Christian F Guerrero-Juarez

List of Publications by Year
in descending order

25 papers	4,553 citations	430442 18 h-index	580395 25 g-index
27 all docs	27 docs citations	27 times ranked	4915 citing authors

#	Article	IF	Citations
1	Inference and analysis of cell-cell communication using CellChat. Nature Communications, 2021, 12, 1088.	5.8	2,174
2	Regeneration of fat cells from myofibroblasts during wound healing. Science, 2017, 355, 748-752.	6.0	434
3	Dermal adipocytes protect against invasive *Staphylococcus aureus* skin infection. Science, 2015, 347, 67-71.	6.0	368
4	Single-cell analysis reveals fibroblast heterogeneity and myeloid-derived adipocyte progenitors in murine skin wounds. Nature Communications, 2019, 10, 650.	5.8	345
5	Anatomical, Physiological, and Functional Diversity of Adipose Tissue. Cell Metabolism, 2018, 27, 68-83.	7.2	298
6	Organ-Level Quorum Sensing Directs Regeneration in Hair Stem Cell Populations. Cell, 2015, 161, 277-290.	13.5	195
7	YAP-mediated mechanotransduction tunes the macrophage inflammatory response. Science Advances, 2020, 6, .	4.7	127
8	Single cell transcriptomics of human epidermis identifies basal stem cell transition states. Nature Communications, 2020, 11, 4239.	5.8	112
9	Age-Related Loss of Innate Immune Antimicrobial Function of Dermal Fat Is Mediated by Transforming Growth Factor Beta. Immunity, 2019, 50, 121-136.e5.	6.6	75
10	Emerging nonmetabolic functions of skin fat. Nature Reviews Endocrinology, 2018, 14, 163-173.	4.3	67
11	Phagocytosis of Wnt inhibitor SFRP4 by late wound macrophages drives chronic Wnt activity for fibrotic skin healing. Science Advances, 2020, 6, eaay3704.	4.7	58
12	Keratinocyte-Macrophage Crosstalk by the Nrf2/Ccl2/EGF Signaling Axis Orchestrates Tissue Repair. Cell Reports, 2020, 33, 108417.	2.9	40
13	Cycling Stem Cells Are Radioresistant and Regenerate the Intestine. Cell Reports, 2020, 32, 107952.	2.9	37
14	Hair Follicle Signaling Networks: A Dermal Papilla–Centric Approach. Journal of Investigative Dermatology, 2013, 133, 2306-2308.	0.3	30
15	Genomic and anatomical comparisons of skin support independent adaptation to life in water by cetaceans and hippos. Current Biology, 2021, 31, 2124-2139.e3.	1.8	30
16	Diet-induced obesity promotes infection by impairment of the innate antimicrobial defense function of dermal adipocyte progenitors. Science Translational Medicine, 2021, 13, .	5.8	25
17	Hedgehog signaling reprograms hair follicle niche fibroblasts to a hyper-activated state. Developmental Cell, 2022, 57, 1758-1775.e7.	3.1	25
18	Wound Regeneration Deficit in Rats Correlates with Low Morphogenetic Potential and Distinct Transcriptome Profile of Epidermis. Journal of Investigative Dermatology, 2018, 138, 1409-1419.	0.3	24

#	Article	IF	Citations
19	The Msi1-mTOR pathway drives the pathogenesis of mammary and extramammary Paget's disease. Cell Research, 2020, 30, 854-872.	5.7	17
20	A multiscale hybrid mathematical model of epidermal–dermal interactions during skin wound healing. Experimental Dermatology, 2019, 28, 493-502.	1.4	16
21	Single-cell analysis of human basal cell carcinoma reveals novel regulators of tumor growth and the tumor microenvironment. Science Advances, 2022, 8, .	4.7	16
22	Lepr+ mesenchymal cells sense diet to modulate intestinal stem/progenitor cells via Leptin–Igf1 axis. Cell Research, 2022, 32, 670-686.	5.7	14
23	Targeting the PSGL-1 Immune Checkpoint Promotes Immunity to PD-1–Resistant Melanoma. Cancer Immunology Research, 2022, 10, 612-625.	1.6	12
24	Gli -fully Halting the Progression of Fibrosis. Cell Stem Cell, 2017, 20, 735-736.	5.2	7
25	Dormant Nfatc1 reporter-marked basal stem/progenitor cells contribute to mammary lobuloalveoli formation. IScience, 2022, 25, 103982.	1.9	2