

# Erwin Tschachler

## List of Publications by Year in descending order

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233  
papers

13,162  
citations

23567

58  
h-index

28297

105  
g-index

242  
all docs

242  
docs citations

242  
times ranked

16656  
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiosarcomas Express Mixed Endothelial Phenotypes of Blood and Lymphatic Capillaries. American Journal of Pathology, 1999, 154, 385-394.	3.8	984
2	Psoriasis-like skin disease and arthritis caused by inducible epidermal deletion of Jun proteins. Nature, 2005, 437, 369-375.	27.8	538
3	Epidermal Langerhans Cells-A Target for HTLV-III/LAV Infection. Journal of Investigative Dermatology, 1987, 88, 233-237.	0.7	407
4	Caspase-14: Analysis of Gene Structure and mRNA Expression during Keratinocyte Differentiation. Biochemical and Biophysical Research Communications, 2000, 277, 655-659.	2.1	393
5	Cell death by cornification. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 3471-3480.	4.1	358
6	miRâ€17, miRâ€19b, miRâ€20a, and miRâ€106a are downâ€regulated in human aging. Aging Cell, 2010, 9, 291-296.	2.7	338
7	Human caspase 12 has acquired deleterious mutations. Biochemical and Biophysical Research Communications, 2002, 293, 722-726.	2.1	320
8	Activator protein 1 (Fos/Jun) functions in inflammatory bone and skin disease. Arthritis Research and Therapy, 2007, 10, 201.	3.5	265
9	Knockdown of Filaggrin Impairs Diffusion Barrier Function and Increases UV Sensitivity in a Human Skin Model. Journal of Investigative Dermatology, 2010, 130, 2286-2294.	0.7	236
10	Expression of Thy-1 Antigen by Murine Epidermal Cells. Journal of Investigative Dermatology, 1983, 81, 282-285.	0.7	231
11	Filaggrin Genotype in Ichthyosis Vulgaris Predicts Abnormalities in Epidermal Structure and Function. American Journal of Pathology, 2011, 178, 2252-2263.	3.8	213
12	Psoriasis: what we have learned from mouse models. Nature Reviews Rheumatology, 2010, 6, 704-714.	8.0	190
13	European Guideline on Chronic Pruritus. Acta Dermato-Venereologica, 2012, 92, 563-581.	1.3	187
14	Terminal Differentiation of Human Keratinocytes and Stratum Corneum Formation is Associated with Caspase-14 Activation. Journal of Investigative Dermatology, 2000, 115, 1148-1151.	0.7	186
15	Melanin Binds Reversibly to Thermostable DNA Polymerase and Inhibits Its Activity. Biochemical and Biophysical Research Communications, 2000, 271, 726-730.	2.1	163
16	Relative Contribution of Intrinsic vs Extrinsic Factors to Skin Aging as Determined by a Validated Skin Age Score. Archives of Dermatology, 2002, 138, 1454-60.	1.4	147
17	Kaposi's Sarcoma-Like Tumors in a Human Herpesvirus 8 ORF74 Transgenic Mouse. Journal of Virology, 2003, 77, 2631-2639.	3.4	141
18	HIV-related skin diseases. Lancet, The, 1996, 348, 659-663.	13.7	140

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19	Guanylate-Binding Protein-1 Expression Is Selectively Induced by Inflammatory Cytokines and Is an Activation Marker of Endothelial Cells during Inflammatory Diseases. <i>American Journal of Pathology</i> , 2002, 161, 1749-1759.	3.8	129
20	Acute Modulations in Permeability Barrier Function Regulate Epidermal Cornification. <i>American Journal of Pathology</i> , 2008, 172, 86-97.	3.8	124
21	Analysis of Circadian and Ultradian Rhythms of Skin Surface Properties of Face and Forearm of Healthy Women. <i>Journal of Investigative Dermatology</i> , 2001, 117, 718-724.	0.7	123
22	Targeting <i>miR-21</i> to Treat Psoriasis. <i>Science Translational Medicine</i> , 2014, 6, 225re1.	12.4	123
23	Autophagy Is Induced by UVA and Promotes Removal of Oxidized Phospholipids and Protein Aggregates in Epidermal Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2013, 133, 1629-1637.	0.7	116
24	Human Keratinocytes Express the Three Major Splice Forms of Vascular Endothelial Growth Factor. <i>Journal of Investigative Dermatology</i> , 1995, 104, 7-10.	0.7	112
25	Loss of Vascular Endothelial Growth Factor A Activity in Murine Epidermal Keratinocytes Delays Wound Healing and Inhibits Tumor Formation. <i>Cancer Research</i> , 2004, 64, 3508-3516.	0.9	112
26	Retinoic Acid Increases the Expression of p53 and Proapoptotic Caspases and Sensitizes Keratinocytes to Apoptosis. <i>Cancer Research</i> , 2004, 64, 6542-6548.	0.9	111
27	Primary sources and immunological prerequisites for sST2 secretion in humans. <i>Cardiovascular Research</i> , 2010, 87, 769-777.	3.8	111
28	Fos and Jun Proteins Are Specifically Expressed During Differentiation of Human Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2005, 124, 212-220.	0.7	109
29	Evolutionary Origin and Diversification of Epidermal Barrier Proteins in Amniotes. <i>Molecular Biology and Evolution</i> , 2014, 31, 3194-3205.	8.9	109
30	Increased Sensitivity of Histidinemic Mice to UVB Radiation Suggests a Crucial Role of Endogenous Urocanic Acid in Photoprotection. <i>Journal of Investigative Dermatology</i> , 2011, 131, 188-194.	0.7	108
31	Characterization of a Chemokine Receptor-Related Gene in Human Herpesvirus 8 and Its Expression in Kaposi's Sarcoma. <i>Virology</i> , 1997, 228, 371-378.	2.4	106
32	Identification of reptilian genes encoding hair keratin-like proteins suggests a new scenario for the evolutionary origin of hair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18419-18423.	7.1	104
33	Caspase-14 Expression by Epidermal Keratinocytes is Regulated by Retinoids in a Differentiation-associated Manner. <i>Journal of Investigative Dermatology</i> , 2002, 119, 1150-1155.	0.7	102
34	Deciphering the functional heterogeneity of skin fibroblasts using single-cell RNA sequencing. <i>FASEB Journal</i> , 2020, 34, 3677-3692.	0.5	102
35	High levels of <i>p21</i> contribute to the senescence-induced growth arrest in normal human cells and its knockdown increases the replicative lifespan. <i>Aging Cell</i> , 2013, 12, 446-458.	6.7	99
36	Identification of Novel Mammalian Caspases Reveals an Important Role of Gene Loss in Shaping the Human Caspase Repertoire. <i>Molecular Biology and Evolution</i> , 2008, 25, 831-841.	8.9	95

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37	Epidermal Vascular Endothelial Growth Factor Production Is Required for Permeability Barrier Homeostasis, Dermal Angiogenesis, and the Development of Epidermal Hyperplasia. <i>American Journal of Pathology</i> , 2008, 173, 689-699.	3.8	90
38	Characterization of an HIV-1 point mutant blocked in envelope glycoprotein cleavage. <i>Virology</i> , 1990, 174, 217-224.	2.4	88
39	Suppression of Autophagy Dysregulates the Antioxidant Response and Causes Premature Senescence of Melanocytes. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1348-1357.	0.7	88
40	Secretome of apoptotic peripheral blood cells (APOSEC) confers cytoprotection to cardiomyocytes and inhibits tissue remodelling after acute myocardial infarction: a preclinical study. <i>Basic Research in Cardiology</i> , 2011, 106, 1283-1297.	5.9	85
41	Activation of Nrf2 in keratinocytes causes chloracne (MADISH)-like skin disease in mice. <i>EMBO Molecular Medicine</i> , 2014, 6, 442-457.	6.9	81
42	Cell aging and cellular senescence in skin aging – Recent advances in fibroblast and keratinocyte biology. <i>Experimental Gerontology</i> , 2020, 130, 110780.	2.8	81
43	Epidermal cornification is preceded by the expression of a keratinocyte-specific set of pyroptosis-related genes. <i>Scientific Reports</i> , 2017, 7, 17446.	3.3	78
44	Gene silencing in a human organotypic skin model. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 76-82.	2.1	76
45	Autophagy deficient keratinocytes display increased DNA damage, senescence and aberrant lipid composition after oxidative stress in vitro and in vivo. <i>Redox Biology</i> , 2017, 11, 219-230.	9.0	76
46	Flagellin is the principal inducer of the antimicrobial peptide S100A7c (psoriasin) in human epidermal keratinocytes exposed to <i>Escherichia coli</i> . <i>FASEB Journal</i> , 2008, 22, 2168-2176.	0.5	72
47	NF- $\kappa$ B-related factor 2 regulates the stress response to UVA-oxidized phospholipids in skin cells. <i>FASEB Journal</i> , 2010, 24, 39-48.	0.5	71
48	A simplified procedure for semi-targeted lipidomic analysis of oxidized phosphatidylcholines induced by UVA irradiation. <i>Journal of Lipid Research</i> , 2012, 53, 1232-1242.	4.2	71
49	Human Keratinocytes Express Cellular Prion-Related Protein in Vitro and during Inflammatory Skin Diseases. <i>American Journal of Pathology</i> , 1998, 153, 1353-1358.	3.8	70
50	Biological false-positive tests comprise a high proportion of Venereal Disease Research Laboratory reactions in an analysis of 300,000 sera. <i>International Journal of STD and AIDS</i> , 2005, 16, 722-726.	1.1	70
51	The Antimicrobial Heterodimer S100A8/S100A9 (Calprotectin) Is Upregulated by Bacterial Flagellin in Human Epidermal Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2010, 130, 2423-2430.	0.7	67
52	Holocrine Secretion of Sebum Is a Unique DNase2-Dependent Mode of Programmed Cell Death. <i>Journal of Investigative Dermatology</i> , 2017, 137, 587-594.	0.7	67
53	Lymphatic Precollectors Contain a Novel, Specialized Subpopulation of Podoplaninlow, CCL27-Expressing Lymphatic Endothelial Cells. <i>American Journal of Pathology</i> , 2008, 173, 1202-1209.	3.8	66
54	DNase1L2 Degrades Nuclear DNA during Corneocyte Formation. <i>Journal of Investigative Dermatology</i> , 2007, 127, 24-30.	0.7	65

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55	The Winter Season Affects More Severely the Facial Skin than the Forearm Skin: Comparative Biophysical Studies Conducted in the Same Japanese Females in Later Summer and Winter. <i>Exogenous Dermatology</i> , 2002, 1, 32-38.	0.5	62
56	Trichohyalin-Like Proteins Have Evolutionarily Conserved Roles in the Morphogenesis of Skin Appendages. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2685-2692.	0.7	62
57	Secretome of Peripheral Blood Mononuclear Cells Enhances Wound Healing. <i>PLoS ONE</i> , 2013, 8, e60103.	2.5	61
58	Extracellular Vesicles in Human Skin: Cross-Talk from Senescent Fibroblasts to Keratinocytes by miRNAs. <i>Journal of Investigative Dermatology</i> , 2019, 139, 2425-2436.e5.	0.7	61
59	Functional MC1R-Gene Variants Are Associated with Increased Risk for Severe Photoaging of Facial Skin. <i>Journal of Investigative Dermatology</i> , 2010, 130, 1107-1115.	0.7	60
60	Convergent evolution of cysteine-rich proteins in feathers and hair. <i>BMC Evolutionary Biology</i> , 2015, 15, 82.	3.2	60
61	UVA and UVB Radiation Differentially Regulate Vascular Endothelial Growth Factor Expression in Keratinocyte-derived Cell Lines and in Human Keratinocytes. <i>Photochemistry and Photobiology</i> , 1999, 70, 674-679.	2.5	59
62	Inactivation of VEGF in mammary gland epithelium severely compromises mammary gland development and function. <i>FASEB Journal</i> , 2007, 21, 3994-4004.	0.5	59
63	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.	0.7	59
64	Epidermal keratinocytes form a functional skin barrier in the absence of Atg7 dependent autophagy. <i>Journal of Dermatological Science</i> , 2013, 71, 67-75.	1.9	59
65	The touch dome in human skin is supplied by different types of nerve fibers. <i>Annals of Neurology</i> , 2005, 58, 88-95.	5.3	57
66	Papain Degrades Tight Junction Proteins of Human Keratinocytes In Vitro and Sensitizes C57BL/6 Mice via the Skin Independent of its Enzymatic Activity or TLR4 Activation. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1790-1800.	0.7	57
67	Sheet Preparations Expose the Dermal Nerve Plexus of Human Skin and Render the Dermal Nerve End Organ Accessible to Extensive Analysis. <i>Journal of Investigative Dermatology</i> , 2004, 122, 177-182.	0.7	56
68	Is the Filaggrin-Histidine-Urocanic Acid Pathway Essential for Stratum Corneum Acidification?. <i>Journal of Investigative Dermatology</i> , 2010, 130, 2141-2144.	0.7	56
69	Dual Role of the Antioxidant Enzyme Peroxiredoxin 6 in Skin Carcinogenesis. <i>Cancer Research</i> , 2013, 73, 3460-3469.	0.9	56
70	Psoriasis: the epidermal component. <i>Clinics in Dermatology</i> , 2007, 25, 589-595.	1.6	55
71	Retinoids Downregulate Vascular Endothelial Growth Factor/Vascular Permeability Factor Production by Normal Human Keratinocytes. <i>Journal of Investigative Dermatology</i> , 1998, 111, 907-911.	0.7	53
72	Evidence That Caspase-13 Is Not a Human but a Bovine Gene. <i>Biochemical and Biophysical Research Communications</i> , 2001, 285, 1150-1154.	2.1	52

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73	Photooxidation Generates Biologically Active Phospholipids That Induce Heme Oxygenase-1 in Skin Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 16934-16941.	3.4	52
74	Hepatocyte Growth Factor Establishes Autocrine and Paracrine Feedback Loops for the Protection of Skin Cells after UV Irradiation. <i>Journal of Investigative Dermatology</i> , 2007, 127, 2637-2644.	0.7	52
75	Autophagic Control of Skin Aging. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 143.	3.7	52
76	Vitamin D3 Induces Caspase-14 Expression in Psoriatic Lesions and Enhances Caspase-14 Processing in Organotypic Skin Cultures. <i>American Journal of Pathology</i> , 2004, 165, 833-841.	3.8	51
77	Topical Antihistamines Display Potent Anti-Inflammatory Activity Linked in Part to Enhanced Permeability Barrier Function. <i>Journal of Investigative Dermatology</i> , 2013, 133, 469-478.	0.7	51
78	Differential Evolution of the Epidermal Keratin Cytoskeleton in Terrestrial and Aquatic Mammals. <i>Molecular Biology and Evolution</i> , 2019, 36, 328-340.	8.9	51
79	Stratum corneum-derived caspase-14 is catalytically active. <i>FEBS Letters</i> , 2004, 577, 446-450.	2.8	50
80	Identification and Characterization of a Novel Mammalian Caspase with Proapoptotic Activity. <i>Journal of Biological Chemistry</i> , 2005, 280, 35077-35080.	3.4	50
81	Blocking negative effects of senescence in human skin fibroblasts with a plant extract. <i>Npj Aging and Mechanisms of Disease</i> , 2018, 4, 4.	4.5	49
82	Epidemiologic determinants of skin photoaging: Baseline data of the SU.VI.MAX. cohort. <i>Journal of the American Academy of Dermatology</i> , 2000, 42, 47-55.	1.2	47
83	Autophagy in the Thymic Epithelium Is Dispensable for the Development of Self-Tolerance in a Novel Mouse Model. <i>PLoS ONE</i> , 2012, 7, e38933.	2.5	47
84	Autophagy deficient melanocytes display a senescence associated secretory phenotype that includes oxidized lipid mediators. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 81, 375-382.	2.8	46
85	Comparative Genomics Identifies Epidermal Proteins Associated with the Evolution of the Turtle Shell. <i>Molecular Biology and Evolution</i> , 2016, 33, 726-737.	8.9	46
86	Interferon- $\gamma$ prevents apoptosis of endothelial cells after short-term exposure but induces replicative senescence after continuous stimulation. <i>Laboratory Investigation</i> , 2006, 86, 997-1007.	3.7	45
87	Degradation by Stratum Corneum Proteases Prevents Endogenous RNase Inhibitor from Blocking Antimicrobial Activities of RNase 5 and RNase 7. <i>Journal of Investigative Dermatology</i> , 2009, 129, 2193-2201.	0.7	45
88	Pangolins Lack IFIH1/MDA5, a Cytoplasmic RNA Sensor That Initiates Innate Immune Defense Upon Coronavirus Infection. <i>Frontiers in Immunology</i> , 2020, 11, 939.	4.8	45
89	Organotypic human skin culture models constructed with senescent fibroblasts show hallmarks of skin aging. <i>Npj Aging and Mechanisms of Disease</i> , 2020, 6, 4.	4.5	45
90	Ultrasound affects distribution of plasminogen and tissue-type plasminogen activator in whole blood clots in vitro. <i>Thrombosis and Haemostasis</i> , 2004, 92, 980-985.	3.4	43

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91	Age-related changes in expression and function of Toll-like receptors in human skin. <i>Development</i> (Cambridge), 2012, 139, 4210-4219.	2.5	43
92	A Genome-Wide Association Study in Caucasian Women Points Out a Putative Role of the STXBP5L Gene in Facial Photoaging. <i>Journal of Investigative Dermatology</i> , 2013, 133, 929-935.	0.7	43
93	Infection of Circulating CD34+ Cells by HHV-8 in Patients with Kaposi's Sarcoma. <i>Journal of Investigative Dermatology</i> , 1999, 113, 613-616.	0.7	42
94	The hsp27kD heat shock protein and p38-MAPK signaling are required for regular epidermal differentiation. <i>Journal of Dermatological Science</i> , 2011, 61, 32-37.	1.9	42
95	DNase 2 Is the Main DNA-Degrading Enzyme of the Stratum Corneum. <i>PLoS ONE</i> , 2011, 6, e17581.	2.5	42
96	Caspase-14 but not caspase-3 is processed during the development of fetal mouse epidermis. <i>Differentiation</i> , 2005, 73, 406-413.	1.9	41
97	Targeted deletion of Atg5 reveals differential roles of autophagy in keratin K5-expressing epithelia. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 689-694.	2.1	41
98	Paracrine Factors from Irradiated Peripheral Blood Mononuclear Cells Improve Skin Regeneration and Angiogenesis in a Porcine Burn Model. <i>Scientific Reports</i> , 2016, 6, 25168.	3.3	41
99	Reverse Transcription-Polymerase Chain Reaction Products of Alternatively Spliced mRNAs Form DNA Heteroduplexes and Heteroduplex Complexes. <i>Journal of Biological Chemistry</i> , 1999, 274, 2613-2615.	3.4	39
100	Beneficial effects of protease inhibitors on body composition and energy expenditure: a comparison between HIV-infected and AIDS patients. <i>Aids</i> , 1999, 13, 2389-2396.	2.2	39
101	Transepidermal water loss, temperature and sebum levels on women's facial skin follow characteristic patterns. <i>Skin Research and Technology</i> , 2000, 6, 31-36.	1.6	39
102	Non-melanoma skin cancer and its risk factors in an Austrian population of heart transplant recipients receiving induction therapy. <i>International Journal of Dermatology</i> , 2008, 47, 918-925.	1.0	39
103	Effect of hormonal replacement therapy on skin biophysical properties of menopausal women. <i>Skin Research and Technology</i> , 2005, 11, 201-204.	1.6	38
104	Epilipidomics of Senescent Dermal Fibroblasts Identify Lysophosphatidylcholines as Pleiotropic Senescence-Associated Secretory Phenotype (SASP) Factors. <i>Journal of Investigative Dermatology</i> , 2021, 141, 993-1006.e15.	0.7	37
105	Hepatocyte Growth Factor/Scatter Factor Inhibits UVB-induced Apoptosis of Human Keratinocytes but Not of Keratinocyte-derived Cell Lines via the Phosphatidylinositol 3-Kinase/AKT Pathway. <i>Journal of Biological Chemistry</i> , 2002, 277, 14146-14152.	3.4	36
106	Ultrastructural Localization of Caspase-14 in Human Epidermis. <i>Journal of Histochemistry and Cytochemistry</i> , 2004, 52, 1561-1574.	2.5	36
107	Anti-Acanthamoeba efficacy and toxicity of miltefosine in an organotypic skin equivalent. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 64, 539-545.	3.0	36
108	Comparative genomics reveals conservation of filaggrin and loss of caspase-14 in dolphins. <i>Experimental Dermatology</i> , 2015, 24, 365-369.	2.9	35

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109	The serine proteases dipeptidyl-peptidase 4 and urokinase are key molecules in human and mouse scar formation. <i>Nature Communications</i> , 2021, 12, 6242.	12.8	34
110	Nrf2 deficiency causes lipid oxidation, inflammation, and matrix-protease expression in DHA-supplemented and UVA-irradiated skin fibroblasts. <i>Free Radical Biology and Medicine</i> , 2015, 88, 439-451.	2.9	33
111	Different pro-angiogenic potential of $\beta$ -irradiated PBMC-derived secretome and its subfractions. <i>Scientific Reports</i> , 2018, 8, 18016.	3.3	33
112	Convergent Evolution of Cysteine-Rich Keratins in Hard Skin Appendages of Terrestrial Vertebrates. <i>Molecular Biology and Evolution</i> , 2020, 37, 982-993.	8.9	33
113	A novel role for NUPR1 in the keratinocyte stress response to UV oxidized phospholipids. <i>Redox Biology</i> , 2019, 20, 467-482.	9.0	32
114	Comparison of cheek and forehead regions by bioengineering methods in women with different self-reported "cosmetic skin types". <i>Skin Research and Technology</i> , 1999, 5, 182-188.	1.6	31
115	Loss of Keratin K2 Expression Causes Aberrant Aggregation of K10, Hyperkeratosis, and Inflammation. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2579-2588.	0.7	31
116	Characterization of a cDNA clone, encoding a 70 kDa heat shock protein from the dermatophyte pathogen <i>Trichophyton rubrum</i> . <i>Gene</i> , 2000, 241, 27-33.	2.2	29
117	Terminal differentiation of nail matrix keratinocytes involves up-regulation of DNase1L2 but is independent of caspase-14 expression. <i>Differentiation</i> , 2007, 75, 939-946.	1.9	29
118	Identification and comparative analysis of the epidermal differentiation complex in snakes. <i>Scientific Reports</i> , 2017, 7, 45338.	3.3	29
119	Dietary Monounsaturated Fatty Acids Intake and Risk of Skin Photoaging. <i>PLoS ONE</i> , 2012, 7, e44490.	2.5	29
120	Identification of a Human cDNA Encoding a Novel Bcl-x Isoform. <i>Biochemical and Biophysical Research Communications</i> , 1998, 248, 147-152.	2.1	28
121	Histidase expression in human epidermal keratinocytes: Regulation by differentiation status and all-trans retinoic acid. <i>Journal of Dermatological Science</i> , 2008, 50, 209-215.	1.9	27
122	In situ labeling of DNA reveals interindividual variation in nuclear DNA breakdown in hair and may be useful to predict success of forensic genotyping of hair. <i>International Journal of Legal Medicine</i> , 2012, 126, 63-70.	2.2	27
123	Inactivation of DNase1L2 and DNase2 in keratinocytes suppresses DNA degradation during epidermal cornification and results in constitutive parakeratosis. <i>Scientific Reports</i> , 2017, 7, 6433.	3.3	27
124	Inactivation of autophagy leads to changes in sebaceous gland morphology and function. <i>Experimental Dermatology</i> , 2018, 27, 1142-1151.	2.9	27
125	Alternative Splicing of Caspase-8 mRNA during Differentiation of Human Leukocytes. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 777-781.	2.1	26
126	The dimensions and characteristics of the subepidermal nerve plexus in human skin – Terminal Schwann cells constitute a substantial cell population within the superficial dermis. <i>Journal of Dermatological Science</i> , 2012, 65, 162-169.	1.9	26



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127	Mechanisms and emerging functions of DNA degradation in the epidermis. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 2461.	3.0	26
128	Safety and tolerability of topically administered autologous, apoptotic PBMC secretome (APOSEC) in dermal wounds: a randomized Phase 1 trial (MARSYAS II). <i>Scientific Reports</i> , 2017, 7, 6216.	3.3	26
129	Comparative Analysis of Epidermal Differentiation Genes of Crocodylians Suggests New Models for the Evolutionary Origin of Avian Feather Proteins. <i>Genome Biology and Evolution</i> , 2018, 10, 694-704.	2.5	26
130	Tissue-regenerative potential of the secretome of $\beta$ -irradiated peripheral blood mononuclear cells is mediated via TNFRSF1B-induced necroptosis. <i>Cell Death and Disease</i> , 2019, 10, 729.	6.3	26
131	Schwann cells contribute to keloid formation. <i>Matrix Biology</i> , 2022, 108, 55-76.	3.6	25
132	Human embryonic epidermis contains a diverse Langerhans cell precursor pool. <i>Development (Cambridge)</i> , 2014, 141, 807-815.	2.5	23
133	Ethnic Differences in Skin Aging. , 2006, , 23-31.		23
134	Biological characterization of noninfectious HIV-1 particles lacking the envelope protein. <i>Virology</i> , 1992, 187, 604-611.	2.4	22
135	Distribution of caspase-14 in epidermis and hair follicles is evolutionarily conserved among mammals. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005, 286A, 962-973.	2.0	22
136	MC1R Gene Polymorphism Affects Skin Color and Phenotypic Features Related to Sun Sensitivity in a Population of French Adult Women. <i>Photochemistry and Photobiology</i> , 2009, 85, 1451-1458.	2.5	22
137	Association between dietary intake of n-3 polyunsaturated fatty acids and severity of skin photoaging in a middle-aged Caucasian population. <i>Journal of Dermatological Science</i> , 2013, 72, 233-239.	1.9	22
138	Immunolocalization of a Histidine-Rich Epidermal Differentiation Protein in the Chicken Supports the Hypothesis of an Evolutionary Developmental Link between the Embryonic Subepidermis and Feather Barbs and Barbules. <i>PLoS ONE</i> , 2016, 11, e0167789.	2.5	22
139	Morphological and Phenotypical Characterization of Bone Marrow-Derived Dendritic Thy-1-Positive Epidermal Cells of the Mouse. <i>Journal of Investigative Dermatology</i> , 1985, 85, S91-S95.	0.7	21
140	Deleterious Mutations of a Claw Keratin in Multiple Taxa of Reptiles. <i>Journal of Molecular Evolution</i> , 2011, 72, 265-273.	1.8	21
141	ATG7 is essential for secretion of iron from ameloblasts and normal growth of murine incisors during aging. <i>Autophagy</i> , 2020, 16, 1851-1857.	9.1	20
142	2,3,7,8-Tetrachlorodibenzo-p-Dioxin Impairs Differentiation of Normal Human Epidermal Keratinocytes in a Skin Equivalent Model. <i>Journal of Investigative Dermatology</i> , 2005, 124, 275-277.	0.7	19
143	Rarefaction of the Peripheral Nerve Network in Diabetic Patients Is Associated With a Pronounced Reduction of Terminal Schwann Cells. <i>Diabetes Care</i> , 2008, 31, 1219-1221.	8.6	19
144	Keratins K2 and K10 are essential for the epidermal integrity of plantar skin. <i>Journal of Dermatological Science</i> , 2016, 81, 10-16.	1.9	19

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145	The Differentiation-Associated Keratinocyte Protein Cornifelin Contributes to Cell-Cell Adhesion of Epidermal and Mucosal Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2019, 139, 2292-2301.e9.	0.7	19
146	Influence of skin colour on the detection of cutaneous erythema and tanning phenomena using reflectance spectrophotometry. <i>Skin Research and Technology</i> , 2007, 13, 236-241.	1.6	18
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