

George Cotsarelis

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

15,332
citations

186265

28
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

14099
citing authors

#	ARTICLE	IF	CITATIONS
1	Label-retaining cells reside in the bulge area of pilosebaceous unit: Implications for follicular stem cells, hair cycle, and skin carcinogenesis. <i>Cell</i> , 1990, 61, 1329-1337.	28.9	2,175
2	Existence of slow-cycling limbal epithelial basal cells that can be preferentially stimulated to proliferate: Implications on epithelial stem cells. <i>Cell</i> , 1989, 57, 201-209.	28.9	1,306
3	β-Catenin Controls Hair Follicle Morphogenesis and Stem Cell Differentiation in the Skin. <i>Cell</i> , 2001, 105, 533-545.	28.9	1,254
4	Capturing and profiling adult hair follicle stem cells. <i>Nature Biotechnology</i> , 2004, 22, 411-417.	17.5	1,198
5	Stem cells in the hair follicle bulge contribute to wound repair but not to homeostasis of the epidermis. <i>Nature Medicine</i> , 2005, 11, 1351-1354.	30.7	1,177
6	The Biology of Hair Follicles. <i>New England Journal of Medicine</i> , 1999, 341, 491-497.	27.0	1,150
7	Wnt-dependent de novo hair follicle regeneration in adult mouse skin after wounding. <i>Nature</i> , 2007, 447, 316-320.	27.8	919
8	Deletion of the Developmentally Essential Gene ATR in Adult Mice Leads to Age-Related Phenotypes and Stem Cell Loss. <i>Cell Stem Cell</i> , 2007, 1, 113-126.	11.1	691
9	Epithelial Stem Cells: A Folliculocentric View. <i>Journal of Investigative Dermatology</i> , 2006, 126, 1459-1468.	0.7	488
10	Enrichment for Living Murine Keratinocytes from the Hair Follicle Bulge with the Cell Surface Marker CD34. <i>Journal of Investigative Dermatology</i> , 2003, 120, 501-511.	0.7	485
11	Regulatory T Cells in Skin Facilitate Epithelial Stem Cell Differentiation. <i>Cell</i> , 2017, 169, 1119-1129.e11.	28.9	477
12	Reengineering chimeric antigen receptor T cells for targeted therapy of autoimmune disease. <i>Science</i> , 2016, 353, 179-184.	12.6	468
13	Regeneration of fat cells from myofibroblasts during wound healing. <i>Science</i> , 2017, 355, 748-752.	12.6	434
14	Sox9 Is Essential for Outer Root Sheath Differentiation and the Formation of the Hair Stem Cell Compartment. <i>Current Biology</i> , 2005, 15, 1340-1351.	3.9	366
15	Review of hair follicle dermal cells. <i>Journal of Dermatological Science</i> , 2010, 57, 2-11.	1.9	359
16	Single-cell analysis reveals fibroblast heterogeneity and myeloid-derived adipocyte progenitors in murine skin wounds. <i>Nature Communications</i> , 2019, 10, 650.	12.8	345
17	Keratin 15 Promoter Targets Putative Epithelial Stem Cells in the Hair Follicle Bulge. <i>Journal of Investigative Dermatology</i> , 2003, 121, 963-968.	0.7	335
18	The longest telomeres: a general signature of adult stem cell compartments. <i>Genes and Development</i> , 2008, 22, 654-667.	5.9	299

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19	Fgf9 from dermal γ T cells induces hair follicle neogenesis after wounding. <i>Nature Medicine</i> , 2013, 19, 916-923.	30.7	272
20	Timing of expression of the core clock gene <i>Bmal1</i> influences its effects on aging and survival. <i>Science Translational Medicine</i> , 2016, 8, 324ra16.	12.4	249
21	Hedgehog stimulates hair follicle neogenesis by creating inductive dermis during murine skin wound healing. <i>Nature Communications</i> , 2018, 9, 4903.	12.8	182
22	Generation of folliculogenic human epithelial stem cells from induced pluripotent stem cells. <i>Nature Communications</i> , 2014, 5, 3071.	12.8	96
23	Direct conversion of mouse and human fibroblasts to functional melanocytes by defined factors. <i>Nature Communications</i> , 2014, 5, 5807.	12.8	61
24	A patient-derived-xenograft platform to study BRCA-deficient ovarian cancers. <i>JCI Insight</i> , 2017, 2, e89760.	5.0	55
25	Hypoxia-Inducible Factors Regulate Filaggrin Expression and Epidermal Barrier Function. <i>Journal of Investigative Dermatology</i> , 2015, 135, 454-461.	0.7	41
26	Thymic stromal lymphopoietin induces adipose loss through sebum hypersecretion. <i>Science</i> , 2021, 373, .	12.6	36
27	CD133 Expression Correlates with Membrane Beta-Catenin and E-Cadherin Loss from Human Hair Follicle Placodes during Morphogenesis. <i>Journal of Investigative Dermatology</i> , 2015, 135, 45-55.	0.7	29
28	Vismodegib Resistance in Basal Cell Carcinoma: Not a Smooth Fit. <i>Cancer Cell</i> , 2015, 27, 315-316.	16.8	21
29	A Global eDelphi Exercise to Identify Core Domains and Domain Items for the Development of a Global Registry of Alopecia Areata Disease Severity and Treatment Safety (GRASS). <i>JAMA Dermatology</i> , 2021, 157, 439.	4.1	13
30	Cellular Memories – More Than Skin Deep. <i>New England Journal of Medicine</i> , 2022, 386, 793-795.	27.0	4
31	Regenerative medicine could pave the way to treating baldness. <i>Nature</i> , 2020, 582, 343-344.	27.8	2
32	Fibrotic trochanters: A potential mechanism for stem cell depletion in scarring alopecias. <i>Journal of Cutaneous Pathology</i> , 2021, 48, 458-460.	1.3	0