Ralf Paus

List of Publications by Year
in descending order

599 papers	45,536 citations	1301 109 h-index	3650 180 g-index
613 all docs	613 docs citations	613 times ranked	24122 citing authors

#	Article	IF	Citations
1	Towards developing an organotypic model for the preclinical study and manipulation of human hair matrix-dermal papilla interactions. Archives of Dermatological Research, 2022, 314, 491-497.	1.9	4
2	Sensory Reinnervation of Human Skin by Human Neural Stem Cellâ€'Derived Peripheral Neurons ExÂVivo. Journal of Investigative Dermatology, 2022, 142, 257-261.e5.	0.7	7
3	The hair follicleâ€psoriasis axis: Shared regulatory mechanisms and therapeutic targets. Experimental Dermatology, 2022, 31, 266-279.	2.9	6
4	Peroxisome proliferator-activated receptor-Î³ signalling protects hair follicle stem cells from chemotherapy-induced apoptosis and epithelialâ€“mesenchymal transition. British Journal of Dermatology, 2022, 186, 129-141.	1.5	18
5	Effect of minoxidil formulations on human scalp skin xenotransplants on SCID mice: A novel preâ€clinical in vivo assay for androgenetic alopecia research. Experimental Dermatology, 2022, 31, 980-982.	2.9	3
6	Revisiting the role of melatonin in human melanocyte physiology: A skin context perspective. Journal of Pineal Research, 2022, 72, .	7.4	24
7	Mitochondrially Localized MPZL3 Functions as a Negative Regulator of Sebaceous Gland Size and Sebocyte Proliferation. Journal of Investigative Dermatology, 2022, 142, 2524-2527.e7.	0.7	2
8	Hydra and the hair follicle â€“ An unconventional comparative biology approach to exploring the human holobiont. BioEssays, 2022, 44, e2100233.	2.5	4
9	Frontiers in Lichen Planopilaris and Frontal Fibrosing Alopecia Research: Pathobiology Progress and Translational Horizons. JID Innovations, 2022, 2, 100113.	2.4	8
10	A novel personalized treatment approach for psoriasis: antiâ€vascular endothelial growth factorâ€A (VEGFâ€A) therapy. British Journal of Dermatology, 2022, 186, 782-791.	1.5	19
11	Targeting mitochondria in dermatological therapy: beyond oxidative damage and skin aging. Expert Opinion on Therapeutic Targets, 2022, 26, 233-259.	3.4	8
12	The impact of perceived stress on the hair follicle: Towards solving a psychoneuroendocrine and neuroimmunological puzzle. Frontiers in Neuroendocrinology, 2022, 66, 101008.	5.2	9
13	Human organ rejuvenation by VEGF-A: Lessons from the skin. Science Advances, 2022, 8, .	10.3	14
14	New effects of caffeine on corticotropinâ€releasing hormone (CRH)â€induced stress along the intrafollicular classical hypothalamicâ€“pituitaryâ€“adrenal (HPA) axis (CRHâ€R1/2, IP₃â€R, ACTH,) Tj ETQq0 0 0 rgBT /Ove inexÂvivohuman male androgenetic scalp hair follicles. British Journal of Dermatology, 2021, 184, 96-110.	1.5	17
15	Topical odorant application of the specific olfactory receptor OR2AT4 agonist, Sandalore Â® , improves telogen effluviumâ€associated parameters. Journal of Cosmetic Dermatology, 2021, 20, 784-791.	1.6	14
16	Thyroxine restores severely impaired cutaneous re-epithelialisation and angiogenesis in a novel preclinical assay for studying human skin wound healing under â€œpathologicalâ€•conditions ex vivo. Archives of Dermatological Research, 2021, 313, 181-192.	1.9	8
17	Exploring the human hair follicle microbiome*. British Journal of Dermatology, 2021, 184, 802-815.	1.5	58
18	Inhibition of Shh Signaling through MAPK Activation Controls Chemotherapy-Induced Alopecia. Journal of Investigative Dermatology, 2021, 141, 334-344.	0.7	14

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19	Translational Neuroendocrinology of Human Skin: Concepts and Perspectives. Trends in Molecular Medicine, 2021, 27, 60-74.	6.7	33
20	Investigating human eyelash hair follicle growth in situ and ex vivo : a pilot study. British Journal of Dermatology, 2021, 184, 553-555.	1.5	1
21	Mouse models of atopic dermatitis: a critical reappraisal. Experimental Dermatology, 2021, 30, 319-336.	2.9	30
22	Reâ€innervation of human skin by rat dorsal root ganglia permits to study interactions between sensory nerve fibres and native human dermal mast cells ex vivo. Experimental Dermatology, 2021, 30, 418-420.	2.9	3
23	A novel nondrug SFRP1 antagonist inhibits catagen development in human hair follicles ex vivo. British Journal of Dermatology, 2021, 184, 371-373.	1.5	8
24	The biology of human hair greying. Biological Reviews, 2021, 96, 107-128.	10.4	64
25	Shining a (blue) light on hair follicle chronobiology and photobiomodulation. Experimental Dermatology, 2021, 30, 189-192.	2.9	2
26	Human epithelial stem cell survival within their niche requires â€œtonicâ€•cannabinoid receptor 1â€•signallingâ€”Lessons from the hair follicle. Experimental Dermatology, 2021, 30, 479-493.	2.9	13
27	Compartmentalised metabolic programmes in human anagen hair follicles: New targets to modulate epithelial stem cell behaviour, keratinocyte proliferation and hair follicle immune status?. Experimental Dermatology, 2021, 30, 645-651.	2.9	6
28	Stress and Nasal Allergy: Corticotropin-Releasing Hormone Stimulates Mast Cell Degranulation and Proliferation in Human Nasal Mucosa. International Journal of Molecular Sciences, 2021, 22, 2773.	4.1	6
29	Telomere Dynamics and Telomerase in the Biology of Hair Follicles and their Stem Cells as a Model for Aging Research. Journal of Investigative Dermatology, 2021, 141, 1031-1040.	0.7	13
30	HAIR SCIENCE MINI-SERIES: Neuroendocrinology of the Human Hair Follicle Episode 3: A â€œHairyâ€• Excursion into the Hypothalamic-Pituitary-Thyroid Axis. International Society of Hair Restoration Surgery, 2021, 31, 93-100.	0.1	1
31	Beyond the NFAT Horizon: From Cyclosporine A-Induced Adverse Skin Effects to Novel Therapeutics. Trends in Pharmacological Sciences, 2021, 42, 316-328.	8.7	6
32	A Cell Membrane-Level Approach to Cicatricial Alopecia Management: Is Caveolin-1 a Viable Therapeutic Target in Frontal Fibrosing Alopecia?. Biomedicines, 2021, 9, 572.	3.2	5
33	Pathobiology questions raised by telogen effluvium and trichodynia in COVIDâ€19 patients. Experimental Dermatology, 2021, 30, 999-1000.	2.9	16
34	Evidence from a humanized mouse model of androgenetic alopecia that plateletâ€rich plasma stimulates hair regrowth, hair shaft diameter and vellusâ€toâ€terminal hair reconversion inÂvivo. British Journal of Dermatology, 2021, 185, 644-646.	1.5	4
35	The global regulatory logic of organ regeneration: circuitry lessons from skin and its appendages. Biological Reviews, 2021, 96, 2573-2583.	10.4	4
36	Quantitative mapping of human hair greying and reversal in relation to life stress. ELife, 2021, 10, .	6.0	28

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37	UDP-GlcNAc-1-Phosphotransferase Is a Clinically Important Regulator of Human and Mouse Hair Pigmentation. Journal of Investigative Dermatology, 2021, 141, 2957-2965.e5.	0.7	7
38	Data assimilation of synthetic data as a novel strategy for predicting disease progression in alopecia areata. Mathematical Medicine and Biology, 2021, 38, 314-332.	1.2	3
39	Dermal Adipose Tissue Secretes HGF to Promote Human Hair Growth and Pigmentation. Journal of Investigative Dermatology, 2021, 141, 1633-1645.e13.	0.7	35
40	The Polyamine Regulator AMD1 Upregulates Spermine Levels to Drive Epidermal Differentiation. Journal of Investigative Dermatology, 2021, 141, 2178-2188.e6.	0.7	3
41	Hair Follicle Chemosensation: TRPM5 Signaling Is Required for Anagen Maintenance. Journal of Investigative Dermatology, 2021, 141, 2300-2303.	0.7	6
42	Mitochondrially localized MPZL3 emerges as a signaling hub of mammalian physiology. BioEssays, 2021, 43, 2100126.	2.5	6
43	A folliculocentric perspective of dandruff pathogenesis: Could a troublesome condition be caused by changes to a natural secretory mechanism?. BioEssays, 2021, 43, e2100005.	2.5	3
44	Resident human dermal Î³ÎT-cells operate as stress-sentinels: Lessons from the hair follicle. Journal of Autoimmunity, 2021, 124, 102711.	6.5	22
45	Human hair follicles operate an internal Cori cycle and modulate their growth via glycogen phosphorylase. Scientific Reports, 2021, 11, 20761.	3.3	13
46	Adiponectin negatively regulates pigmentation, Wnt/Î²-catenin and HGF/c-Met signalling within human scalp hair follicles ex vivo. Archives of Dermatological Research, 2021, , 1.	1.9	2
47	Growth Hormone and the Human Hair Follicle. International Journal of Molecular Sciences, 2021, 22, 13205.	4.1	13
48	Apremilast and tofacitinib exert differential effects in the humanized mouse model of alopecia areata. British Journal of Dermatology, 2020, 182, 227-229.	1.5	5
49	Deciphering the molecular morphology of the human hair cycle: Wnt signalling during the telogenâ€“anagen transformation. British Journal of Dermatology, 2020, 182, 1184-1193.	1.5	53
50	The Phytocannabinoid (â€“)-Cannabidiol Operates as aÂComplex, Differential Modulator of Human Hair Growth: Anti-Inflammatory Submicromolar versus Hair Growth Inhibitory Micromolar Effects. Journal of Investigative Dermatology, 2020, 140, 484-488.e5.	0.7	18
51	An osteopontinâ€derived peptide inhibits human hair growth at least in part by decreasing fibroblast growth factorâ€7 production in outer root sheath keratinocytes. British Journal of Dermatology, 2020, 182, 1404-1414.	1.5	12
52	Theophylline exerts complex antiâ€ageing and antiâ€cytotoxicity effects in human skin ex vivo. International Journal of Cosmetic Science, 2020, 42, 79-88.	2.6	15
53	Schwann cells as underestimated, major players in human skin physiology and pathology. Experimental Dermatology, 2020, 29, 93-101.	2.9	19
54	Adenosine Promotes Human Hair Growth and Inhibits Catagen Transition InÂVitro: Role of the Outer Root Sheath Keratinocytes. Journal of Investigative Dermatology, 2020, 140, 1085-1088.e6.	0.7	3

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55	PPARâ€Î³ signalling as a key mediator of human hair follicle physiology and pathology. Experimental Dermatology, 2020, 29, 312-321.	2.9	26
56	Preclinical evidence that the <scp>PPAR</scp>Î³ modulator, Nâ€Acetylâ€<scp>GED</scp>â€0507â€34â€Levo, may protect human hair follicle epithelial stem cells against lichen planopilarisâ€associated damage. Journal of the European Academy of Dermatology and Venereology, 2020, 34, e195-e197.	2.4	12
57	Fluoxetine promotes human hair follicle pigmentation exÂvivo : serotonin reuptake inhibition as a new antigreying strategy?. British Journal of Dermatology, 2020, 182, 1492-1494.	1.5	12
58	Profiling the human hair follicle immune system in lichen planopilaris and frontal fibrosing alopecia: can macrophage polarization differentiate these two conditions microscopically?. British Journal of Dermatology, 2020, 183, 537-547.	1.5	22
59	Does dysfunctional autophagy contribute to immune privilege collapse and alopecia areata pathogenesis?. Journal of Dermatological Science, 2020, 100, 75-78.	1.9	9
60	The Hair Follicle as an Interdisciplinary Model for Biomedical Research: An Eclectic Literature Synthesis. BioEssays, 2020, 42, 2000053.	2.5	4
61	Clues that mitochondria are involved in the hair cycle clock: MPZL3 regulates entry into and progression of murine hair follicle cycling. Experimental Dermatology, 2020, 29, 1243-1249.	2.9	12
62	Pro-inflammatory VÎ´1+T-cells infiltrates are present in and around the hair bulbs of non-lesional and lesional alopecia areata hair follicles. Journal of Dermatological Science, 2020, 100, 129-138.	1.9	23
63	Mouse Models of Alopecia Areata: C3H/HeJ Mice Versus the Humanized AA Mouse Model. Journal of Investigative Dermatology Symposium Proceedings, 2020, 20, S11-S15.	0.8	5
64	What causes hidradenitis suppurativa ?â€”15 years after. Experimental Dermatology, 2020, 29, 1154-1170.	2.9	90
65	Vascular endothelial growth factorâ€A as a promising therapeutic target for the management of psoriasis. Experimental Dermatology, 2020, 29, 687-698.	2.9	23
66	Hair follicle immune privilege and its collapse in alopecia areata. Experimental Dermatology, 2020, 29, 703-725.	2.9	120
67	Topical Lâ€thyroxine: The Cinderella among hormones waiting to dance on the floor of dermatological therapy?. Experimental Dermatology, 2020, 29, 910-923.	2.9	11
68	Towards a renaissance of dermatoendocrinology: Selected current frontiers. Experimental Dermatology, 2020, 29, 786-789.	2.9	2
69	The Evolving Pathogenesis of Alopecia Areata: Major Open Questions. Journal of Investigative Dermatology Symposium Proceedings, 2020, 20, S6-S10.	0.8	10
70	Mitochondrial energy metabolism is negatively regulated by cannabinoid receptor 1 in intact human epidermis. Experimental Dermatology, 2020, 29, 616-622.	2.9	12
71	Does mitochondrial dysfunction of hair follicle epithelial stem cells play a role in the pathobiology of lichen planopilaris?. British Journal of Dermatology, 2020, 183, 964-966.	1.5	5
72	Hair(y) Matters in Melanoma Biology. Trends in Molecular Medicine, 2020, 26, 441-449.	6.7	7

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73	Vascular Endothelial Growth Factor Blockade Induces Dermal Endothelial Cell Apoptosis in a Clinically Relevant Skin Organ Culture Model. Skin Pharmacology and Physiology, 2020, 33, 170-177.	2.5	9
74	Nonâ€neuronal kappaâ€opioid receptor activation enhances epidermal keratinocyte proliferation, and modulates mast cell functions in human skin ex vivo. Journal of Dermatology, 2020, 47, 917-921.	1.2	14
75	Frontal fibrosing alopecia shows robust T helper 1 and Janus kinase 3 skewing. British Journal of Dermatology, 2020, 183, 1083-1093.	1.5	40
76	Tissue-resident macrophages can be generated de novo in adult human skin from resident progenitor cells during substance P-mediated neurogenic inflammation ex vivo. PLoS ONE, 2020, 15, e0227817.	2.5	15
77	Toward Predicting the Spatio-Temporal Dynamics of Alopecia Areata Lesions Using Partial Differential Equation Analysis. Bulletin of Mathematical Biology, 2020, 82, 34.	1.9	11
78	Neuroendocrinology and neurobiology of sebaceous glands. Biological Reviews, 2020, 95, 592-624.	10.4	48
79	Do hair follicles operate as primitive, multifocal kidneyâ€like excretory (miniâ€) organs?. Experimental Dermatology, 2020, 29, 357-365.	2.9	9
80	HAIR SCIENCE MINI-SERIES: Neuroendocrinology of the Human Hair Follicle Episode 2: Scalp Hair Follicles and the Hypothalamic-Pituitary-Adrenal Axis. International Society of Hair Restoration Surgery, 2020, 30, 222-227.	0.1	1
81	Hair Science Mini-Series. International Society of Hair Restoration Surgery, 2020, 30, 184-190.	0.1	0
82	Title is missing!. , 2020, 15, e0227817.		0
83	Title is missing!. , 2020, 15, e0227817.		0
84	Title is missing!. , 2020, 15, e0227817.		0
85	Title is missing!. , 2020, 15, e0227817.		0
86	Healthy Hair (Anatomy, Biology, Morphogenesis, Cycling, and Function). , 2019, , 1-22.		0
87	Seborrheic dermatitisâ€"Looking beyond Malassezia. Experimental Dermatology, 2019, 28, 991-1001.	2.9	70
88	Human Perifollicular Macrophages Undergo Apoptosis, Express Wnt Ligands, and Switch their Polarization during Catagen. Journal of Investigative Dermatology, 2019, 139, 2543-2546.e9.	0.7	28
89	Frontiers in alopecia areata pathobiology research. Journal of Allergy and Clinical Immunology, 2019, 144, 1478-1489.	2.9	52
90	Y-27632 preserves epidermal integrity in a human skin organ-culture (hSOC) system by regulating AKT and ERK signaling pathways. Journal of Dermatological Science, 2019, 96, 99-109.	1.9	8

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91	CDK4/6 inhibition mitigates stem cell damage in a novel model for taxaneâ€induced alopecia. EMBO Molecular Medicine, 2019, 11, e11031.	6.9	45
92	516 Possible role of ILC1 in the pathogenesis of alopecia areata (AA). Journal of Investigative Dermatology, 2019, 139, S88.	0.7	3
93	Mineralocorticoid Receptor Antagonists Stimulate Human Hair Growth ex vivo. Skin Pharmacology and Physiology, 2019, 32, 344-348.	2.5	2
94	JAK inhibitors and alopecia areata. Lancet, The, 2019, 393, 318-319.	13.7	56
95	Fibrosis and stem cell epithelial-mesenchymal transition in primary cicatricial alopecias. Journal of the American Academy of Dermatology, 2019, 80, e165-e166.	1.2	8
96	Inhibition of ATP binding cassette transporter B1 sensitizes human hair follicles to chemotherapy-induced damage. Journal of Dermatological Science, 2019, 95, 44-47.	1.9	2
97	Homeostasis of the sebaceous gland and mechanisms of acne pathogenesis. British Journal of Dermatology, 2019, 181, 677-690.	1.5	90
98	Image Gallery: Optical coherence tomography for intravital human hair follicle analyses exÂvivo. British Journal of Dermatology, 2019, 180, e141.	1.5	1
99	Itching for an answer: A review of potential mechanisms of scalp itch in psoriasis. Experimental Dermatology, 2019, 28, 1397-1404.	2.9	18
100	Assessment of Quality of Life and Treatment Outcomes of Patients With Persistent Postchemotherapy Alopecia. JAMA Dermatology, 2019, 155, 724.	4.1	46
101	Hair disorders in patients with cancer. Journal of the American Academy of Dermatology, 2019, 80, 1179-1196.	1.2	60
102	Hair growth control by innate immunocytes: Perifollicular macrophages revisited. Experimental Dermatology, 2019, 28, 425-431.	2.9	25
103	Thyroxine (T4) may promote re-epithelialisation and angiogenesis in wounded human skin ex vivo. PLoS ONE, 2019, 14, e0212659.	2.5	15
104	Growth Hormone Operates as a Neuroendocrine Regulator of Human Hair Growth ExÂVivo. Journal of Investigative Dermatology, 2019, 139, 1593-1596.	0.7	8
105	Nestin+ progenitor cells isolated from adult human sweat gland stroma promote reepithelialisation and mayÂstimulate angiogenesis in wounded human skin ex vivo. Archives of Dermatological Research, 2019, 311, 325-330.	1.9	10
106	Do human dermal adipocytes switch from lipogenesis in anagen to lipophagy and lipolysis during catagen in the human hair cycle?. Experimental Dermatology, 2019, 28, 432-435.	2.9	26
107	TRPV4 Is Expressed in Human Hair Follicles and Inhibits Hair Growth InÂVitro. Journal of Investigative Dermatology, 2019, 139, 1385-1388.	0.7	20
108	Transepidermal <scp>UV</scp> radiation of scalp skin exÂvivo induces hair follicle damage that is alleviated by the topical treatment with caffeine. International Journal of Cosmetic Science, 2019, 41, 164-182.	2.6	32

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109	Distinct Patterns of Hair Graft Survival After Transplantation Into 2 Nonhealing Ulcers: Is Location Everything?. Dermatologic Surgery, 2019, 45, 557-565.	0.8	11
110	Getting ready for the next decade of Experimental Dermatology. Experimental Dermatology, 2019, 28, 1199-1200.	2.9	0
111	Protection of glucotoxicity by a tripeptide derivative of Î±â€melanocyteâ€stimulating hormone in human epidermal keratinocytes. British Journal of Dermatology, 2019, 180, 836-848.	1.5	12
112	Fluorescent cell tracer dye permits realâ€time assessment of reâ€epithelialization in a serumâ€free ex vivo human skin wound assay. Wound Repair and Regeneration, 2019, 27, 126-133.	3.0	9
113	How chemotherapy and radiotherapy damage the tissue: Comparative biology lessons from feather and hair models. Experimental Dermatology, 2019, 28, 413-418.	2.9	47
114	Hair disorders in cancer survivors. Journal of the American Academy of Dermatology, 2019, 80, 1199-1213.	1.2	62
115	Eccrine sweat glands associate with the human hair follicle within a defined compartment of dermal white adipose tissue. British Journal of Dermatology, 2018, 178, 1163-1172.	1.5	37
116	Innate lymphoid cells 3 induce psoriasis in xenotransplanted healthy human skin. Journal of Allergy and Clinical Immunology, 2018, 142, 305-308.e6.	2.9	29
117	Peroxisome Proliferatorâ€“Activated Receptor-Î³â^'Mediated Signaling Regulates Mitochondrial Energy Metabolism in Human Hair Follicle Epithelium. Journal of Investigative Dermatology, 2018, 138, 1656-1659.	0.7	13
118	A guide to studying human dermal adipocytes in situ. Experimental Dermatology, 2018, 27, 589-602.	2.9	20
119	Prolactin as a candidate sebotrop(h)ic hormone?. Experimental Dermatology, 2018, 27, 729-736.	2.9	17
120	How UV Light Touches the Brain and Endocrine System Through Skin, and Why. Endocrinology, 2018, 159, 1992-2007.	2.8	303
121	Lichen Planopilaris and Frontal Fibrosing Alopecia as Model Epithelial Stem Cell Diseases. Trends in Molecular Medicine, 2018, 24, 435-448.	6.7	89
122	An efficient method for eccrine gland isolation from human scalp. Experimental Dermatology, 2018, 27, 678-681.	2.9	5
123	A technique for more precise distinction between catagen and telogen human hair follicles exÂvivo. Journal of the American Academy of Dermatology, 2018, 79, 558-559.	1.2	9
124	Melatonin: A Cutaneous Perspective on its Production, Metabolism, and Functions. Journal of Investigative Dermatology, 2018, 138, 490-499.	0.7	217
125	Hair Follicle Immune Privilege Revisited: The Key to Alopecia Areata Management. Journal of Investigative Dermatology Symposium Proceedings, 2018, 19, S12-S17.	0.8	97
126	Epithelial-to-Mesenchymal Stem Cell Transition in a Human Organ: Lessons from Lichen Planopilaris. Journal of Investigative Dermatology, 2018, 138, 511-519.	0.7	58

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127	Topically Applied Nicotinamide Inhibits Human Hair Follicle Growth ExÂVivo. Journal of Investigative Dermatology, 2018, 138, 1420-1422.	0.7	14
128	iNKT cells ameliorate human autoimmunity: Lessons from alopecia areata. Journal of Autoimmunity, 2018, 91, 61-72.	6.5	26
129	Dermal white adipose tissue undergoes major morphological changes during the spontaneous and induced murine hair follicle cycling: a reappraisal. Archives of Dermatological Research, 2018, 310, 453-462.	1.9	21
130	Delayed Hair Follicle Morphogenesis and Hair Follicle Dystrophy in a Lipoatrophy Mouse Model of Pparg Total Deletion. Journal of Investigative Dermatology, 2018, 138, 500-510.	0.7	63
131	NF-Î°B Participates in Mouse Hair Cycle Control and Plays Distinct Roles in the Various Pelage Hair Follicle Types. Journal of Investigative Dermatology, 2018, 138, 256-264.	0.7	23
132	Mechanisms of epithelial thickening due to IL-1 signalling blockade and TNF-Î± administration differ during wound repair and regeneration. Differentiation, 2018, 99, 10-20.	1.9	14
133	Retinoic acid co-treatment aggravates severity of dioxin-induced skin lesions in hairless mice via induction of inflammatory response. Biochemical and Biophysical Research Communications, 2018, 506, 854-861.	2.1	9
134	The renaissance of human skin organ culture: A critical reappraisal. Differentiation, 2018, 104, 22-35.	1.9	29
135	Neuroendocrine Controls of Keratin Expression in Human Skin. , 2018, , .		0
136	Is prolactin a negative neuroendocrine regulator of human skin re-epithelisation after wounding?. Archives of Dermatological Research, 2018, 310, 833-841.	1.9	6
137	Bi-allelic Mutations in LSS, Encoding Lanosterol Synthase, Cause Autosomal-Recessive Hypotrichosis Simplex. American Journal of Human Genetics, 2018, 103, 777-785.	6.2	55
138	Transcriptional Programming of Normal and Inflamed Human Epidermis at Single-Cell Resolution. Cell Reports, 2018, 25, 871-883.	6.4	206
139	Olfactory receptor OR2AT4 regulates human hair growth. Nature Communications, 2018, 9, 3624.	12.8	89
140	Analysing the dynamics of a model for alopecia areata as an autoimmune disorder of hair follicle cycling. Mathematical Medicine and Biology, 2018, 35, 387-407.	1.2	7
141	Visualization of global RNA synthesis in a human (mini-) organ in situ by click chemistry. BioTechniques, 2018, 65, 97-100.	1.8	7
142	Nuclear factor (erythroid-derived 2)-like-2 pathway modulates substance Pâ€“induced human mast cell activation and degranulation in the hair follicle. Journal of Allergy and Clinical Immunology, 2018, 142, 1331-1333.e8.	2.9	14
143	Image Gallery: Intravital visualization of the dynamic changes in human hair follicle cycling. British Journal of Dermatology, 2018, 178, e396-e396.	1.5	4
144	Cover Image: Neuroendocrine treatment of inherited keratin disorders by cannabinoids?. British Journal of Dermatology, 2018, 178, 1469-1469.	1.5	16

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145	Autophagy is essential for maintaining the growth of a human (mini-)organ: Evidence from scalp hair follicle organ culture. PLoS Biology, 2018, 16, e2002864.	5.6	44
146	Identifying novel strategies for treating human hair loss disorders: Cyclosporine A suppresses the Wnt inhibitor, SFRP1, in the dermal papilla of human scalp hair follicles. PLoS Biology, 2018, 16, e2003705.	5.6	68
147	Re-investigating the Basement Membrane Zone of Psoriatic Epidermal Lesions: Is Laminin-511 a New Player in Psoriasis Pathogenesis?. Journal of Histochemistry and Cytochemistry, 2018, 66, 847-862.	2.5	11
148	Two olfactory receptorsâ€"<scp>OR</scp>2A4/7 and <scp>OR</scp>51B5â€"differentially affect epidermal proliferation and differentiation. Experimental Dermatology, 2017, 26, 58-65.	2.9	67
149	Meta-analysis identifies novel risk loci and yields systematic insights into the biology of male-pattern baldness. Nature Communications, 2017, 8, 14694.	12.8	58
150	Cover Image: Are melanocyte-associated peptides the elusive autoantigens in alopecia areata?. British Journal of Dermatology, 2017, 176, 1106-1106.	1.5	9
151	E-Cadherinâ€"Mediated Cell Contact Controls the Epidermal Damage Response in Radiation Dermatitis. Journal of Investigative Dermatology, 2017, 137, 1731-1739.	0.7	20
152	Regulatory T Cells in Skin Facilitate Epithelial Stem Cell Differentiation. Cell, 2017, 169, 1119-1129.e11.	28.9	477
153	Wound healing protects against chemotherapy-induced alopecia in young rats via up-regulating interleukin-1Î²-mediated signaling. Heliyon, 2017, 3, e00309.	3.2	3
154	Characterisation of cell cycle arrest and terminal differentiation in a maximally proliferative human epithelial tissue: Lessons from the human hair follicle matrix. European Journal of Cell Biology, 2017, 96, 632-641.	3.6	31
155	Oxidative stress management in the hair follicle: Could targeting NRF2 counter ageâ€related hair disorders and beyond?. BioEssays, 2017, 39, 1700029.	2.5	33
156	Divergent proliferation patterns of distinct human hair follicle epithelial progenitor niches in situ and their differential responsiveness to prostaglandin D2. Scientific Reports, 2017, 7, 15197.	3.3	23
157	T-cell â€œinduced-selfâ€•MHC class I/peptide complexes may enable â€œde novoâ€•tolerance induction to neo-antigens occurring outside of the thymus. Experimental Dermatology, 2017, 26, 529-531.	2.9	8
158	Enhanced Neurogenic Biomarker Expression and Reinnervation in HumanÂAcute Skin Wounds Treated by Electrical Stimulation. Journal of Investigative Dermatology, 2017, 137, 737-747.	0.7	22
159	Oxidative Damage Control in a Human (Mini-) Organ: Nrf2 Activation Protects against Oxidative Stress-Induced Hair Growth Inhibition. Journal of Investigative Dermatology, 2017, 137, 295-304.	0.7	62
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