Adipose-Derived Mesenchymal Stem Cells: Maintenance of Differentiation and Immunomodulatory Characteristics. <i>Tissue Engineering - Part A</i> , 2009, 15, 1843-1854.	1.6	91

#	ARTICLE	IF	CITATIONS
19	Epigenetic reversion of post-implantation epiblast to pluripotent embryonic stem cells. Nature, 2009, 461, 1292-1295.	13.7	357