Ya-Chieh Hsu

List of Publications by Year
in descending order

25 papers	3,225 citations	471509 17 h-index	580821 25 g-index
28 all docs	28 docs citations	28 times ranked	5011 citing authors

#	Article	IF	Citations
1	Building and Maintaining the Skin. Cold Spring Harbor Perspectives in Biology, 2022, 14, a040840.	5.5	30
2	Stressâ€associated ectopic differentiation of melanocyte stem cells and ORS amelanotic melanocytes in an ex vivo human hair follicle model. Experimental Dermatology, 2021, 30, 578-587.	2.9	12
3	Inhibition of pyruvate oxidation as a versatile stimulator of the hair cycle in models of alopecia. Experimental Dermatology, 2021, 30, 448-456.	2.9	6
4	Corticosterone inhibits GAS6 to govern hair follicle stem-cell quiescence. Nature, 2021, 592, 428-432.	27.8	73
5	Skin stem cells in health and in disease. Experimental Dermatology, 2021, 30, 424-429.	2.9	2
6	Defining a Role for G-Protein Coupled Receptor/cAMP/CRE-Binding Protein Signaling in Hair Follicle Stem Cell Activation. Journal of Investigative Dermatology, 2021, , .	0.7	6
7	Healing takes nerve. Cell Stem Cell, 2021, 28, 1501-1502.	11.1	1
8	Epigenetic fun(ction) in the sun. Developmental Cell, 2021, 56, 2537-2539.	7.0	0
9	Melanocortin 1 receptor is dispensable for acute stress induced hair graying in mice. Experimental Dermatology, 2021, 30, 572-577.	2.9	6
10	Cell Types Promoting Goosebumps Form a Niche to Regulate Hair Follicle Stem Cells. Cell, 2020, 182, 578-593.e19.	28.9	81
11	Chromatin Potential Identified by Shared Single-Cell Profiling of RNA and Chromatin. Cell, 2020, 183, 1103-1116.e20.	28.9	600
12	Hyperactivation of sympathetic nerves drives depletion of melanocyte stem cells. Nature, 2020, 577, 676-681.	27.8	158
13	In Situ Modification of Tissue Stem and Progenitor Cell Genomes. Cell Reports, 2019, 27, 1254-1264.e7.	6.4	40
14	FGF signalling controls the specification of hair placode-derived SOX9 positive progenitors to Merkel cells. Nature Communications, 2018, 9, 2333.	12.8	30
15	Emerging roles of transitâ€amplifying cells in tissue regeneration and cancer. Wiley Interdisciplinary Reviews: Developmental Biology, 2017, 6, e282.	5.9	36
16	Fate by Chance, not by Choice: Epidermal Stem Cells Go Live. Cell Stem Cell, 2016, 19, 8-10.	11.1	6
17	14-3-3 proteins regulate Tctpâ€“Rheb interaction for organ growth in Drosophila. Nature Communications, 2016, 7, 11501.	12.8	41
18	Hair folliclesâ€™ transit-amplifying cells govern concurrent dermal adipocyte production through Sonic Hedgehog. Genes and Development, 2016, 30, 2325-2338.	5.9	75

#	Article	IF	Citations
19	Dual SMAD Signaling Inhibition Enables Long-Term Expansion of Diverse Epithelial Basal Cells. Cell Stem Cell, 2016, 19, 217-231.	11.1	313
20	Polycomb-Mediated Repression and Sonic Hedgehog Signaling Interact to Regulate Merkel Cell Specification during Skin Development. PLoS Genetics, 2016, 12, e1006151.	3.5	53
21	Theory and Practice of Lineage Tracing. Stem Cells, 2015, 33, 3197-3204.	3.2	54
22	Transit-Amplifying Cells Orchestrate Stem Cell Activity and Tissue Regeneration. Cell, 2014, 157, 935-949.	28.9	306
23	Emerging interactions between skin stem cells and their niches. Nature Medicine, 2014, 20, 847-856.	30.7	474
24	A family business: stem cell progeny join the niche to regulate homeostasis. Nature Reviews Molecular Cell Biology, 2012, 13, 103-114.	37.0	266
25	Dynamics between Stem Cells, Niche, and Progeny in the Hair Follicle. Cell, 2011, 144, 92-105.	28.9	525