

Giacomo Donati

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,421
citations

394421

19
h-index

501196

28
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all docs

33
docs citations

33
times ranked

4519
citing authors

#	ARTICLE	IF	CITATIONS
1	Actin and serum response factor transduce physical cues from the microenvironment to regulate epidermal stem cell fate decisions. <i>Nature Cell Biology</i> , 2010, 12, 711-718.	10.3	414
2	The Basement Membrane of Hair Follicle Stem Cells Is a Muscle Cell Niche. <i>Cell</i> , 2011, 144, 577-589.	28.9	288
3	Sequence-Specific Transcription Factor NF-Y Displays Histone-like DNA Binding and H2B-like Ubiquitination. <i>Cell</i> , 2013, 152, 132-143.	28.9	249
4	Gene expression variability across cells and species shapes innate immunity. <i>Nature</i> , 2018, 563, 197-202.	27.8	165
5	Stem Cell Heterogeneity and Plasticity in Epithelia. <i>Cell Stem Cell</i> , 2015, 16, 465-476.	11.1	144
6	Diverse epigenetic strategies interact to control epidermal differentiation. <i>Nature Cell Biology</i> , 2012, 14, 753-763.	10.3	139
7	Wounding induces dedifferentiation of epidermal Gata6+ cells and acquisition of stem cell properties. <i>Nature Cell Biology</i> , 2017, 19, 603-613.	10.3	138
8	Epidermal Wnt/ β -catenin signaling regulates adipocyte differentiation via secretion of adipogenic factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1501-9.	7.1	128
9	Innate sensing of microbial products promotes wound-induced skin cancer. <i>Nature Communications</i> , 2015, 6, 5932.	12.8	113
10	Type XVII collagen coordinates proliferation in the interfollicular epidermis. <i>ELife</i> , 2017, 6, .	6.0	85
11	Chromatin Immunoprecipitation (ChIP) on Chip Experiments Uncover a Widespread Distribution of NF-Y Binding CCAAT Sites Outside of Core Promoters. <i>Journal of Biological Chemistry</i> , 2005, 280, 13606-13615.	3.4	79
12	A genome-wide screen identifies YAP/WBP2 interplay conferring growth advantage on human epidermal stem cells. <i>Nature Communications</i> , 2017, 8, 14744.	12.8	77
13	Dynamic recruitment of transcription factors and epigenetic changes on the ER stress response gene promoters. <i>Nucleic Acids Research</i> , 2006, 34, 3116-3127.	14.5	73
14	Single-cell analysis of CD4+ T-cell differentiation reveals three major cell states and progressive acceleration of proliferation. <i>Genome Biology</i> , 2016, 17, 103.	8.8	65
15	BLIMP1 Is Required for Postnatal Epidermal Homeostasis but Does Not Define a Sebaceous Gland Progenitor under Steady-State Conditions. <i>Stem Cell Reports</i> , 2014, 3, 620-633.	4.8	49
16	Spindle checkpoint deficiency is tolerated by murine epidermal cells but not hair follicle stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2928-2933.	7.1	47
17	Contribution of GATA6 to homeostasis of the human upper pilosebaceous unit and acne pathogenesis. <i>Nature Communications</i> , 2020, 11, 5067.	12.8	35
18	An NF-Y-Dependent Switch of Positive and Negative Histone Methyl Marks on CCAAT Promoters. <i>PLoS ONE</i> , 2008, 3, e2066.	2.5	28

#	ARTICLE	IF	CITATIONS
19	NF-Y Recruits Ash2L to Impart H3K4 Trimethylation on CCAAT Promoters. PLoS ONE, 2011, 6, e17220.	2.5	22
20	Epidermal Wnt signalling regulates transcriptome heterogeneity and proliferative fate in neighbouring cells. Genome Biology, 2018, 19, 3.	8.8	17
21	Mutant Lef1 controls Gata6 in sebaceous gland development and cancer. EMBO Journal, 2019, 38, .	7.8	16
22	The niche in single-cell technologies. Immunology and Cell Biology, 2016, 94, 250-255.	2.3	14
23	Fibrotic enzymes modulate wound-induced skin tumorigenesis. EMBO Reports, 2021, 22, e51573.	4.5	11
24	Hair follicle stem cell progeny heal blisters while pausing skin development. EMBO Reports, 2021, 22, e50882.	4.5	10
25	Wnt/ β 2-Catenin Signaling Stabilizes Hemidesmosomes in Keratinocytes. Journal of Investigative Dermatology, 2022, 142, 1576-1586.e2.	0.7	5
26	Single-Cell Sequencing for Everybody. Methods in Molecular Biology, 2022, 2421, 217-229.	0.9	5
27	Locked and Loaded: Inflammation Training Prepares Skin Epithelial Stem Cells for Trauma. Cell Stem Cell, 2017, 21, 715-717.	11.1	2
28	Buried myoepithelial stem cells as a reservoir for repairing the exposed airway epithelium. Stem Cell Investigation, 2018, 5, 45-45.	3.0	0
29	Introductions to the Community: Early-Career Researchers in the Time of COVID-19. Cell Stem Cell, 2020, 27, 200-201.	11.1	0