

Astrid Gillich

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5753482/publications.pdf>

Version: 2024-02-01

19
papers

3,946
citations

471509

17
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

7212
citing authors

#	ARTICLE	IF	CITATIONS
1	A molecular cell atlas of the human lung from single-cell RNA sequencing. Nature, 2020, 587, 619-625.	27.8	963
2	A single-cell transcriptomic atlas characterizes ageing tissues in the mouse. Nature, 2020, 583, 590-595.	27.8	683
3	Epigenetic reversion of post-implantation epiblast to pluripotent embryonic stem cells. Nature, 2009, 461, 1292-1295.	27.8	357
4	Ageing hallmarks exhibit organ-specific temporal signatures. Nature, 2020, 583, 596-602.	27.8	317
5	Piezo2 senses airway stretch and mediates lung inflation-induced apnoea. Nature, 2017, 541, 176-181.	27.8	305
6	Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics. Nature Medicine, 2021, 27, 546-559.	30.7	261
7	Capillary cell-type specialization in the alveolus. Nature, 2020, 586, 785-789.	27.8	231
8	Epiblast Stem Cell-Based System Reveals Reprogramming Synergy of Germline Factors. Cell Stem Cell, 2012, 10, 425-439.	11.1	134
9	Histone variant macroH2A confers resistance to nuclear reprogramming. EMBO Journal, 2011, 30, 2373-2387.	7.8	131
10	The nucleolar RNA methyltransferase Misu (NSun2) is required for mitotic spindle stability. Journal of Cell Biology, 2009, 186, 27-40.	5.2	125
11	Histone variant macroH2A marks embryonic differentiation <i>in vivo</i> and acts as an epigenetic barrier to induced pluripotency. Journal of Cell Science, 2012, 125, 6094-6104.	2.0	92
12	<i>Telomerase</i> Immortalized Human Amnion- and Adipose-Derived Mesenchymal Stem Cells: Maintenance of Differentiation and Immunomodulatory Characteristics. Tissue Engineering - Part A, 2009, 15, 1843-1854.	3.1	91
13	Genetic lineage tracing identifies endocardial origin of liver vasculature. Nature Genetics, 2016, 48, 537-543.	21.4	84
14	c-kit ⁺ cells adopt vascular endothelial but not epithelial cell fates during lung maintenance and repair. Nature Medicine, 2015, 21, 866-868.	30.7	63
15	Combinatorial control of cell fate and reprogramming in the mammalian germline. Current Opinion in Genetics and Development, 2012, 22, 466-474.	3.3	36
16	Cardiac Tissue Slice Transplantation as a Model to Assess Tissue-Engineered Graft Thickness, Survival, and Function. Circulation, 2014, 130, S77-86.	1.6	28
17	The Germ Cell Determinant Blimp1 Is Not Required for Derivation of Pluripotent Stem Cells. Cell Stem Cell, 2012, 11, 110-117.	11.1	23
18	Adversarial domain translation networks for integrating large-scale atlas-level single-cell datasets. Nature Computational Science, 2022, 2, 317-330.	8.0	13

#	ARTICLE	IF	CITATIONS
19	Dissecting alveolar patterning and maintenance at single-cell resolution. FASEB Journal, 2022, 36, .	0.5	0