Desmond J Tobin

List of Publications by Year in Descending Order

196 papers	12,190 citations	63 h-index	106 g-index
232 ext. papers	13,746 ext. citations	4.1 avg, IF	6.44 L-index

#	Paper	IF	Citations
196	Uveal Melanoma Cell Line Proliferation Is Inhibited by Ricolinostat, a Histone Deacetylase Inhibitor.. *Cancers*, **2022**, 14,	6.6	2
195	Loss of Epidermal Melanin Unit Integrity in Human Skin During Melanoma-Genesis.. *Frontiers in Oncology*, **2022**, 12, 878336	5.3	2
194	Melanin Distribution in Human Skin: Influence of Cytoskeletal, Polarity, and Centrosome-Related Machinery of Keratinocytes. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
193	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). *JAMA Dermatology*, **2021**, 157, 1-11	5.1	6
192	A genome-wide association study identifies novel gene associations with facial skin wrinkling and mole count in Latin Americans. *British Journal of Dermatology*, **2021**, 185, 988-998	4	2
191	Learning from disease registries during a pandemic: Moving toward an international federation of patient registries. *Clinics in Dermatology*, **2021**, 39, 467-478	3	2
190	Visible light and human skin pigmentation: The importance of skin phototype. *Experimental Dermatology*, **2021**, 30, 1324-1331	4	5
189	Quantitative mapping of human hair greying and reversal in relation to life stress. *ELife*, **2021**, 10,	8.9	4
188	Unpicking the Gordian knot of identifying metastasis development-relevant proteins in cutaneous squamous cell carcinoma. *British Journal of Dermatology*, **2021**, 184, 593	4	
187	The biology of human hair greying. *Biological Reviews*, **2021**, 96, 107-128	13.5	25
186	Shedding light on therapeutics in alopecia and their relevance to COVID-19. *Clinics in Dermatology*, **2021**, 39, 76-83	3	3
185	Hidradenitis suppurativa: A folliculotropic disease of innate immune barrier dysfunction?. *Experimental Dermatology*, **2021**, 30, 1554-1568	4	1
184	Insights into the mechanics of solid conical microneedle array insertion into skin using the finite element method. *Acta Biomaterialia*, **2021**, 135, 403-413	10.8	8
183	Dermal fibroblasts cultured from donors with type 2 diabetes mellitus retain an epigenetic memory associated with poor wound healing responses. *Scientific Reports*, **2021**, 11, 1474	4.9	13
182	Circulating Melanoma-Derived Extracellular Vesicles: Impact on Melanoma Diagnosis, Progression Monitoring, and Treatment Response. *Pharmaceuticals*, **2020**, 13,	5.2	7
181	Stress-sensing in the human greying hair follicle: Ataxia Telangiectasia Mutated (ATM) depletion in hair bulb melanocytes in canities-prone scalp. *Scientific Reports*, **2020**, 10, 18711	4.9	7
180	Ewastools: Infinium Human Methylation BeadChip pipeline for population epigenetics integrated into Galaxy. *GigaScience*, **2020**, 9,	7.6	4

179	Characterization of serotonin and N-acetylserotonin systems in the human epidermis and skin cells. *Journal of Pineal Research*, **2020**, 68, e12626	10.4	15
178	A GWAS in Latin Americans highlights the convergent evolution of lighter skin pigmentation in Eurasia. *Nature Communications*, **2019**, 10, 358	17.4	72
177	Differential response of human dermal fibroblast subpopulations to visible and near-infrared light: Potential of photobiomodulation for addressing cutaneous conditions. *Lasers in Surgery and Medicine*, **2018**, 50, 859-882	3.6	26
176	Androgens trigger different growth responses in genetically identical human hair follicles in organ culture that reflect their epigenetic diversity in life. *FASEB Journal*, **2018**, 32, 795-806	0.9	10
175	Imbalance of Mitochondrial Respiratory Chain Complexes in the Epidermis Induces Severe Skin Inflammation. *Journal of Investigative Dermatology*, **2018**, 138, 132-140	4.3	15
174	An explanation for the mysterious distribution of melanin in human skin: a rare example of asymmetric (melanin) organelle distribution during mitosis of basal layer progenitor keratinocytes. *British Journal of Dermatology*, **2018**, 179, 1115-1126	4	12
173	Shedding light on the variability of optical skin properties: finding a path towards more accurate prediction of light propagation in human cutaneous compartments. *Biomedical Optics Express*, **2018**, 9, 852-872	3.5	16
172	Melanin distribution in human epidermis affords localized protection against DNA photodamage and concurs with skin cancer incidence difference in extreme phototypes. *FASEB Journal*, **2018**, 32, 3700-3706	0.9	55
171	MCV-miR-M1 Targets the Host-Cell Immune Response Resulting in the Attenuation of Neutrophil Chemotaxis. *Journal of Investigative Dermatology*, **2018**, 138, 2343-2354	4.3	15
170	Early evidence for opposing effects of full versus fragmented adiponectin on melanogenesis in human epidermal melanocytes. *British Journal of Dermatology*, **2018**, 179, 561-562	4	1
169	Introduction to skin aging. *Journal of Tissue Viability*, **2017**, 26, 37-46	3.2	200
168	E-cadherin mediates ultraviolet radiation- and calcium-induced melanin transfer in human skin cells. *Experimental Dermatology*, **2017**, 26, 1125-1133	4	14
167	Photobiomodulation of human dermal fibroblasts in vitro: decisive role of cell culture conditions and treatment protocols on experimental outcome. *Scientific Reports*, **2017**, 7, 2797	4.9	26
166	Demographic Characteristics and Association of Serum Vitamin B12, Ferritin and Thyroid Function with Premature Canities in Indian Patients from an Urban Skin Clinic of North India: A Retrospective Analysis of 71 Cases. *Indian Journal of Dermatology*, **2017**, 62, 304-308	0.9	12
165	Another guardian against alopecia areata?. *British Journal of Dermatology*, **2016**, 175, 460	4	
164	Systematic associations between germ-line mutations and human cancers. *International Journal of Computational Biology and Drug Design*, **2016**, 9, 135	0.4	
163	Melanin fate in the human epidermis: a reassessment of how best to detect and analyse histologically. *Experimental Dermatology*, **2016**, 25, 501-4	4	22
162	Photobiomodulation of distinct lineages of human dermal fibroblasts: a rational approach towards the selection of effective light parameters for skin rejuvenation and wound healing **2016**,		5

161	A genome-wide association scan in admixed Latin Americans identifies loci influencing facial and scalp hair features. *Nature Communications*, **2016**, 7, 10815	17.4	108
160	Photobiomodulation devices for hair regrowth and wound healing: a therapy full of promise but a literature full of confusion. *Experimental Dermatology*, **2016**, 25, 745-9	4	27
159	Nano-scale observations of tattoo pigments in skin by atomic force microscopy. *Current Problems in Dermatology*, **2015**, 48, 97-102		0
158	Age-related hair pigment loss. *Current Problems in Dermatology*, **2015**, 47, 128-38		11
157	Comparison of lipid membrane-water partitioning with various organic solvent-water partitions of neutral species and ionic species: Uniqueness of cerasome as a model for the stratum corneum in partition processes. *International Journal of Pharmaceutics*, **2015**, 494, 1-8	6.5	8
156	IFN□Stimulates MxA Production in Human Dermal Fibroblasts via a MAPK-Dependent STAT1-Independent Mechanism. *Journal of Investigative Dermatology*, **2015**, 135, 2935-2943	4.3	16
155	Mitochondrial function in murine skin epithelium is crucial for hair follicle morphogenesis and epithelial-mesenchymal interactions. *Journal of Investigative Dermatology*, **2015**, 135, 679-689	4.3	42
154	The peripheral clock regulates human pigmentation. *Journal of Investigative Dermatology*, **2015**, 135, 1053-1064	4.3	50
153	Suppression of autophagy dysregulates the antioxidant response and causes premature senescence of melanocytes. *Journal of Investigative Dermatology*, **2015**, 135, 1348-1357	4.3	67
152	Tattoo ink nanoparticles in skin tissue and fibroblasts. *Beilstein Journal of Nanotechnology*, **2015**, 6, 1183-91	3	31
151	In vitro and ex vivo examination of topical Pomiferin treatments. *Fitoterapia*, **2014**, 94, 164-71	3.2	5
150	Genome-wide nucleosome map and cytosine methylation levels of an ancient human genome. *Genome Research*, **2014**, 24, 454-66	9.7	113
149	Alopecia areata and vitiligo - partners in crime or a case of false alibis. *Experimental Dermatology*, **2014**, 23, 153-4	4	2
148	Topobiology of human pigmentation: P-cadherin selectively stimulates hair follicle melanogenesis. *Journal of Investigative Dermatology*, **2013**, 133, 1591-600	4.3	22
147	Key role of CRF in the skin stress response system. *Endocrine Reviews*, **2013**, 34, 827-84	27.2	249
146	What causes alopecia areata?. *Experimental Dermatology*, **2013**, 22, 609-26	4	97
145	The effects of Sophora angustifolia and other natural plant extracts on melanogenesis and melanin transfer in human skin cells. *Experimental Dermatology*, **2013**, 22, 67-9	4	9
144	The biology of hair diversity. *International Journal of Cosmetic Science*, **2013**, 35, 329-36	2.7	35

143	Desmoplastic melanoma presenting with localized hair repigmentation. *British Journal of Dermatology*, **2013**, 169, 1371-3	4	4
142	A new 12-gene diagnostic biomarker signature of melanoma revealed by integrated microarray analysis. *PeerJ*, **2013**, 1, e49	3.1	41
141	The eicosanoid response to high dose UVR exposure of individuals prone and resistant to sunburn. *Photochemical and Photobiological Sciences*, **2012**, 11, 371-80	4.2	19
140	Static and dynamic nanomechanical properties of human skin tissue using atomic force microscopy: effect of scarring in the upper dermis. *Acta Biomaterialia*, **2012**, 8, 4123-9	10.8	53
139	DNA from keratinous tissue. Part I: hair and nail. *Annals of Anatomy*, **2012**, 194, 17-25	2.9	47
138	Bone morphogenetic proteins differentially regulate pigmentation in human skin cells. *Journal of Cell Science*, **2012**, 125, 4306-19	5.3	26
137	Ex vivo organ culture of human hair follicles: a model epithelial-neuroectodermal-mesenchymal interaction system. *Methods in Molecular Biology*, **2011**, 695, 213-27	1.4	12
136	The mitochondrial electron transport chain is dispensable for proliferation and differentiation of epidermal progenitor cells. *Stem Cells*, **2011**, 29, 1459-68	5.8	41
135	The cell biology of human hair follicle pigmentation. *Pigment Cell and Melanoma Research*, **2011**, 24, 75-88	4.5	99
134	Matrix metalloproteinase-9 is involved in the regulation of hair canal formation. *Journal of Investigative Dermatology*, **2011**, 131, 257-60	4.3	17
133	Zinc oxide nanoparticle induced genotoxicity in primary human epidermal keratinocytes. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 3782-8	1.3	128
132	Regulated proenkephalin expression in human skin and cultured skin cells. *Journal of Investigative Dermatology*, **2011**, 131, 613-22	4.3	59
131	Human hair follicle and epidermal melanocytes exhibit striking differences in their aging profile which involves catalase. *Journal of Investigative Dermatology*, **2011**, 131, 979-82	4.3	39
130	Essential role of the keratinocyte-specific endonuclease DNase1L2 in the removal of nuclear DNA from hair and nails. *Journal of Investigative Dermatology*, **2011**, 131, 1208-15	4.3	53
129	EVALUATING HISTOLOGICAL METHODS FOR ASSESSING HAIR FIBRE DEGRADATION. *Archaeometry* , **2010**, 52, 467-481	1.6	30
128	Intermediate hair follicles: a new more clinically relevant model for hair growth investigations. *British Journal of Dermatology*, **2010**, 163, 287-95	4	23
127	Impaired turnover of autophagolysosomes in cathepsin L deficiency. *Biological Chemistry*, **2010**, 391, 913-22	4.5	60
126	Melanin transfer in human skin cells is mediated by filopodia--a model for homotypic and heterotypic lysosome-related organelle transfer. *FASEB Journal*, **2010**, 24, 3756-69	0.9	88

125	Hair color measurement **2010**, 371-392		
124	Trichohyalin is a potential major autoantigen in human alopecia areata. *Journal of Proteome Research*, **2010**, 9, 5153-63	5.6	44
123	Prostaglandin-E2 is produced by adult human epidermal melanocytes in response to UVB in a melanogenesis-independent manner. *Pigment Cell and Melanoma Research*, **2010**, 23, 394-403	4.5	34
122	Hair After Death **2010**, 249-261		11
121	Prostaglandin D production in FM55 melanoma cells is regulated by alpha-melanocyte-stimulating hormone and is not related to melanin production. *Experimental Dermatology*, **2010**, 19, 751-3	4	11
120	Gerontobiology of the Hair Follicle **2010**, 1-8		2
119	The Aging Hair Pigmentary Unit **2010**, 77-89		3
118	Human Hair Follicle Melanocytes as a Proxy Cell Type in Neurodegeneration Research **2010**, 101-111		
117	Aging of the hair follicle pigmentation system. *International Journal of Trichology*, **2009**, 1, 83-93	1.1	52
116	Woolly antics between the sheaths. *Journal of Investigative Dermatology*, **2009**, 129, 540-2	4.3	1
115	Opioids and the skin--where do we stand?. *Experimental Dermatology*, **2009**, 18, 424-30	4	98
114	What are melanocytes really doing all day long...?. *Experimental Dermatology*, **2009**, 18, 799-819	4	197
113	The sunburn response in human skin is characterized by sequential eicosanoid profiles that may mediate its early and late phases. *FASEB Journal*, **2009**, 23, 3947-56	0.9	94
112	Immature reticulocyte fraction as a useful parameter for blood transfusion assessment in anaemia. *British Journal of Biomedical Science*, **2009**, 66, 98-101	1.6	5
111	Neurobiology of Hair **2009**, 139-157		
110	Skin and hair follicle fibroblasts differentially express POMC peptides, receptors and associated processing convertases during the hair growth cycle and in vitro implications for fibroblast topographic differentiation in skin. *Experimental Dermatology*, **2008**, 13, 583-583	4	
109	Further exploring the brain-skin connection: stress worsens dermatitis via substance P-dependent neurogenic inflammation in mice. *Journal of Investigative Dermatology*, **2008**, 128, 434-46	4.3	107
108	Human hair pigmentation--biological aspects. *International Journal of Cosmetic Science*, **2008**, 30, 233-57	2.7	72

107	Skin as an endocrine organ: implications for its function. *Drug Discovery Today Disease Mechanisms*, **2008**, 5, 137-144		82
106	Melatonin in the skin: synthesis, metabolism and functions. *Trends in Endocrinology and Metabolism*, **2008**, 19, 17-24	8.8	211
105	Adult human epidermal melanocytes for neurodegeneration research. *NeuroReport*, **2008**, 19, 1787-91	1.7	8
104	Melatonin and the hair follicle. *Journal of Pineal Research*, **2008**, 44, 1-15	10.4	78
103	The silver locus product (Silv/gp100/Pmel17) as a new tool for the analysis of melanosome transfer in human melanocyte-keratinocyte co-culture. *Experimental Dermatology*, **2008**, 17, 418-26	4	57
102	John Martin Wood (1938-2008)--pioneering biochemist, educator and communicator. *Experimental Dermatology*, **2008**, 17, 579-83	4	0
101	Biology of Hair Follicle Pigmentation **2008**, 51-74		11
100	Transforming growth factor-beta receptor II is preferentially expressed in the companion layer of the human anagen hair follicle. *British Journal of Dermatology*, **2007**, 157, 161-4	4	5
99	Selective biodegradation in hair shafts derived from archaeological, forensic and experimental contexts. *British Journal of Dermatology*, **2007**, 157, 450-7	4	59
98	Does p53 regulate skin pigmentation by controlling proopiomelanocortin gene transcription?. *Pigment Cell & Melanoma Research*, **2007**, 20, 307-8; author reply 309-10		14
97	Modelling the buried human body environment in upland climes using three contrasting field sites. *Forensic Science International*, **2007**, 169, 6-18	2.6	113
96	Proopiomelanocortin (POMC), the ACTH/melanocortin precursor, is secreted by human epidermal keratinocytes and melanocytes and stimulates melanogenesis. *FASEB Journal*, **2007**, 21, 1844-56	0.9	122
95	Cell type-specific functions of the lysosomal protease cathepsin L in the heart. *Journal of Biological Chemistry*, **2007**, 282, 37045-52	5.4	46
94	Dissecting the impact of chemotherapy on the human hair follicle: a pragmatic in vitro assay for studying the pathogenesis and potential management of hair follicle dystrophy. *American Journal of Pathology*, **2007**, 171, 1153-67	5.8	84
93	Histological correlates of post mortem mitochondrial DNA damage in degraded hair. *Forensic Science International*, **2006**, 156, 201-7	2.6	26
92	Resistance of degraded hair shafts to contaminant DNA. *Forensic Science International*, **2006**, 156, 208-12	2.6	52
91	The genetically programmed hair growth cycle and alopecia: what is there to know?. *Expert Review of Dermatology*, **2006**, 1, 413-428		2
90	Modulation of the human hair follicle pigmentary unit by corticotropin-releasing hormone and urocortin peptides. *FASEB Journal*, **2006**, 20, 882-95	0.9	51

89	NF-kappaB transmits Eda A1/EdaR signalling to activate Shh and cyclin D1 expression, and controls post-initiation hair placode down growth. *Development (Cambridge)*, **2006**, 133, 1045-57	6.6	129
88	Lysosomal, cytoskeletal, and metabolic alterations in cardiomyopathy of cathepsin L knockout mice. *FASEB Journal*, **2006**, 20, 1266-8	0.9	65
87	Biochemistry of human skin--our brain on the outside. *Chemical Society Reviews*, **2006**, 35, 52-67	58.5	214
86	Corticotropin releasing hormone and the skin. *Frontiers in Bioscience - Landmark*, **2006**, 11, 2230-48	2.8	124
85	Activation of the Mitf promoter by lipid-stimulated activation of p38-stress signalling to CREB. *Pigment Cell & Melanoma Research*, **2006**, 19, 595-605		129
84	Melanocortin receptor ligands: new horizons for skin biology and clinical dermatology. *Journal of Investigative Dermatology*, **2006**, 126, 1966-75	4.3	125
83	Hair follicle pigmentation. *Journal of Investigative Dermatology*, **2005**, 124, 13-21	4.3	341
82	Hair melanocytes as neuro-endocrine sensors--pigments for our imagination. *Molecular and Cellular Endocrinology*, **2005**, 243, 1-11	4.4	34
81	Stress exposure modulates peptidergic innervation and degranulates mast cells in murine skin. *Brain, Behavior, and Immunity*, **2005**, 19, 252-62	16.6	94
80	A fully functional proopiomelanocortin/melanocortin-1 receptor system regulates the differentiation of human scalp hair follicle melanocytes. *Endocrinology*, **2005**, 146, 532-43	4.8	63
79	On the role of melatonin in skin physiology and pathology. *Endocrine*, **2005**, 27, 137-48		166
78	Differential expression of nitric oxide synthases in human scalp epidermal and hair follicle pigmentary units: implications for regulation of melanogenesis. *British Journal of Dermatology*, **2005**, 153, 301-9	4	19
77	Changes in different melanocyte populations during hair follicle involution (catagen). *Journal of Investigative Dermatology*, **2005**, 125, 1259-67	4.3	32
76	Premature termination of hair follicle morphogenesis and accelerated hair follicle cycling in Iasi congenital atrichia (fzica) mice points to fuzzy as a key element of hair cycle control. *Experimental Dermatology*, **2005**, 14, 561-70	4	18
75	Beta-endorphin: the forgotten hair follicle melanotropin. *Journal of Investigative Dermatology Symposium Proceedings*, **2005**, 10, 212-6	1.1	17
74	Hair pigmentation: a research update. *Journal of Investigative Dermatology Symposium Proceedings*, **2005**, 10, 275-9	1.1	14
73	The cutaneous serotoninergic/melatoninergic system: securing a place under the sun. *FASEB Journal*, **2005**, 19, 176-94	0.9	281
72	The lysosomal cysteine protease cathepsin L regulates keratinocyte proliferation by control of growth factor recycling. *Journal of Cell Science*, **2005**, 118, 3387-95	5.3	98

71	Differential expression of a cutaneous corticotropin-releasing hormone system. *Endocrinology*, **2004**, 145, 941-50	4.8	155
70	Neurotrophin-3 regulates mast cell functions in neonatal mouse skin. *Experimental Dermatology*, **2004**, 13, 273-81	4	26
69	Limitations of human occipital scalp hair follicle organ culture for studying the effects of minoxidil as a hair growth enhancer. *Experimental Dermatology*, **2004**, 13, 635-42	4	30
68	beta-Endorphin as a regulator of human hair follicle melanocyte biology. *Journal of Investigative Dermatology*, **2004**, 123, 184-95	4.3	59
67	Ancient mitochondrial DNA from hair. *Current Biology*, **2004**, 14, R463-4	6.3	105
66	Hair cycle and hair pigmentation: dynamic interactions and changes associated with aging. *Micron*, **2004**, 35, 193-200	2.3	122
65	Melanin pigmentation in mammalian skin and its hormonal regulation. *Physiological Reviews*, **2004**, 84, 1155-228	47.9	1370
64	Functional activity of serotoninergic and melatoninergic systems expressed in the skin. *Journal of Cellular Physiology*, **2003**, 196, 144-53	7	172
63	Tyrosine hydroxylase isoenzyme I is present in human melanosomes: a possible novel function in pigmentation. *Experimental Dermatology*, **2003**, 12, 61-70	4	47
62	Plasticity and cytokinetic dynamics of the hair follicle mesenchyme during the hair growth cycle: implications for growth control and hair follicle transformations. *Journal of Investigative Dermatology Symposium Proceedings*, **2003**, 8, 80-6	1.1	39
61	Plasticity and cytokinetic dynamics of the hair follicle mesenchyme: implications for hair growth control. *Journal of Investigative Dermatology*, **2003**, 120, 895-904	4.3	118
60	Regulation of human epidermal melanocyte biology by beta-endorphin. *Journal of Investigative Dermatology*, **2003**, 120, 1073-80	4.3	99
59	Characterization of hair follicle antigens targeted by the anti-hair follicle immune response. *Journal of Investigative Dermatology Symposium Proceedings*, **2003**, 8, 176-81	1.1	55
58	A natural canine homologue of alopecia areata in humans. *British Journal of Dermatology*, **2003**, 149, 938-50	4	27
57	Simple and rapid method to isolate and culture follicular papillae from human scalp hair follicles. *Experimental Dermatology*, **2002**, 11, 381-5	4	67
56	Expression of hypothalamic-pituitary-thyroid axis related genes in the human skin. *Journal of Investigative Dermatology*, **2002**, 119, 1449-55	4.3	116
55	Migration of melanoblasts into the developing murine hair follicle is accompanied by transient c-Kit expression. *Journal of Histochemistry and Cytochemistry*, **2002**, 50, 751-66	3.4	87
54	Serotoninergic and melatoninergic systems are fully expressed in human skin. *FASEB Journal*, **2002**, 16, 896-8	0.9	199

53	Dilated cardiomyopathy in mice deficient for the lysosomal cysteine peptidase cathepsin L. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 6234-9	11.5	154
52	Decreased photodamage and low incidence of non-melanoma skin cancer in 136 sun-exposed caucasian patients with vitiligo. *Dermatology*, **2002**, 204, 194-201	4.4	73
51	The lysosomal protease cathepsin L is an important regulator of keratinocyte and melanocyte differentiation during hair follicle morphogenesis and cycling. *American Journal of Pathology*, **2002**, 160, 1807-21	5.8	132
50	Mutant laboratory mice with abnormalities in pigmentation: annotated tables. *Journal of Dermatological Science*, **2002**, 28, 1-33	4.3	34
49	Diphencyprone immunotherapy alters anti-hair follicle antibody status in patients with alopecia areata. *European Journal of Dermatology*, **2002**, 12, 327-34	0.8	16
48	Hair-cycle-associated remodeling of the peptidergic innervation of murine skin, and hair growth modulation by neuropeptides. *Journal of Investigative Dermatology*, **2001**, 116, 236-45	4.3	83
47	Patterns of proliferation and apoptosis during murine hair follicle morphogenesis. *Journal of Investigative Dermatology*, **2001**, 116, 947-55	4.3	73
46	Graying: gerontobiology of the hair follicle pigmentary unit. *Experimental Gerontology*, **2001**, 36, 29-54	4.5	235
45	Melanosomal pH controls rate of melanogenesis, eumelanin/phaeomelanin ratio and melanosome maturation in melanocytes and melanoma cells. *Experimental Cell Research*, **2001**, 268, 26-35	4.2	170
44	Yesterday@ hair--human hair in archaeology. *Biologist*, **2001**, 48, 213-7		17
43	Melanocytes are not absent in lesional skin of long duration vitiligo. *Journal of Pathology*, **2000**, 191, 407-16	9.4	177
42	Pro-opiomelanocortin-related peptides, prohormone convertases 1 and 2 and the regulatory peptide 7B2 are present in melanosomes of human melanocytes. *Journal of Investigative Dermatology*, **2000**, 114, 430-7	4.3	44
41	Active hair growth (anagen) is associated with angiogenesis. *Journal of Investigative Dermatology*, **2000**, 114, 909-16	4.3	171
40	The human hair follicle immune system: cellular composition and immune privilege. *British Journal of Dermatology*, **2000**, 142, 862-73	4	244
39	Morphologic and immunologic characterization of a canine isthmus mural folliculitis resembling pseudopelade of humans. *Veterinary Dermatology*, **2000**, 11, 17-24	1.8	8
38	Anti-isthmus autoimmunity in a novel feline acquired alopecia resembling pseudopelade of humans*. *Veterinary Dermatology*, **2000**, 11, 261-270	1.8	27
37	Immunobiology of alopecia areata **2000**, 187-201		6
36	alpha-MSH can control the essential cofactor 6-tetrahydrobiopterin in melanogenesis. *Annals of the New York Academy of Sciences*, **1999**, 885, 329-41	6.5	21

35	Alopecia areata: an autoimmune disease?. *Experimental Dermatology*, **1999**, 8, 371-9	4	83
34	The fate of hair follicle melanocytes during the hair growth cycle. *Journal of Investigative Dermatology Symposium Proceedings*, **1999**, 4, 323-32	1.1	82
33	In vivo and in vitro evidence for hydrogen peroxide (H2O2) accumulation in the epidermis of patients with vitiligo and its successful removal by a UVB-activated pseudocatalase. *Journal of Investigative Dermatology Symposium Proceedings*, **1999**, 4, 91-6	1.1	307
32	Pterins in human hair follicle cells and in the synchronized murine hair cycle. *Journal of Investigative Dermatology*, **1998**, 111, 545-50	4.3	24
31	Do hair bulb melanocytes undergo apoptosis during hair follicle regression (catagen)?. *Journal of Investigative Dermatology*, **1998**, 111, 941-7	4.3	107
30	A possible role for Langerhans cells in the removal of melanin from early catagen hair follicles. *British Journal of Dermatology*, **1998**, 138, 795-8	4	26
29	Equine alopecia areata autoantibodies target multiple hair follicle antigens and may alter hair growth. A preliminary study. *Experimental Dermatology*, **1998**, 7, 289-97	4	21
28	Comparison of alopecia areata in human and nonhuman mammalian species. *Pathobiology*, **1998**, 66, 90-107	3.6	67
27	Hair Follicle Structures Targeted by Antibodies in Patients With Alopecia Areata. *Archives of Dermatology*, **1997**, 133, 57		41
26	Autoantibodies to hair follicles in C3H/HeJ mice with alopecia areata-like hair loss. *Journal of Investigative Dermatology*, **1997**, 109, 329-33	4.3	52
25	Morphological analysis of hair follicles in alopecia areata. *Microscopy Research and Technique*, **1997**, 38, 443-51	2.8	32
24	Hair follicle structures targeted by antibodies in patients with alopecia areata. *Archives of Dermatology*, **1997**, 133, 57-61		43
23	Hair follicle structures targeted by antibodies in patients with alopecia areata. *Archives of Dermatology*, **1997**, 133, 57-61		7
22	Different populations of melanocytes are present in hair follicles and epidermis. *Pigment Cell & Melanoma Research*, **1996**, 9, 304-10		106
21	Immunity to hair follicles in alopecia areata. *Journal of Investigative Dermatology*, **1995**, 104, 13S-14S	4.3	9
20	Role of the thymus gland in alopecia areata. *Journal of Investigative Dermatology*, **1995**, 104, 25S-26S	4.3	1
19	Isolation and long-term culture of human hair-follicle melanocytes. *Journal of Investigative Dermatology*, **1995**, 104, 86-9	4.3	60
18	Autoantibodies to Hair Follicles in Normal Individuals. *Archives of Dermatology*, **1994**, 130, 395		7

17	Antibodies to hair follicles in alopecia areata. *Journal of Investigative Dermatology*, **1994**, 102, 721-4	4.3	89
16	Autoantibodies to hair follicles in normal individuals. *Archives of Dermatology*, **1994**, 130, 395-396		8
15	Partial Reversal of Canities in a 22-Year-Old Normal Chinese Male. *Archives of Dermatology*, **1993**, 129, 789		8
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