

# Desmond J Tobin

## List of Publications by Year in descending order

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210  
papers

15,282  
citations

12303

69  
h-index

19136

118  
g-index

233  
all docs

233  
docs citations

233  
times ranked

15510  
citing authors

#	ARTICLE	IF	CITATIONS
1	Melanin Pigmentation in Mammalian Skin and Its Hormonal Regulation. <i>Physiological Reviews</i> , 2004, 84, 1155-1228.	13.1	1,666
2	Hair Follicle Pigmentation. <i>Journal of Investigative Dermatology</i> , 2005, 124, 13-21.	0.3	434
3	In Vivo and In Vitro Evidence for Hydrogen Peroxide (H <sub>2</sub> O <sub>2</sub> ) 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, 91-96.	0.8	364
4	The cutaneous serotonergic/melatonergic system: securing a place under the sun. <i>FASEB Journal</i> , 2005, 19, 176-194.	0.2	341
5	Introduction to skin aging. <i>Journal of Tissue Viability</i> , 2017, 26, 37-46.	0.9	337
6	Key Role of CRF in the Skin Stress Response System. <i>Endocrine Reviews</i> , 2013, 34, 827-884.	8.9	307
7	The human hair follicle immune system: cellular composition and immune privilege. <i>British Journal of Dermatology</i> , 2000, 142, 862-873.	1.4	305
8	Graying: gerontobiology of the hair follicle pigmentary unit. <i>Experimental Gerontology</i> , 2001, 36, 29-54.	1.2	293
9	Biochemistry of human skin—our brain on the outside. <i>Chemical Society Reviews</i> , 2006, 35, 52-67.	18.7	271
10	Melatonin in the skin: synthesis, metabolism and functions. <i>Trends in Endocrinology and Metabolism</i> , 2008, 19, 17-24.	3.1	255
11	Serotonergic and melatonergic systems are fully expressed in human skin. <i>FASEB Journal</i> , 2002, 16, 896-898.	0.2	246
12	What are melanocytes really doing all day long? <i>Experimental Dermatology</i> , 2009, 18, 799-819.	1.4	239
13	Active Hair Growth (Anagen) is Associated with Angiogenesis. <i>Journal of Investigative Dermatology</i> , 2000, 114, 909-916.	0.3	215
14	On the Role of Melatonin in Skin Physiology and Pathology. <i>Endocrine</i> , 2005, 27, 137-148.	2.2	211
15	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.	1.2	204
16	Increased number of immunoreactive nerve fibers in atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 1992, 90, 613-622.	1.5	202
17	Melanocytes are not absent in lesional skin of long duration vitiligo. <i>Journal of Pathology</i> , 2000, 191, 407-416.	2.1	198
18	Functional activity of serotonergic and melatonergic systems expressed in the skin. <i>Journal of Cellular Physiology</i> , 2003, 196, 144-153.	2.0	197

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19	Differential Expression of a Cutaneous Corticotropin-Releasing Hormone System. <i>Endocrinology</i> , 2004, 145, 941-950.	1.4	171
20	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, 6234-6239.	3.3	168
21	Genome-wide nucleosome map and cytosine methylation levels of an ancient human genome. <i>Genome Research</i> , 2014, 24, 454-466.	2.4	161
22	A genome-wide association scan in admixed Latin Americans identifies loci influencing facial and scalp hair features. <i>Nature Communications</i> , 2016, 7, 10815.	5.8	159
23	Hair cycle and hair pigmentation: dynamic interactions and changes associated with aging. <i>Micron</i> , 2004, 35, 193-200.	1.1	154
24	NF- $\kappa$ B 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, 1045-1057.	1.2	153
25	Proopiomelanocortin (POMC), the ACTH/ melanocortin precursor, is secreted by human epidermal keratinocytes and melanocytes and stimulates melanogenesis. <i>FASEB Journal</i> , 2007, 21, 1844-1856.	0.2	153
26	Melanocortin Receptor Ligands: New Horizons for Skin Biology and Clinical Dermatology. <i>Journal of Investigative Dermatology</i> , 2006, 126, 1966-1975.	0.3	149
27	Activation of the Mitf promoter by lipid-stimulated activation of p38-stress signalling to CREB. <i>Pigment Cell &amp; Melanoma Research</i> , 2006, 19, 595-605.	4.0	147
28	Expression of Hypothalamic-Pituitary-Thyroid Axis Related Genes in the Human Skin. <i>Journal of Investigative Dermatology</i> , 2002, 119, 1449-1455.	0.3	145
29	Zinc Oxide Nanoparticle Induced Genotoxicity in Primary Human Epidermal Keratinocytes. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 3782-3788.	0.9	145
30	Ancient mitochondrial DNA from hair. <i>Current Biology</i> , 2004, 14, R463-R464.	1.8	143
31	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, 1807-1821.	1.9	142
32	Corticotropin releasing hormone and the skin. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 2230.	3.0	141
33	What causes alopecia areata?. <i>Experimental Dermatology</i> , 2013, 22, 609-626.	1.4	137
34	Plasticity and Cytokinetic Dynamics of the Hair Follicle Mesenchyme: Implications for Hair Growth Control. <i>Journal of Investigative Dermatology</i> , 2003, 120, 895-904.	0.3	135
35	A GWAS in Latin Americans highlights the convergent evolution of lighter skin pigmentation in Eurasia. <i>Nature Communications</i> , 2019, 10, 358.	5.8	130
36	Different Populations of Melanocytes Are Present in Hair Follicles and Epidermis. <i>Pigment Cell &amp; Melanoma Research</i> , 1996, 9, 304-310.	4.0	128

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37	Further Exploring the Brainâ€“Skin Connection: Stress Worsens Dermatitis via Substance P-dependent Neurogenic Inflammation in Mice. <i>Journal of Investigative Dermatology</i> , 2008, 128, 434-446.	0.3	128
38	Do Hair Bulb Melanocytes Undergo Apoptosis During Hair Follicle Regression (Catagen)?. <i>Journal of Investigative Dermatology</i> , 1998, 111, 941-947.	0.3	126
39	Modelling the buried human body environment in upland climes using three contrasting field sites. <i>Forensic Science International</i> , 2007, 169, 6-18.	1.3	126
40	The cell biology of human hair follicle pigmentation. <i>Pigment Cell and Melanoma Research</i> , 2011, 24, 75-88.	1.5	124
41	Opioids and the skin â€“ where do we stand?. <i>Experimental Dermatology</i> , 2009, 18, 424-430.	1.4	120
42	Antibodies to Hair Follicles in Alopecia Areata. <i>Journal of Investigative Dermatology</i> , 1994, 102, 721-724.	0.3	118
43	Regulation of Human Epidermal Melanocyte Biology By $\beta$ -Endorphin. <i>Journal of Investigative Dermatology</i> , 2003, 120, 1073-1080.	0.3	115
44	The lysosomal cysteine protease cathepsin L regulates keratinocyte proliferation by control of growth factor recycling. <i>Journal of Cell Science</i> , 2005, 118, 3387-3395.	1.2	111
45	Melatonin and the hair follicle. <i>Journal of Pineal Research</i> , 2008, 44, 1-15.	3.4	110
46	Stress exposure modulates peptidergic innervation and degranulates mast cells in murine skin. <i>Brain, Behavior, and Immunity</i> , 2005, 19, 252-262.	2.0	109
47	Skin as an endocrine organ: implications for its function. <i>Drug Discovery Today Disease Mechanisms</i> , 2008, 5, e137-e144.	0.8	103
48	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, 3947-3956.	0.2	103
49	Melanin transfer in human skin cells is mediated by filopodiaâ€“a model for homotypic and heterotypic lysosomeâ€“related organelle transfer. <i>FASEB Journal</i> , 2010, 24, 3756-3769.	0.2	103
50	Dissecting the Impact of Chemotherapy on the Human Hair Follicle. <i>American Journal of Pathology</i> , 2007, 171, 1153-1167.	1.9	100
51	The Fate of Hair Follicle Melanocytes During the Hair Growth Cycle. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 1999, 4, 323-332.	0.8	99
52	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, 751-766.	1.3	99
53	Human hair pigmentation â€“ biological aspects. <i>International Journal of Cosmetic Science</i> , 2008, 30, 233-257.	1.2	97
54	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, 236-245.	0.3	96

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55	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.	0.9	94
56	Alopecia areata: an autoimmune disease?. <i>Experimental Dermatology</i> , 1999, 8, 371-379.	1.4	93
57	Suppression of Autophagy Dysregulates the Antioxidant Response and Causes Premature Senescence of Melanocytes. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1348-1357.	0.3	88
58	Ultrastructural Observations on the Hair Bulb Melanocytes and Melanosomes in Acute Alopecia Areata. <i>Journal of Investigative Dermatology</i> , 1990, 94, 803-807.	0.3	86
59	Simple and rapid method to isolate and culture follicular papillae from human scalp hair follicles. <i>Experimental Dermatology</i> , 2002, 11, 381-385.	1.4	84
60	Patterns of Proliferation and Apoptosis during Murine Hair Follicle Morphogenesis. <i>Journal of Investigative Dermatology</i> , 2001, 116, 947-955.	0.3	83
61	Comparison of Alopecia areata in Human and Nonhuman Mammalian Species. <i>Pathobiology</i> , 1998, 66, 90-107.	1.9	78
62	A Fully Functional Proopiomelanocortin/Melanocortin-1 Receptor System Regulates the Differentiation of Human Scalp Hair Follicle Melanocytes. <i>Endocrinology</i> , 2005, 146, 532-543.	1.4	77
63	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.	0.2	77
64	Regulated Proenkephalin Expression in Human Skin and Cultured Skin Cells. <i>Journal of Investigative Dermatology</i> , 2011, 131, 613-622.	0.3	76
65	The Peripheral Clock Regulates Human Pigmentation. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1053-1064.	0.3	76
66	Î²-Endorphin as a Regulator of Human Hair Follicle Melanocyte Biology. <i>Journal of Investigative Dermatology</i> , 2004, 123, 184-195.	0.3	74
67	Lysosomal, cytoskeletal, and metabolic alterations in cardiomyopathy of cathepsin L knockout mice. <i>FASEB Journal</i> , 2006, 20, 1266-1268.	0.2	74
68	Aging of the hair follicle pigmentation system. <i>International Journal of Trichology</i> , 2009, 1, 83.	0.1	72
69	Impaired turnover of autophagolysosomes in cathepsin L deficiency. <i>Biological Chemistry</i> , 2010, 391, 913-22.	1.2	72
70	Isolation and Long-Term Culture of Human Hair-Follicle Melanocytes. <i>Journal of Investigative Dermatology</i> , 1995, 104, 86-89.	0.3	70
71	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, 4123-4129.	4.1	69
72	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, 418-426.	1.4	66

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73	Autoantibodies to Hair Follicles in C3H/HeJ Mice With Alopecia Areata—Like Hair Loss. <i>Journal of Investigative Dermatology</i> , 1997, 109, 329-333.	0.3	64
74	Selective biodegradation in hair shafts derived from archaeological, forensic and experimental contexts. <i>British Journal of Dermatology</i> , 2007, 157, 450-457.	1.4	64
75	The biology of human hair greying. <i>Biological Reviews</i> , 2021, 96, 107-128.	4.7	64
76	Characterization of Hair Follicle Antigens Targeted by the Anti-Hair Follicle Immune Response. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2003, 8, 176-181.	0.8	63
77	DNA from keratinous tissue. Part I: Hair and nail. <i>Annals of Anatomy</i> , 2012, 194, 17-25.	1.0	61
78	Resistance of degraded hair shafts to contaminant DNA. <i>Forensic Science International</i> , 2006, 156, 208-212.	1.3	60
79	Modulation of the human hair follicle pigmentary unit by corticotropin-releasing hormone and urocortin peptides. <i>FASEB Journal</i> , 2006, 20, 882-895.	0.2	59
80	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, 1208-1215.	0.3	59
81	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.	0.3	59
82	Trichohyalin is a Potential Major Autoantigen in Human Alopecia Areata. <i>Journal of Proteome Research</i> , 2010, 9, 5153-5163.	1.8	58
83	Hair Follicle Structures Targeted by Antibodies in Patients With Alopecia Areata. <i>Archives of Dermatology</i> , 1997, 133, 57.	1.7	55
84	Tyrosine hydroxylase isoenzyme I is present in human melanosomes: a possible novel function in pigmentation. <i>Experimental Dermatology</i> , 2003, 12, 61-70.	1.4	55
85	A new 12-gene diagnostic biomarker signature of melanoma revealed by integrated microarray analysis. <i>PeerJ</i> , 2013, 1, e49.	0.9	54
86	Cell Degeneration in Alopecia Areata. <i>American Journal of Dermatopathology</i> , 1991, 13, 248-256.	0.3	52
87	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, 430-437.	0.3	52
88	Cell Type-specific Functions of the Lysosomal Protease Cathepsin L in the Heart. <i>Journal of Biological Chemistry</i> , 2007, 282, 37045-37052.	1.6	52
89	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, 80-86.	0.8	51
90	The Mitochondrial Electron Transport Chain Is Dispensable for Proliferation and Differentiation of Epidermal Progenitor Cells. <i>Stem Cells</i> , 2011, 29, 1459-1468.	1.4	51

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91	The biology of hair diversity. <i>International Journal of Cosmetic Science</i> , 2013, 35, 329-336.	1.2	48
92	Human Hair Follicle and Epidermal Melanocytes Exhibit Striking Differences in Their Aging Profile which Involves Catalase. <i>Journal of Investigative Dermatology</i> , 2011, 131, 979-982.	0.3	47
93	Hair follicle structures targeted by antibodies in patients with alopecia areata. <i>Archives of Dermatology</i> , 1997, 133, 57-61.	1.7	46
94	Hair melanocytes as neuro-endocrine sensorsâ€”Pigments for our imagination. <i>Molecular and Cellular Endocrinology</i> , 2005, 243, 1-11.	1.6	44
95	Differential response of human dermal fibroblast subpopulations to visible and nearâ€infrared light: Potential of photobiomodulation for addressing cutaneous conditions. <i>Lasers in Surgery and Medicine</i> , 2018, 50, 859-882.	1.1	43
96	Tattoo ink nanoparticles in skin tissue and fibroblasts. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 1183-1191.	1.5	41
97	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.	1.6	41
98	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.	4.1	41
99	Morphological analysis of hair follicles in alopecia areata. , 1997, 38, 443-451.		40
100	Changes in Different Melanocyte Populations During Hair Follicle Involution (Catagen). <i>Journal of Investigative Dermatology</i> , 2005, 125, 1259-1267.	0.3	39
101	Prostaglandinâ€ <sub>2</sub> is produced by adult human epidermal melanocytes in response to UVB in a melanogenesisâ€independent manner. <i>Pigment Cell and Melanoma Research</i> , 2010, 23, 394-403.	1.5	39
102	Mutant laboratory mice with abnormalities in pigmentation: annotated tables. <i>Journal of Dermatological Science</i> , 2002, 28, 1-33.	1.0	37
103	A possible role for Langerhans cells in the removal of melanin from early catagen hair follicles. <i>British Journal of Dermatology</i> , 1998, 138, 795-798.	1.4	36
104	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, 745-749.	1.4	36
105	EVALUATING HISTOLOGICAL METHODS FOR ASSESSING HAIR FIBRE DEGRADATION. <i>Archaeometry</i> , 2010, 52, 467-481.	0.6	35
106	Bone morphogenetic proteins differentially regulate pigmentation in human skin cells. <i>Journal of Cell Science</i> , 2012, 125, 4306-19.	1.2	35
107	Melanin fate in the human epidermis: a reassessment of how best to detect and analyse histologically. <i>Experimental Dermatology</i> , 2016, 25, 501-504.	1.4	35
108	Characterization of serotonin and <i>N</i>-acetylserotonin systems in the human epidermis and skin cells. <i>Journal of Pineal Research</i> , 2020, 68, e12626.	3.4	34

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109	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.	1.6	33
110	A natural canine homologue of alopecia areata in humans. <i>British Journal of Dermatology</i> , 2003, 149, 938-950.	1.4	32
111	Anti-isthmus autoimmunity in a novel feline acquired alopecia resembling pseudopelade of humans *. <i>Veterinary Dermatology</i> , 2000, 11, 261-270.	0.4	31
112	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, 635-642.	1.4	31
113	Neurotrophin-3 regulates mast cell functions in neonatal mouse skin. <i>Experimental Dermatology</i> , 2004, 13, 273-281.	1.4	29
114	Intermediate hair follicles: a new more clinically relevant model for hair growth investigations. <i>British Journal of Dermatology</i> , 2010, 163, 287-295.	1.4	29
115	Topobiology of Human Pigmentation: P-Cadherin Selectively Stimulates Hair Follicle Melanogenesis. <i>Journal of Investigative Dermatology</i> , 2013, 133, 1591-1600.	0.3	29
116	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.	1.5	29
117	Pterins in Human Hair Follicle Cells and in the Synchronized Murine Hair Cycle. <i>Journal of Investigative Dermatology</i> , 1998, 111, 545-550.	0.3	28
118	Equine alopecia areata autoantibodies target multiple hair follicle antigens and may alter hair growth. <i>Experimental Dermatology</i> , 1998, 7, 289-297.	1.4	28
119	Imbalance of Mitochondrial Respiratory Chain Complexes in the Epidermis Induces Severe Skin Inflammation. <i>Journal of Investigative Dermatology</i> , 2018, 138, 132-140.	0.3	28
120	Quantitative mapping of human hair greying and reversal in relation to life stress. <i>ELife</i> , 2021, 10, .	2.8	28
121	Histological correlates of post mortem mitochondrial DNA damage in degraded hair. <i>Forensic Science International</i> , 2006, 156, 201-207.	1.3	26
122	MSH Can Control the Essential Cofactor 6-Tetrahydrobiopterin in Melanogenesis. <i>Annals of the New York Academy of Sciences</i> , 1999, 885, 329-341.	1.8	25
123	Cadherin mediates ultraviolet radiation and calcium induced melanin transfer in human skin cells. <i>Experimental Dermatology</i> , 2017, 26, 1125-1133.	1.4	25
124	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, 301-309.	1.4	24
125	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.	1.4	24
126	Î²-Endorphin: The Forgotten Hair Follicle Melanotropin. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2005, 10, 212-216.	0.8	23



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127	The eicosanoid response to high dose UVR exposure of individuals prone and resistant to sunburn. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 371-380.	1.6	22
128	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.	0.3	22
129	Ultrastructural study of exclamation-mark hair shafts in alopecia areata. <i>Journal of Cutaneous Pathology</i> , 1990, 17, 348-354.	0.7	20
130	IFN $\gamma$ Stimulates MxA Production in Human Dermal Fibroblasts via a MAPK-Dependent STAT1-Independent Mechanism. <i>Journal of Investigative Dermatology</i> , 2015, 135, 2935-2943.	0.3	20
131	Yesterday's hair–human hair in archaeology. <i>Biologist</i> , 2001, 48, 213-7.	2.0	20
132	Premature termination of hair follicle morphogenesis and accelerated hair follicle cycling in <i>lasi</i> congenital atrichia ( <i>fzica</i> ) mice points to fuzzy as a key element of hair cycle control. <i>Experimental Dermatology</i> , 2005, 14, 561-570.	1.4	19
133	Matrix Metalloproteinase-9 Is Involved in the Regulation of Hair Canal Formation. <i>Journal of Investigative Dermatology</i> , 2011, 131, 257-260.	0.3	19
134	Diphencyprone immunotherapy alters anti-hair follicle antibody status in patients with alopecia areata. <i>European Journal of Dermatology</i> , 2002, 12, 327-34.	0.3	19
135	Age-Related Hair Pigment Loss. <i>Current Problems in Dermatology</i> , 2015, 47, 128-138.	0.8	18
136	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.	0.2	17
137	Melanin Distribution in Human Skin: Influence of Cytoskeletal, Polarity, and Centrosome-Related Machinery of Stratum basale Keratinocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3143.	1.8	17
138	Visible light and human skin pigmentation: The importance of skin phototype. <i>Experimental Dermatology</i> , 2021, 30, 1324-1331.	1.4	17
139	Does p53 regulate skin pigmentation by controlling proopiomelanocortin gene transcription?. <i>Pigment Cell &amp; Melanoma Research</i> , 2007, 20, 307-308.	4.0	16
140	Hair After Death. , 2010, , 249-261.		15
141	Biology of Hair Follicle Pigmentation. , 2008, , 51-74.		15
142	Hair Pigmentation: A Research Update. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2005, 10, 275-279.	0.8	14
143	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.	2.6	14
144	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.	1.6	14

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145	Ex Vivo Organ Culture of Human Hair Follicles: A Model Epithelial-Neuroectodermal-Mesenchymal Interaction System. <i>Methods in Molecular Biology</i> , 2011, 695, 213-227.	0.4	13
146	The effects of <i>Sclerophora angustifolia</i> and other natural plant extracts on melanogenesis and melanin transfer in human skin cells. <i>Experimental Dermatology</i> , 2013, 22, 67-69.	1.4	13
147	Circulating Melanoma-Derived Extracellular Vesicles: Impact on Melanoma Diagnosis, Progression Monitoring, and Treatment Response. <i>Pharmaceuticals</i> , 2020, 13, 475.	1.7	13
148	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.	2.0	13
149	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.	0.1	13
150	Morphological analysis of in vitro human hair growth. <i>Archives of Dermatological Research</i> , 1993, 285, 158-164.	1.1	12
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