Colin A B Jahoda

List of Publications by Year
in descending order

75 papers	5,663 citations	81900 39 h-index	76900 74 g-index
79 all docs	79 docs citations	79 times ranked	5750 citing authors

#	Article	IF	Citations
1	Genome-wide association study in alopecia areata implicates both innate and adaptive immunity. Nature, 2010, 466, 113-117.	27.8	651
2	Microenvironmental reprogramming by three-dimensional culture enables dermal papilla cells to induce de novo human hair-follicle growth. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19679-19688.	7.1	309
3	Desmoglein 4 in Hair Follicle Differentiation and Epidermal Adhesion. Cell, 2003, 113, 249-260.	28.9	301
4	Hair follicle dermal cells differentiate into adipogenic and osteogenic lineages. Experimental Dermatology, 2003, 12, 849-859.	2.9	246
5	Trans-gender induction of hair follicles. Nature, 1999, 402, 33-34.	27.8	235
6	Hair follicle dermal sheath cells: unsung participants in wound healing. Lancet, The, 2001, 358, 1445-1448.	13.7	224
7	Defining dermal adipose tissue. Experimental Dermatology, 2014, 23, 629-631.	2.9	218
8	Emulsion-Derived Foams (PolyHIPEs) Containing Poly(Îµ-caprolactone) as Matrixes for Tissue Engineering. Biomacromolecules, 2001, 2, 154-164.	5.4	199
9	A Highly Enriched Niche of Precursor Cells with Neuronal and Glial Potential Within the Hair Follicle Dermal Papilla of Adult Skin. Stem Cells, 2008, 26, 163-172.	3.2	198
10	Hair follicle predetermination. Journal of Cell Science, 2001, 114, 3419-3431.	2.0	195
11	Hair follicle dermal cells repopulate the mouse haematopoietic system. Journal of Cell Science, 2002, 115, 3967-3974.	2.0	165
12	Effects of Physiological Electric Fields on Migration of Human Dermal Fibroblasts. Journal of Investigative Dermatology, 2010, 130, 2320-2327.	0.7	153
13	Hair Follicle Stem Cells. Journal of Investigative Dermatology Symposium Proceedings, 2003, 8, 28-38.	0.8	133
14	DERMAL-EPIDERMAL INTERACTIONS. Dermatologic Clinics, 1996, 14, 573-583.	1.7	109
15	Hierarchical patterning modes orchestrate hair follicle morphogenesis. PLoS Biology, 2017, 15, e2002117.	5.6	109
16	Induction of Hair Growth in Ear Wounds by Cultured Dermal Papilla Cells. Journal of Investigative Dermatology, 1993, 101, 584-590.	0.7	107
17	Modelling the hair follicle dermal papilla using spheroid cell cultures. Experimental Dermatology, 2010, 19, 546-548.	2.9	105
18	Dermal white adipose tissue: a new component of the thermogenic response. Journal of Lipid Research, 2015, 56, 2061-2069.	4.2	104

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19	The Wnt inhibitor, Dickkopf 4, is induced by canonical Wnt signaling during ectodermal appendage morphogenesis. Developmental Biology, 2007, 305, 498-507.	2.0	99
20	From Telogen to Exogen: Mechanisms Underlying Formation and Subsequent Loss of the Hair Club Fiber. Journal of Investigative Dermatology, 2009, 129, 2100-2108.	0.7	81
21	KGF and EGF signalling block hair follicle induction and promote interfollicular epidermal fate in developing mouse skin. Development (Cambridge), 2009, 136, 2153-2164.	2.5	78
22	Hair follicle stem cells. Seminars in Cell and Developmental Biology, 2007, 18, 245-254.	5.0	75
23	Dynamic complexes of A-type lamins and emerin influence adipogenic capacity of the cell via nucleocytoplasmic distribution of Î²-catenin. Journal of Cell Science, 2009, 122, 401-413.	2.0	74
24	Human Hair Follicle Regeneration Following Amputation and Grafting into the Nude Mouse. Journal of Investigative Dermatology, 1996, 107, 804-807.	0.7	73
25	Inductive Properties of Hair Follicle Cells. Annals of the New York Academy of Sciences, 1991, 642, 226-241.	3.8	68
26	Development of the Mouse Dermal Adipose Layer Occurs Independently of Subcutaneous Adipose Tissue and Is Marked by Restricted Early Expression of FABP4. PLoS ONE, 2013, 8, e59811.	2.5	66
27	Dermal-epidermal interactions. Clinics in Dermatology, 1988, 6, 74-82.	1.6	64
28	Multipotent skin-derived precursors: from biology to clinical translation. Current Opinion in Biotechnology, 2009, 20, 522-530.	6.6	61
29	Plasticity of Rodent and Human Hair Follicle Dermal Cells:Implications for Cell Therapy and Tissue Engineering. Journal of Investigative Dermatology Symposium Proceedings, 2005, 10, 180-183.	0.8	59
30	Localisation of members of the notch system and the differentiation of vibrissa hair follicles: Receptors, ligands, and fringe modulators. Developmental Dynamics, 2000, 218, 426-437.	1.8	55
31	Transcriptional profiling of developing mouse epidermis reveals novel patterns of coordinated gene expression. Developmental Dynamics, 2007, 236, 961-970.	1.8	54
32	Niche Crosstalk: Intercellular Signals at the Hair Follicle. Cell, 2011, 146, 678-681.	28.9	53
33	Defolliculated (Dfl): A Dominant Mouse Mutation Leading to Poor Sebaceous Gland Differentiation and Total Elimination of Pelage Follicles. Journal of Investigative Dermatology, 2002, 119, 32-37.	0.7	50
34	Cultured human and rat tooth papilla cells induce hair follicle regeneration and fiber growth. Differentiation, 2004, 72, 566-575.	1.9	49
35	The lanceolate hair rat phenotype results from a missense mutation in a calcium coordinating site of the desmoglein 4 gene. Genomics, 2004, 83, 747-756.	2.9	49
36	Cell Movement in the Hair Follicle Dermis â€“ More Than a Two-Way Street?. Journal of Investigative Dermatology, 2003, 121, ix-xi.	0.7	45

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37	Extracellular Vesicles from Activated Dermal Fibroblasts Stimulate Hair Follicle Growth Through Dermal Papilla-Secreted Norrin. Stem Cells, 2019, 37, 1166-1175.	3.2	44
38	Dynamic expression of the zinc-finger transcription factor Trps1 during hair follicle morphogenesis and cycling. Gene Expression Patterns, 2008, 8, 51-57.	0.8	42
39	Generation and Characterization of Multipotent Stem Cells from Established Dermal Cultures. PLoS ONE, 2012, 7, e50742.	2.5	42
40	Transformation of amnion epithelium into skin and hair follicles. Differentiation, 2004, 72, 558-565.	1.9	35
41	Isolation and Establishment of Hair Follicle Dermal Papilla Cell Cultures. Methods in Molecular Biology, 2013, 989, 285-292.	0.9	34
42	The WNT Signalling Modulator, Wise, is Expressed in an Interaction-Dependent Manner During Hair-Follicle Cycling. Journal of Investigative Dermatology, 2004, 123, 613-621.	0.7	32
43	Cultured Cells from the Adult Human Hair Follicle Dermis can be Directed Toward Adipogenic and Osteogenic Differentiation. Journal of Investigative Dermatology, 2005, 124, 1090-1091.	0.7	32
44	Peptoid Efficacy against Polymicrobial Biofilms Determined by Using Propidium Monoazideâ€Modified Quantitative PCR. ChemBioChem, 2017, 18, 111-118.	2.6	31
45	A Quantitative Study of the Differential Expression of Alpha-Smooth Muscle Actin in Cell Populations of Follicular and Non-Follicular Origin. Journal of Investigative Dermatology, 1993, 101, 577-583.	0.7	29
46	Human Hair Follicle Germinative Epidermal Cell Culture. Journal of Investigative Dermatology, 1993, 101, 634-638.	0.7	29
47	Hair Cycle Stage of the Mouse Vibrissa Follicle Determines Subsequent Fiber Growth and Follicle Behavior In Vitro. Journal of Investigative Dermatology, 1997, 108, 495-500.	0.7	29
48	An improved method of human keratinocyte culture from skin explants: cell expansion is linked to markers of activated progenitor cells. Experimental Dermatology, 2009, 18, 720-726.	2.9	27
49	Reprogramming of Human Hair Follicle Dermal Papilla Cells into Induced Pluripotent Stem Cells. Journal of Investigative Dermatology, 2012, 132, 1725-1727.	0.7	27
50	C/EBPÎ± identifies differentiating preadipocytes around hair follicles in foetal and neonatal rat and mouse skin. Experimental Dermatology, 2008, 17, 675-680.	2.9	24
51	Skin stem cells â€" a hairy issue.. Nature Medicine, 2000, 6, 1095-1097.	30.7	23
52	Type VII collagen regulates tumour expression of organic anion transporting polypeptide OATP1B3, promotes front to rear polarity and increases structural organisation in 3D spheroid cultures of recessive dystrophic epidermolysis bullosa tumour keratinocytes. Journal of Cell Science, 2014, 127, 740-51.	2.0	22
53	The MAGUK-family protein CASK is targeted to nuclei of the basal epidermis and controls keratinocyte proliferation. Journal of Cell Science, 2008, 121, 2705-2717.	2.0	21
54	The role of BMP signalling in the control of ID3 expression in the hair follicle. Experimental Dermatology, 2004, 13, 621-629.	2.9	20

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55	Total Deletion of <i>in Vivo</i> Telomere Elongation Capacity: An Ambitious but Possibly Ultimate Cure for All Ageâ€Related Human Cancers. Annals of the New York Academy of Sciences, 2004, 1019, 147-170.	3.8	20
56	Dynamic expression of Syndecan-1 during hair follicle morphogenesis. Gene Expression Patterns, 2009, 9, 454-460.	0.8	20
57	In Vivo Induction of Hair Growth by Dermal Cells Isolated from Hair Follicles After Extended Organ Culture. Journal of Investigative Dermatology, 2001, 117, 596-604.	0.7	19
58	The DEBR Rat Model for Alopecia Areata. Journal of Investigative Dermatology, 1991, 96, S97.	0.7	18
59	Modulation in Proteolytic Activity Is Identified as a Hallmark of Exogen by Transcriptional Profiling of Hair Follicles. Journal of Investigative Dermatology, 2011, 131, 2349-2357.	0.7	15
60	Hair follicle reconstruction in vitro. Journal of Dermatological Science, 1994, 7, S84-S97.	1.9	12
61	Exogen involves gradual release of the hair club fibre in the vibrissa follicle model. Experimental Dermatology, 2009, 18, 793-795.	2.9	12
62	Human hair follicle dermal cells and skin fibroblasts show differential activation of NFâ€ÎºB in response to proâ€inflammatory challenge. Experimental Dermatology, 2012, 21, 158-160.	2.9	12
63	Hair Follicle Stem Cells: Characteristics and Possible Significance. Skin Pharmacology and Physiology, 1994, 7, 16-19.	2.5	11
64	An inÂvivo mouse model of human skin replacement for wound healing and cell therapy studies. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2012, 65, 1129-1131.	1.0	8
65	Id2, Id3, and Id4 proteins show dynamic changes in expression during vibrissae follicle development. Developmental Dynamics, 2008, 237, 1653-1661.	1.8	7
66	Keratin 10 (K10) is expressed suprabasally throughout the limbus of embryonic and neonatal rat corneas, with interrupted expression in the adult limbus. Experimental Eye Research, 2009, 89, 435-438.	2.6	7
67	Histochemical localization of skin glycosaminoglycans during feather development in the chick embryo. Roux's Archives of Developmental Biology, 1987, 196, 303-315.	1.2	6
68	Genomic organization and analysis of the hairless gene in four hypotrichotic rat strains. Mammalian Genome, 2004, 15, 975-981.	2.2	6
69	Giant Panda (Ailuropoda melanoleuca) Buccal Mucosa Tissue as a Source of Multipotent Progenitor Cells. PLoS ONE, 2015, 10, e0138840.	2.5	6
70	What Lies Beneath: Wnt/Î²-Catenin Signaling and Cell Fate in the LowerÂDermis. Journal of Investigative Dermatology, 2016, 136, 1084-1087.	0.7	6
71	Dominant effect of gap junction communication in woundâ€induced calciumâ€wave, NFAT activation and wound closure in keratinocytes. Journal of Cellular Physiology, 2021, 236, 8171-8183.	4.1	6
72	A correlation between versican and neurofilament expression patterns during the development and adult cycling of rat vibrissa follicles. Mechanisms of Development, 2001, 101, 227-231.	1.7	5

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73	Hair Follicle and Fiber Reconstruction. Journal of Investigative Dermatology, 1995, 104, 39-40.	0.7	4
74	Genes that are differentially expressed in rat vibrissa follicle germinative epithelium in vivo show altered expression patterns after extended organ culture. Experimental Dermatology, 2002, 11, 542-555.	2.9	3
75	Hair Follicle Dermal Cells Support Expansion of Murine and Human Embryonic and Induced Pluripotent Stem Cells and Promote Haematopoiesis in Mouse Cultures. Stem Cells International, 2018, 2018, 1-14.	2.5	3