

Desmond J Tobin

List of Publications by Citations

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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	Melanin pigmentation in mammalian skin and its hormonal regulation. <i>Physiological Reviews</i> , 2004 , 84, 1155-228	47.9	1370
195	Hair follicle pigmentation. <i>Journal of Investigative Dermatology</i> , 2005 , 124, 13-21	4.3	341
194	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. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 1999 , 4, 91-6	1.1	307
193	The cutaneous serotonergic/melatonergic system: securing a place under the sun. <i>FASEB Journal</i> , 2005 , 19, 176-94	0.9	281
192	Key role of CRF in the skin stress response system. <i>Endocrine Reviews</i> , 2013 , 34, 827-84	27.2	249
191	The human hair follicle immune system: cellular composition and immune privilege. <i>British Journal of Dermatology</i> , 2000 , 142, 862-73	4	244
190	Graying: gerontobiology of the hair follicle pigmentary unit. <i>Experimental Gerontology</i> , 2001 , 36, 29-54	4.5	235
189	Biochemistry of human skin—our brain on the outside. <i>Chemical Society Reviews</i> , 2006 , 35, 52-67	58.5	214
188	Melatonin in the skin: synthesis, metabolism and functions. <i>Trends in Endocrinology and Metabolism</i> , 2008 , 19, 17-24	8.8	211
187	Introduction to skin aging. <i>Journal of Tissue Viability</i> , 2017 , 26, 37-46	3.2	200
186	Serotonergic and melatonergic systems are fully expressed in human skin. <i>FASEB Journal</i> , 2002 , 16, 896-8	0.9	199
185	What are melanocytes really doing all day long...?. <i>Experimental Dermatology</i> , 2009 , 18, 799-819	4	197
184	Increased number of immunoreactive nerve fibers in atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 1992 , 90, 613-22	11.5	182
183	Melanocytes are not absent in lesional skin of long duration vitiligo. <i>Journal of Pathology</i> , 2000 , 191, 407-16	9.4	177
182	Functional activity of serotonergic and melatonergic systems expressed in the skin. <i>Journal of Cellular Physiology</i> , 2003 , 196, 144-53	7	172
181	Active hair growth (anagen) is associated with angiogenesis. <i>Journal of Investigative Dermatology</i> , 2000 , 114, 909-16	4.3	171
180	Melanosomal pH controls rate of melanogenesis, eumelanin/phaeomelanin ratio and melanosome maturation in melanocytes and melanoma cells. <i>Experimental Cell Research</i> , 2001 , 268, 26-35	4.2	170

179	On the role of melatonin in skin physiology and pathology. <i>Endocrine</i> , 2005 , 27, 137-48		166
178	Differential expression of a cutaneous corticotropin-releasing hormone system. <i>Endocrinology</i> , 2004 , 145, 941-50	4.8	155
177	Dilated cardiomyopathy in mice deficient for the lysosomal cysteine peptidase cathepsin L. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 6234-9	11.5	154
176	The lysosomal protease cathepsin L is an important regulator of keratinocyte and melanocyte differentiation during hair follicle morphogenesis and cycling. <i>American Journal of Pathology</i> , 2002 , 160, 1807-21	5.8	132
175	NF-kappaB transmits Eda A1/EdaR signalling to activate Shh and cyclin D1 expression, and controls post-initiation hair placode down growth. <i>Development (Cambridge)</i> , 2006 , 133, 1045-57	6.6	129
174	Activation of the Mitf promoter by lipid-stimulated activation of p38-stress signalling to CREB. <i>Pigment Cell & Melanoma Research</i> , 2006 , 19, 595-605		129
173	Zinc oxide nanoparticle induced genotoxicity in primary human epidermal keratinocytes. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 3782-8	1.3	128
172	Melanocortin receptor ligands: new horizons for skin biology and clinical dermatology. <i>Journal of Investigative Dermatology</i> , 2006 , 126, 1966-75	4.3	125
171	Corticotropin releasing hormone and the skin. <i>Frontiers in Bioscience - Landmark</i> , 2006 , 11, 2230-48	2.8	124
170	Proopiomelanocortin (POMC), the ACTH/melanocortin precursor, is secreted by human epidermal keratinocytes and melanocytes and stimulates melanogenesis. <i>FASEB Journal</i> , 2007 , 21, 1844-56	0.9	122
169	Hair cycle and hair pigmentation: dynamic interactions and changes associated with aging. <i>Micron</i> , 2004 , 35, 193-200	2.3	122
168	Plasticity and cytokinetic dynamics of the hair follicle mesenchyme: implications for hair growth control. <i>Journal of Investigative Dermatology</i> , 2003 , 120, 895-904	4.3	118
167	Expression of hypothalamic-pituitary-thyroid axis related genes in the human skin. <i>Journal of Investigative Dermatology</i> , 2002 , 119, 1449-55	4.3	116
166	Genome-wide nucleosome map and cytosine methylation levels of an ancient human genome. <i>Genome Research</i> , 2014 , 24, 454-66	9.7	113
165	Modelling the buried human body environment in upland climes using three contrasting field sites. <i>Forensic Science International</i> , 2007 , 169, 6-18	2.6	113
164	A genome-wide association scan in admixed Latin Americans identifies loci influencing facial and scalp hair features. <i>Nature Communications</i> , 2016 , 7, 10815	17.4	108
163	Do hair bulb melanocytes undergo apoptosis during hair follicle regression (catagen)? <i>Journal of Investigative Dermatology</i> , 1998 , 111, 941-7	4.3	107
162	Further exploring the brain-skin connection: stress worsens dermatitis via substance P-dependent neurogenic inflammation in mice. <i>Journal of Investigative Dermatology</i> , 2008 , 128, 434-46	4.3	107

161	Different populations of melanocytes are present in hair follicles and epidermis. <i>Pigment Cell & Melanoma Research</i> , 1996 , 9, 304-10		106
160	Ancient mitochondrial DNA from hair. <i>Current Biology</i> , 2004 , 14, R463-4	6.3	105
159	The cell biology of human hair follicle pigmentation. <i>Pigment Cell and Melanoma Research</i> , 2011 , 24, 75-88	5	99
158	Regulation of human epidermal melanocyte biology by beta-endorphin. <i>Journal of Investigative Dermatology</i> , 2003 , 120, 1073-80	4.3	99
157	Opioids and the skin--where do we stand?. <i>Experimental Dermatology</i> , 2009 , 18, 424-30	4	98
156	The lysosomal cysteine protease cathepsin L regulates keratinocyte proliferation by control of growth factor recycling. <i>Journal of Cell Science</i> , 2005 , 118, 3387-95	5.3	98
155	What causes alopecia areata?. <i>Experimental Dermatology</i> , 2013 , 22, 609-26	4	97
154	The sunburn response in human skin is characterized by sequential eicosanoid profiles that may mediate its early and late phases. <i>FASEB Journal</i> , 2009 , 23, 3947-56	0.9	94
153	Stress exposure modulates peptidergic innervation and degranulates mast cells in murine skin. <i>Brain, Behavior, and Immunity</i> , 2005 , 19, 252-62	16.6	94
152	Antibodies to hair follicles in alopecia areata. <i>Journal of Investigative Dermatology</i> , 1994 , 102, 721-4	4.3	89
151	Melanin transfer in human skin cells is mediated by filopodia--a model for homotypic and heterotypic lysosome-related organelle transfer. <i>FASEB Journal</i> , 2010 , 24, 3756-69	0.9	88
150	Migration of melanoblasts into the developing murine hair follicle is accompanied by transient c-Kit expression. <i>Journal of Histochemistry and Cytochemistry</i> , 2002 , 50, 751-66	3.4	87
149	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. <i>American Journal of Pathology</i> , 2007 , 171, 1153-67	5.8	84
148	Hair-cycle-associated remodeling of the peptidergic innervation of murine skin, and hair growth modulation by neuropeptides. <i>Journal of Investigative Dermatology</i> , 2001 , 116, 236-45	4.3	83
147	Alopecia areata: an autoimmune disease?. <i>Experimental Dermatology</i> , 1999 , 8, 371-9	4	83
146	Skin as an endocrine organ: implications for its function. <i>Drug Discovery Today Disease Mechanisms</i> , 2008 , 5, 137-144		82
145	The fate of hair follicle melanocytes during the hair growth cycle. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 1999 , 4, 323-32	1.1	82
144	Melatonin and the hair follicle. <i>Journal of Pineal Research</i> , 2008 , 44, 1-15	10.4	78

143	Patterns of proliferation and apoptosis during murine hair follicle morphogenesis. <i>Journal of Investigative Dermatology</i> , 2001 , 116, 947-55	4.3	73
142	Decreased photodamage and low incidence of non-melanoma skin cancer in 136 sun-exposed caucasian patients with vitiligo. <i>Dermatology</i> , 2002 , 204, 194-201	4.4	73
141	Ultrastructural observations on the hair bulb melanocytes and melanosomes in acute alopecia areata. <i>Journal of Investigative Dermatology</i> , 1990 , 94, 803-7	4.3	73
140	A GWAS in Latin Americans highlights the convergent evolution of lighter skin pigmentation in Eurasia. <i>Nature Communications</i> , 2019 , 10, 358	17.4	72
139	Human hair pigmentation--biological aspects. <i>International Journal of Cosmetic Science</i> , 2008 , 30, 233-57	2.7	72
138	Suppression of autophagy dysregulates the antioxidant response and causes premature senescence of melanocytes. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 1348-1357	4.3	67
137	Simple and rapid method to isolate and culture follicular papillae from human scalp hair follicles. <i>Experimental Dermatology</i> , 2002 , 11, 381-5	4	67
136	Comparison of alopecia areata in human and nonhuman mammalian species. <i>Pathobiology</i> , 1998 , 66, 90-107	3.6	67
135	Lysosomal, cytoskeletal, and metabolic alterations in cardiomyopathy of cathepsin L knockout mice. <i>FASEB Journal</i> , 2006 , 20, 1266-8	0.9	65
134	A fully functional proopiomelanocortin/melanocortin-1 receptor system regulates the differentiation of human scalp hair follicle melanocytes. <i>Endocrinology</i> , 2005 , 146, 532-43	4.8	63
133	Impaired turnover of autophagolysosomes in cathepsin L deficiency. <i>Biological Chemistry</i> , 2010 , 391, 913-22	4.5	60
132	Isolation and long-term culture of human hair-follicle melanocytes. <i>Journal of Investigative Dermatology</i> , 1995 , 104, 86-9	4.3	60
131	Regulated proenkephalin expression in human skin and cultured skin cells. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 613-22	4.3	59
130	Selective biodegradation in hair shafts derived from archaeological, forensic and experimental contexts. <i>British Journal of Dermatology</i> , 2007 , 157, 450-7	4	59
129	beta-Endorphin as a regulator of human hair follicle melanocyte biology. <i>Journal of Investigative Dermatology</i> , 2004 , 123, 184-95	4.3	59
128	The silver locus product (Silv/gp100/Pmel17) as a new tool for the analysis of melanosome transfer in human melanocyte-keratinocyte co-culture. <i>Experimental Dermatology</i> , 2008 , 17, 418-26	4	57
127	Melanin distribution in human epidermis affords localized protection against DNA photodamage and concurs with skin cancer incidence difference in extreme phototypes. <i>FASEB Journal</i> , 2018 , 32, 3700-3706	0.9	55
126	Characterization of hair follicle antigens targeted by the anti-hair follicle immune response. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2003 , 8, 176-81	1.1	55

125	Static and dynamic nanomechanical properties of human skin tissue using atomic force microscopy: effect of scarring in the upper dermis. <i>Acta Biomaterialia</i> , 2012 , 8, 4123-9	10.8	53
124	Essential role of the keratinocyte-specific endonuclease DNase1L2 in the removal of nuclear DNA from hair and nails. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 1208-15	4.3	53
123	Aging of the hair follicle pigmentation system. <i>International Journal of Trichology</i> , 2009 , 1, 83-93	1.1	52
122	Autoantibodies to hair follicles in C3H/HeJ mice with alopecia areata-like hair loss. <i>Journal of Investigative Dermatology</i> , 1997 , 109, 329-33	4.3	52
121	Resistance of degraded hair shafts to contaminant DNA. <i>Forensic Science International</i> , 2006 , 156, 208-12.6		52
120	Modulation of the human hair follicle pigmentary unit by corticotropin-releasing hormone and urocortin peptides. <i>FASEB Journal</i> , 2006 , 20, 882-95	0.9	51
119	The peripheral clock regulates human pigmentation. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 1053-1064	4.3	50
118	DNA from keratinous tissue. Part I: hair and nail. <i>Annals of Anatomy</i> , 2012 , 194, 17-25	2.9	47
117	Tyrosine hydroxylase isoenzyme I is present in human melanosomes: a possible novel function in pigmentation. <i>Experimental Dermatology</i> , 2003 , 12, 61-70	4	47
116	Cell type-specific functions of the lysosomal protease cathepsin L in the heart. <i>Journal of Biological Chemistry</i> , 2007 , 282, 37045-52	5.4	46
115	Cell degeneration in alopecia areata. An ultrastructural study. <i>American Journal of Dermatopathology</i> , 1991 , 13, 248-56	0.9	46
114	Trichohyalin is a potential major autoantigen in human alopecia areata. <i>Journal of Proteome Research</i> , 2010 , 9, 5153-63	5.6	44
113	Pro-opiomelanocortin-related peptides, prohormone convertases 1 and 2 and the regulatory peptide 7B2 are present in melanosomes of human melanocytes. <i>Journal of Investigative Dermatology</i> , 2000 , 114, 430-7	4.3	44
112	Hair follicle structures targeted by antibodies in patients with alopecia areata. <i>Archives of Dermatology</i> , 1997 , 133, 57-61		43
111	Mitochondrial function in murine skin epithelium is crucial for hair follicle morphogenesis and epithelial-mesenchymal interactions. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 679-689	4.3	42
110	The mitochondrial electron transport chain is dispensable for proliferation and differentiation of epidermal progenitor cells. <i>Stem Cells</i> , 2011 , 29, 1459-68	5.8	41
109	Hair Follicle Structures Targeted by Antibodies in Patients With Alopecia Areata. <i>Archives of Dermatology</i> , 1997 , 133, 57		41
108	A new 12-gene diagnostic biomarker signature of melanoma revealed by integrated microarray analysis. <i>PeerJ</i> , 2013 , 1, e49	3.1	41

107	Human hair follicle and epidermal melanocytes exhibit striking differences in their aging profile which involves catalase. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 979-82	4.3	39
106	Plasticity and cytokinetic dynamics of the hair follicle mesenchyme during the hair growth cycle: implications for growth control and hair follicle transformations. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2003 , 8, 80-6	1.1	39
105	The biology of hair diversity. <i>International Journal of Cosmetic Science</i> , 2013 , 35, 329-36	2.7	35
104	Prostaglandin-E2 is produced by adult human epidermal melanocytes in response to UVB in a melanogenesis-independent manner. <i>Pigment Cell and Melanoma Research</i> , 2010 , 23, 394-403	4.5	34
103	Hair melanocytes as neuro-endocrine sensors--pigments for our imagination. <i>Molecular and Cellular Endocrinology</i> , 2005 , 243, 1-11	4.4	34
102	Mutant laboratory mice with abnormalities in pigmentation: annotated tables. <i>Journal of Dermatological Science</i> , 2002 , 28, 1-33	4.3	34
101	Morphological analysis of hair follicles in alopecia areata. <i>Microscopy Research and Technique</i> , 1997 , 38, 443-51	2.8	32
100	Changes in different melanocyte populations during hair follicle involution (catagen). <i>Journal of Investigative Dermatology</i> , 2005 , 125, 1259-67	4.3	32
99	Tattoo ink nanoparticles in skin tissue and fibroblasts. <i>Beilstein Journal of Nanotechnology</i> , 2015 , 6, 1183-91		31
98	EVALUATING HISTOLOGICAL METHODS FOR ASSESSING HAIR FIBRE DEGRADATION. <i>Archaeometry</i> , 2010 , 52, 467-481	1.6	30
97	Limitations of human occipital scalp hair follicle organ culture for studying the effects of minoxidil as a hair growth enhancer. <i>Experimental Dermatology</i> , 2004 , 13, 635-42	4	30
96	A natural canine homologue of alopecia areata in humans. <i>British Journal of Dermatology</i> , 2003 , 149, 938-50	4	27
95	Anti-isthmus autoimmunity in a novel feline acquired alopecia resembling pseudopelade of humans*. <i>Veterinary Dermatology</i> , 2000 , 11, 261-270	1.8	27
94	Photobiomodulation devices for hair regrowth and wound healing: a therapy full of promise but a literature full of confusion. <i>Experimental Dermatology</i> , 2016 , 25, 745-9	4	27
93	Differential response of human dermal fibroblast subpopulations to visible and near-infrared light: Potential of photobiomodulation for addressing cutaneous conditions. <i>Lasers in Surgery and Medicine</i> , 2018 , 50, 859-882	3.6	26
92	Photobiomodulation of human dermal fibroblasts in vitro: decisive role of cell culture conditions and treatment protocols on experimental outcome. <i>Scientific Reports</i> , 2017 , 7, 2797	4.9	26
91	Bone morphogenetic proteins differentially regulate pigmentation in human skin cells. <i>Journal of Cell Science</i> , 2012 , 125, 4306-19	5.3	26
90	A possible role for Langerhans cells in the removal of melanin from early catagen hair follicles. <i>British Journal of Dermatology</i> , 1998 , 138, 795-8	4	26

89	Histological correlates of post mortem mitochondrial DNA damage in degraded hair. <i>Forensic Science International</i> , 2006 , 156, 201-7	2.6	26
88	Neurotrophin-3 regulates mast cell functions in neonatal mouse skin. <i>Experimental Dermatology</i> , 2004 , 13, 273-81	4	26
87	The biology of human hair greying. <i>Biological Reviews</i> , 2021 , 96, 107-128	13.5	25
86	Pterins in human hair follicle cells and in the synchronized murine hair cycle. <i>Journal of Investigative Dermatology</i> , 1998 , 111, 545-50	4.3	24
85	Intermediate hair follicles: a new more clinically relevant model for hair growth investigations. <i>British Journal of Dermatology</i> , 2010 , 163, 287-95	4	23
84	Melanin fate in the human epidermis: a reassessment of how best to detect and analyse histologically. <i>Experimental Dermatology</i> , 2016 , 25, 501-4	4	22
83	Topobiology of human pigmentation: P-cadherin selectively stimulates hair follicle melanogenesis. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 1591-600	4.3	22
82	Equine alopecia areata autoantibodies target multiple hair follicle antigens and may alter hair growth. A preliminary study. <i>Experimental Dermatology</i> , 1998 , 7, 289-97	4	21
81	alpha-MSH can control the essential cofactor 6-tetrahydrobiopterin in melanogenesis. <i>Annals of the New York Academy of Sciences</i> , 1999 , 885, 329-41	6.5	21
80	The eicosanoid response to high dose UVR exposure of individuals prone and resistant to sunburn. <i>Photochemical and Photobiological Sciences</i> , 2012 , 11, 371-80	4.2	19
79	Differential expression of nitric oxide synthases in human scalp epidermal and hair follicle pigmentary units: implications for regulation of melanogenesis. <i>British Journal of Dermatology</i> , 2005 , 153, 301-9	4	19
78	Premature termination of hair follicle morphogenesis and accelerated hair follicle cycling in lasi congenital atrichia (fzica) mice points to fuzzy as a key element of hair cycle control. <i>Experimental Dermatology</i> , 2005 , 14, 561-70	4	18
77	Matrix metalloproteinase-9 is involved in the regulation of hair canal formation. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 257-60	4.3	17
76	Beta-endorphin: the forgotten hair follicle melanotropin. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2005 , 10, 212-6	1.1	17
75	Ultrastructural study of exclamation-mark hair shafts in alopecia areata. <i>Journal of Cutaneous Pathology</i> , 1990 , 17, 348-54	1.7	17
74	Yesterday's hair—human hair in archaeology. <i>Biologist</i> , 2001 , 48, 213-7		17
73	IFN γ stimulates MxA Production in Human Dermal Fibroblasts via a MAPK-Dependent STAT1-Independent Mechanism. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 2935-2943	4.3	16
72	Shedding light on the variability of optical skin properties: finding a path towards more accurate prediction of light propagation in human cutaneous compartments. <i>Biomedical Optics Express</i> , 2018 , 9, 852-872	3.5	16

71	Diphencyprone immunotherapy alters anti-hair follicle antibody status in patients with alopecia areata. <i>European Journal of Dermatology</i> , 2002 , 12, 327-34	0.8	16
70	Imbalance of Mitochondrial Respiratory Chain Complexes in the Epidermis Induces Severe Skin Inflammation. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 132-140	4.3	15
69	MCV-miR-M1 Targets the Host-Cell Immune Response Resulting in the Attenuation of Neutrophil Chemotaxis. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 2343-2354	4.3	15
68	Characterization of serotonin and N-acetylserotonin systems in the human epidermis and skin cells. <i>Journal of Pineal Research</i> , 2020 , 68, e12626	10.4	15
67	E-cadherin mediates ultraviolet radiation- and calcium-induced melanin transfer in human skin cells. <i>Experimental Dermatology</i> , 2017 , 26, 1125-1133	4	14
66	Does p53 regulate skin pigmentation by controlling proopiomelanocortin gene transcription? <i>Pigment Cell & Melanoma Research</i> , 2007 , 20, 307-8; author reply 309-10		14
65	Hair pigmentation: a research update. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2005 , 10, 275-9	1.1	14
64	Dermal fibroblasts cultured from donors with type 2 diabetes mellitus retain an epigenetic memory associated with poor wound healing responses. <i>Scientific Reports</i> , 2021 , 11, 1474	4.9	13
63	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. <i>British Journal of Dermatology</i> , 2018 , 179, 1115-1126	4	12
62	Ex vivo organ culture of human hair follicles: a model epithelial-neuroectodermal-mesenchymal interaction system. <i>Methods in Molecular Biology</i> , 2011 , 695, 213-27	1.4	12
61	Morphological analysis of in vitro human hair growth. <i>Archives of Dermatological Research</i> , 1993 , 285, 158-64	3.3	12
60	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. <i>Indian Journal of Dermatology</i> , 2017 , 62, 304-308	0.9	12
59	Age-related hair pigment loss. <i>Current Problems in Dermatology</i> , 2015 , 47, 128-38		11
58	Hair After Death 2010 , 249-261		11
57	Prostaglandin D production in FM55 melanoma cells is regulated by alpha-melanocyte-stimulating hormone and is not related to melanin production. <i>Experimental Dermatology</i> , 2010 , 19, 751-3	4	11
56	Biology of Hair Follicle Pigmentation 2008 , 51-74		11
55	Androgens trigger different growth responses in genetically identical human hair follicles in organ culture that reflect their epigenetic diversity in life. <i>FASEB Journal</i> , 2018 , 32, 795-806	0.9	10
54	The effects of <i>Sophora angustifolia</i> and other natural plant extracts on melanogenesis and melanin transfer in human skin cells. <i>Experimental Dermatology</i> , 2013 , 22, 67-9	4	9

53	Immunity to hair follicles in alopecia areata. <i>Journal of Investigative Dermatology</i> , 1995 , 104, 13S-14S	4.3	9
52	Partial reversal of canities in a 22-year-old normal Chinese male. <i>Archives of Dermatology</i> , 1993 , 129, 789-791		9
51	Comparison of lipid membrane-water partitioning with various organic solvent-water partitions of neutral species and ionic species: Uniqueness of ceramide as a model for the stratum corneum in partition processes. <i>International Journal of Pharmaceutics</i> , 2015 , 494, 1-8	6.5	8
50	Adult human epidermal melanocytes for neurodegeneration research. <i>NeuroReport</i> , 2008 , 19, 1787-91	1.7	8
49	Morphologic and immunologic characterization of a canine isthmus mural folliculitis resembling pseudopelade of humans. <i>Veterinary Dermatology</i> , 2000 , 11, 17-24	1.8	8
48	Partial Reversal of Canities in a 22-Year-Old Normal Chinese Male. <i>Archives of Dermatology</i> , 1993 , 129, 789		8
47	Insights into the mechanics of solid conical microneedle array insertion into skin using the finite element method. <i>Acta Biomaterialia</i> , 2021 , 135, 403-413	10.8	8
46	Autoantibodies to hair follicles in normal individuals. <i>Archives of Dermatology</i> , 1994 , 130, 395-396		8
45	Circulating Melanoma-Derived Extracellular Vesicles: Impact on Melanoma Diagnosis, Progression Monitoring, and Treatment Response. <i>Pharmaceutics</i> , 2020 , 13,	5.2	7
44	Stress-sensing in the human greying hair follicle: Ataxia Telangiectasia Mutated (ATM) depletion in hair bulb melanocytes in canities-prone scalp. <i>Scientific Reports</i> , 2020 , 10, 18711	4.9	7
43	Autoantibodies to Hair Follicles in Normal Individuals. <i>Archives of Dermatology</i> , 1994 , 130, 395		7
42	Intranuclear rodlets and associated true intranuclear bodies in normal cultured human dermal papilla cells. <i>Journal of Investigative Dermatology</i> , 1991 , 96, 388-91	4.3	7
41	Hair follicle structures targeted by antibodies in patients with alopecia areata. <i>Archives of Dermatology</i> , 1997 , 133, 57-61		7
40	Epitopes of human immunodeficiency virus regulatory proteins tat, nef and rev are expressed in skin in atopic dermatitis. <i>International Archives of Allergy and Immunology</i> , 1993 , 100, 107-14	3.7	6
39	Immunobiology of alopecia areata 2000 , 187-201		6
38	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, 1-11	5.1	6
37	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
36	In vitro and ex vivo examination of topical Pomiferin treatments. <i>Floterap</i> 2014 , 94, 164-71	3.2	5

35	Immature reticulocyte fraction as a useful parameter for blood transfusion assessment in anaemia. <i>British Journal of Biomedical Science</i> , 2009 , 66, 98-101	1.6	5
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