

Hilda Amalia Pasolli

List of Publications by Year in Descending Order

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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.

25
papers

2,254
citations

17
h-index

29
g-index

29
ext. papers

2,951
ext. citations

24.1
avg, IF

4.77
L-index

#	Paper	IF	Citations
25	Stem cells expand potency and alter tissue fitness by accumulating diverse epigenetic memories. <i>Science</i> , 2021 , 374, eabh2444	33.3	4
24	An open-access volume electron microscopy atlas of whole cells and tissues. <i>Nature</i> , 2021 , 599, 147-151	50.4	12
23	Liquid-liquid phase separation drives skin barrier formation. <i>Science</i> , 2020 , 367,	33.3	81
22	Correlative three-dimensional super-resolution and block-face electron microscopy of whole vitreously frozen cells. <i>Science</i> , 2020 , 367,	33.3	138
21	m6A RNA methylation impacts fate choices during skin morphogenesis. <i>ELife</i> , 2020 , 9,	8.9	9
20	In situ differentiation of iridophore crystallotypes underlies zebrafish stripe patterning. <i>Nature Communications</i> , 2020 , 11, 6391	17.4	17
19	Microdomains form on the luminal face of neuronal extracellular vesicle membranes. <i>Scientific Reports</i> , 2020 , 10, 11953	4.9	6
18	Mechanics of a multilayer epithelium instruct tumour architecture and function. <i>Nature</i> , 2020 , 585, 433-439	50.4	38
17	Spastin tethers lipid droplets to peroxisomes and directs fatty acid trafficking through ESCRT-III. <i>Journal of Cell Biology</i> , 2019 , 218, 2583-2599	7.3	86
16	Neuron-Astrocyte Metabolic Coupling Protects against Activity-Induced Fatty Acid Toxicity. <i>Cell</i> , 2019 , 177, 1522-1535.e14	56.2	156
15	A lipid-based partitioning mechanism for selective incorporation of proteins into membranes of HIV particles. <i>Nature Cell Biology</i> , 2019 , 21, 452-461	23.4	52
14	Cortical column and whole-brain imaging with molecular contrast and nanoscale resolution. <i>Science</i> , 2019 , 363,	33.3	181
13	Visualizing long-term single-molecule dynamics in vivo by stochastic protein labeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 343-348	11.5	46
12	Stem cells repurpose proliferation to contain a breach in their niche barrier. <i>ELife</i> , 2018 , 7,	8.9	27
11	Impaired Epidermal to Dendritic T Cell Signaling Slows Wound Repair in Aged Skin. <i>Cell</i> , 2016 , 167, 1323-1338.e14	36.38	124
10	Increased spatiotemporal resolution reveals highly dynamic dense tubular matrices in the peripheral ER. <i>Science</i> , 2016 , 354,	33.3	255
9	A Presenilin-2-ARF4 trafficking axis modulates Notch signaling during epidermal differentiation. <i>Journal of Cell Biology</i> , 2016 , 214, 89-101	7.3	16

8	Wdr1-mediated cell shape dynamics and cortical tension are essential for epidermal planar cell polarity. <i>Nature Cell Biology</i> , 2015 , 17, 592-604	23.4	44
7	Architectural Niche Organization by LHX2 is Linked to Hair Follicle Stem Cell Function. <i>Microscopy and Microanalysis</i> , 2014 , 20, 1382-1383	0.5	1
6	Hair Follicle Stem Cells 2014 , 211-222		
5	Identification of stem cell populations in sweat glands and ducts reveals roles in homeostasis and wound repair. <i>Cell</i> , 2012 , 150, 136-50	56.2	218
4	The hair follicle bulge: a niche for adult stem cells. <i>Microscopy and Microanalysis</i> , 2011 , 17, 513-9	0.5	17
3	A two-step mechanism for stem cell activation during hair regeneration. <i>Cell Stem Cell</i> , 2009 , 4, 155-69	18	530
2	Focal adhesion kinase modulates tension signaling to control actin and focal adhesion dynamics. <i>Journal of Cell Biology</i> , 2007 , 176, 667-80	7.3	192
1	An open-access volume electron microscopy atlas of whole cells and tissues		3