

Erwin Tschachler

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

231
papers

10,628
citations

52
h-index

95
g-index

242
ext. papers

11,923
ext. citations

4.7
avg, IF

5.89
L-index

#	Paper	IF	Citations
231	Single-cell transcriptomics defines keratinocyte differentiation in avian scutate scales.. <i>Scientific Reports</i> , 2022 , 12, 126	4.9	
230	Schwann cells contribute to keloid formation.. <i>Matrix Biology</i> , 2022 ,	11.4	2
229	Identification of New Biological Pathways Involved in Skin Aging From the Analysis of French Women Genome-Wide Data.. <i>Frontiers in Genetics</i> , 2022 , 13, 836581	4.5	
228	The serine proteases dipeptidyl-peptidase 4 and urokinase are key molecules in human and mouse scar formation. <i>Nature Communications</i> , 2021 , 12, 6242	17.4	3
227	NOD2 and reproduction-associated NOD-like receptors have been lost during the evolution of pangolins. <i>Immunogenetics</i> , 2021 , 1	3.2	2
226	Gene duplications and gene loss in the epidermal differentiation complex during the evolutionary land-to-water transition of cetaceans. <i>Scientific Reports</i> , 2021 , 11, 12334	4.9	4
225	An In Vitro Model of Avian Skin Reveals Evolutionarily Conserved Transcriptional Regulation of Epidermal Barrier Formation. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 2829-2837	4.3	2
224	The Whey Acidic Protein WFDC12 Is Specifically Expressed in Terminally Differentiated Keratinocytes and Regulates Epidermal Serine Protease Activity. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 1198-1206.e13	4.3	3
223	Crosstalk between oxidative stress, autophagy and apoptosis in hemoporphin photodynamic therapy treated human umbilical vein endothelial cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021 , 33, 102137	3.5	4
222	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	4.3	12
221	The Trichohyalin-Like Protein Scaffoldin Is Expressed in the Multilayered Periderm during Development of Avian Beak and Egg Tooth. <i>Genes</i> , 2021 , 12,	4.2	2
220	Autophagy protects murine preputial glands against premature aging, and controls their sebum phospholipid and pheromone profile. <i>Autophagy</i> , 2021 , 1-15	10.2	2
219	EADV and ESDR: Two Sides of the Same Coin. <i>Journal of Investigative Dermatology</i> , 2020 , 140, S177	4.3	
218	miR-155 Contributes to Normal Keratinocyte Differentiation and Is Upregulated in the Epidermis of Psoriatic Skin Lesions. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
217	Pangolins Lack IFIH1/MDA5, a Cytoplasmic RNA Sensor That Initiates Innate Immune Defense Upon Coronavirus Infection. <i>Frontiers in Immunology</i> , 2020 , 11, 939	8.4	31
216	Cytosolic DNA sensing through cGAS and STING is inactivated by gene mutations in pangolins. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020 , 25, 474-480	5.4	12
215	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	5.5	21

214	TINCR is not a non-coding RNA but encodes a protein component of cornified epidermal keratinocytes. <i>Experimental Dermatology</i> , 2020 , 29, 376-379	4	10
213	Deciphering the functional heterogeneity of skin fibroblasts using single-cell RNA sequencing. <i>FASEB Journal</i> , 2020 , 34, 3677-3692	0.9	55
212	ATG7 is essential for secretion of iron from ameloblasts and normal growth of murine incisors during aging. <i>Autophagy</i> , 2020 , 16, 1851-1857	10.2	10
211	Polymerase chain reaction for the diagnosis of herpesvirus infections in dermatology : Analysis of clinical data. <i>Wiener Klinische Wochenschrift</i> , 2020 , 132, 35-41	2.3	5
210	Convergent Evolution of Cysteine-Rich Keratins in Hard Skin Appendages of Terrestrial Vertebrates. <i>Molecular Biology and Evolution</i> , 2020 , 37, 982-993	8.3	17
209	Cell aging and cellular senescence in skin aging - Recent advances in fibroblast and keratinocyte biology. <i>Experimental Gerontology</i> , 2020 , 130, 110780	4.5	36
208	Cerebellar Degeneration-related Antigen 1 Is Ubiquitously Expressed in Human Epidermis and Dermis. <i>Current Medical Science</i> , 2020 , 40, 570-573	2.8	0
207	Imaging of metabolic activity adaptations to UV stress, drugs and differentiation at cellular resolution in skin and skin equivalents - Implications for oxidative UV damage. <i>Redox Biology</i> , 2020 , 37, 101583	11.3	5
206	Identification of epidermal differentiation genes of the tuatara provides insights into the early evolution of lepidosaurian skin. <i>Scientific Reports</i> , 2020 , 10, 12844	4.9	5
205	ESDR-Foundation RenŕTouraine Partnership: A Successful Liaison. <i>Journal of Investigative Dermatology</i> , 2020 , 140, S191	4.3	
204	Distinct Distribution of RTN1A in Immune Cells in Mouse Skin and Lymphoid Organs. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 608876	5.7	1
203	Tissue-regenerative potential of the secretome of ŕrradiated peripheral blood mononuclear cells is mediated via TNFRSF1B-induced necroptosis. <i>Cell Death and Disease</i> , 2019 , 10, 729	9.8	14
202	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	4.3	8
201	Comparative genomics suggests loss of keratin K24 in three evolutionary lineages of mammals. <i>Scientific Reports</i> , 2019 , 9, 10924	4.9	6
200	Immunolocalization and phylogenetic profiling of the feather protein with the highest cysteine content. <i>Protoplasma</i> , 2019 , 256, 1257-1265	3.4	10
199	Autophagic Control of Skin Aging. <i>Frontiers in Cell and Developmental Biology</i> , 2019 , 7, 143	5.7	24
198	A Stress Response Program at the Origin of Evolutionary Innovation in the Skin. <i>Evolutionary Bioinformatics</i> , 2019 , 15, 1176934319862246	1.9	5
197	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	4.3	32

196	A novel role for NUPR1 in the keratinocyte stress response to UV oxidized phospholipids. <i>Redox Biology</i> , 2019 , 20, 467-482	11.3	26
195	Differential Evolution of the Epidermal Keratin Cytoskeleton in Terrestrial and Aquatic Mammals. <i>Molecular Biology and Evolution</i> , 2019 , 36, 328-340	8.3	30
194	Cornification of nail keratinocytes requires autophagy for bulk degradation of intracellular proteins while sparing components of the cytoskeleton. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019 , 24, 62-73	5.4	11
193	A genome wide association study identifies new genes potentially associated with eyelid sagging. <i>Experimental Dermatology</i> , 2019 , 28, 892-898	4	4
192	The Reticulum-Associated Protein RTN1A Specifically Identifies Human Dendritic Cells. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 1318-1327	4.3	5
191	Blocking negative effects of senescence in human skin fibroblasts with a plant extract. <i>Npj Aging and Mechanisms of Disease</i> , 2018 , 4, 4	5.5	32
190	Suppression of autophagy perturbs turnover of sequestosome-1/p62 in Merkel cells but not in keratinocytes. <i>Journal of Dermatological Science</i> , 2018 , 90, 209-211	4.3	9
189	OLR1 scavenger receptor knockdown affects mitotic gene expression but is dispensable for oxidized phospholipid-mediated stress signaling in SZ 95 sebocytes. <i>Mechanisms of Ageing and Development</i> , 2018 , 172, 35-44	5.6	2
188	Mice over-expressing placenta growth factor in the skin exhibit increased vascularization and vessel permeability independently of VEGF-A. <i>Journal of Dermatological Science</i> , 2018 , 90, 93-96	4.3	4
187	Suppression of Epithelial Autophagy Compromises the Homeostasis of Sweat Glands during Aging. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 2061-2063	4.3	8
186	Filamentous Aggregation of Sequestosome-1/p62 in Brain Neurons and Neuroepithelial Cells upon Tyr-Cre-Mediated Deletion of the Autophagy Gene Atg7. <i>Molecular Neurobiology</i> , 2018 , 55, 8425-8437	6.2	6
185	Validation of digital photographic reference scales for evaluating facial aging signs. <i>Skin Research and Technology</i> , 2018 , 24, 196-202	1.9	3
184	Inactivation of autophagy leads to changes in sebaceous gland morphology and function. <i>Experimental Dermatology</i> , 2018 , 27, 1142-1151	4	12
183	Control of cell death-associated danger signals during cornification prevents autoinflammation of the skin. <i>Experimental Dermatology</i> , 2018 , 27, 884-891	4	8
182	Different pro-angiogenic potential of irradiated PBMC-derived secretome and its subfractions. <i>Scientific Reports</i> , 2018 , 8, 18016	4.9	22
181	Establishment of keratinocyte cell lines from human hair follicles. <i>Scientific Reports</i> , 2018 , 8, 13434	4.9	12
180	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	3.9	14
179	The caspase-1 inhibitor CARD18 is specifically expressed during late differentiation of keratinocytes and its expression is lost in lichen planus. <i>Journal of Dermatological Science</i> , 2017 , 87, 176-182	4.3	6

178	Identification and comparative analysis of the epidermal differentiation complex in snakes. <i>Scientific Reports</i> , 2017 , 7, 45338	4.9	17
177	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	11.3	56
176	Phylogenetic profiling and gene expression studies implicate a primary role of PSORS1C2 in terminal differentiation of keratinocytes. <i>Experimental Dermatology</i> , 2017 , 26, 352-358	4	13
175	Filaggrin has evolved from an "S100 fused-type protein" (SFTP) gene present in a common ancestor of amphibians and mammals. <i>Experimental Dermatology</i> , 2017 , 26, 955-957	4	8
174	Safety and tolerability of topically administered autologous, apoptotic PBMC secretome (APOSEC) in dermal wounds: a randomized Phase 1 trial (MARSYAS I). <i>Scientific Reports</i> , 2017 , 7, 6216	4.9	19
173	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	4.9	17
172	Epidermal cornification is preceded by the expression of a keratinocyte-specific set of pyroptosis-related genes. <i>Scientific Reports</i> , 2017 , 7, 17446	4.9	34
171	Double deficiency of Trex2 and DNase1L2 nucleases leads to accumulation of DNA in lingual cornifying keratinocytes without activating inflammatory responses. <i>Scientific Reports</i> , 2017 , 7, 11902	4.9	10
170	Holocrine Secretion of Sebum Is a Unique DNase2-Dependent Mode of Programmed Cell Death. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 587-594	4.3	48
169	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	4.9	30
168	Venereal Disease I: Syphilis 2016 , 57-68		
167	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	5.6	32
166	Keratins K2 and K10 are essential for the epidermal integrity of plantar skin. <i>Journal of Dermatological Science</i> , 2016 , 81, 10-6	4.3	15
165	Comparative Genomics Identifies Epidermal Proteins Associated with the Evolution of the Turtle Shell. <i>Molecular Biology and Evolution</i> , 2016 , 33, 726-37	8.3	34
164	Tyrosinase-Cre-Mediated Deletion of the Autophagy Gene Atg7 Leads to Accumulation of the RPE65 Variant M450 in the Retinal Pigment Epithelium of C57BL/6 Mice. <i>PLoS ONE</i> , 2016 , 11, e0161640	3.7	12
163	The Expression of the Endogenous mTORC1 Inhibitor Sestrin 2 Is Induced by UVB and Balanced with the Expression Level of Sestrin 1. <i>PLoS ONE</i> , 2016 , 11, e0166832	3.7	12
162	Immunolocalization of a Histidine-Rich Epidermal Differentiation Protein in the Chicken Supports the Hypothesis of an Evolutionary Developmental Link between the Embryonic Subperiderm and Feather Barbs and Barbules. <i>PLoS ONE</i> , 2016 , 11, e0167789	3.7	18
161	A genome-wide association study in Caucasian women suggests the involvement of HLA genes in the severity of facial solar lentigines. <i>Pigment Cell and Melanoma Research</i> , 2016 , 29, 550-8	4.5	7

160	Urocanic Acid: An Endogenous Regulator of Langerhans Cells. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 1735-1737	4-3	4
159	SNEV(Prp19/PSO4) deficiency increases PUVA-induced senescence in mouse skin. <i>Experimental Dermatology</i> , 2016 , 25, 212-7	4	5
158	The Influence of MC1R Variants on Facial Aging Rate. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2015 , 17, 17	1.1	1
157	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	4-3	41
156	Kaposi's Sarcoma 2015 , 447-454		1
155	Bioinformatics approach for choosing the correct reference genes when studying gene expression in human keratinocytes. <i>Experimental Dermatology</i> , 2015 , 24, 742-7	4	15
154	Convergent evolution of cysteine-rich proteins in feathers and hair. <i>BMC Evolutionary Biology</i> , 2015 , 15, 82	3	51
153	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
152	Matriptase-1-Expression ist in psoriatischen Hautläsionen reduziert und wird in vitro durch TNF α herabreguliert. <i>JDDG - Journal of the German Society of Dermatology</i> , 2015 , 13, 1165-1175	1.2	
151	Matriptase-1 expression is lost in psoriatic skin lesions and is downregulated by TNF α in vitro. <i>JDDG - Journal of the German Society of Dermatology</i> , 2015 , 13, 1165-74	1.2	1
150	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	7.8	23
149	Comparative genomics reveals conservation of filaggrin and loss of caspase-14 in dolphins. <i>Experimental Dermatology</i> , 2015 , 24, 365-9	4	26
148	Antimicrobial peptides are highly abundant and active in postoperative pleural drainage fluids. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 1042-50	2.7	1
147	Loss of keratin K2 expression causes aberrant aggregation of K10, hyperkeratosis, and inflammation. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 2579-2588	4-3	27
146	Trichohyalin-like proteins have evolutionarily conserved roles in the morphogenesis of skin appendages. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 2685-2692	4-3	51
145	Human embryonic epidermis contains a diverse Langerhans cell precursor pool. <i>Development (Cambridge)</i> , 2014 , 141, 807-15	6.6	20
144	Activation of Nrf2 in keratinocytes causes chloracne (MADISH)-like skin disease in mice. <i>EMBO Molecular Medicine</i> , 2014 , 6, 442-57	12	71
143	Targeting miR-21 to treat psoriasis. <i>Science Translational Medicine</i> , 2014 , 6, 225re1	17.5	94

142	Evolutionary origin and diversification of epidermal barrier proteins in amniotes. <i>Molecular Biology and Evolution</i> , 2014 , 31, 3194-205	8.3	85
141	Epidermal CCL27 expression is regulated during skin development and keratinocyte differentiation. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 855-858	4.3	9
140	The dermatologist and the HIV/AIDS pandemic. <i>Clinics in Dermatology</i> , 2014 , 32, 286-9	3	9
139	A genome-wide association study in Caucasian women points out a putative role of the STXP5L gene in facial photoaging. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 929-35	4.3	32
138	Cell death by cornification. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013 , 1833, 3471-3480	9	266
137	Epidermal keratinocytes form a functional skin barrier in the absence of Atg7 dependent autophagy. <i>Journal of Dermatological Science</i> , 2013 , 71, 67-75	4.3	45
136	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, 233-9	4.3	18
135	Targeted deletion of Atg5 reveals differential roles of autophagy in keratin K5-expressing epithelia. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 430, 689-94	3.4	33
134	Topical antihistamines display potent anti-inflammatory activity linked in part to enhanced permeability barrier function. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 469-78	4.3	42
133	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, 1629-37	4.3	96
132	Dual role of the antioxidant enzyme peroxiredoxin 6 in skin carcinogenesis. <i>Cancer Research</i> , 2013 , 73, 3460-9	10.1	47
131	Secretome of peripheral blood mononuclear cells enhances wound healing. <i>PLoS ONE</i> , 2013 , 8, e60103	3.7	47
130	High levels of oncomiR-21 contribute to the senescence-induced growth arrest in normal human cells and its knock-down increases the replicative lifespan. <i>Aging Cell</i> , 2013 , 12, 446-58	9.9	81
129	Autophagy in epithelial homeostasis and defense. <i>Frontiers in Bioscience - Elite</i> , 2013 , 5, 1000-10	1.6	14
128	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	3.1	21
127	European guideline on chronic pruritus. <i>Acta Dermato-Venereologica</i> , 2012 , 92, 563-81	2.2	137
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, 162-9	4.3	16
125	Mechanisms and emerging functions of DNA degradation in the epidermis. <i>Frontiers in Bioscience - Landmark</i> , 2012 , 17, 2461-75	2.8	24

124	'Don't be so over-protective!'. <i>EMBO Molecular Medicine</i> , 2012 , 4, 362-3	12	3
123	Skin surface hydration decreases rapidly during long distance flights. <i>Skin Research and Technology</i> , 2012 , 18, 238-40	1.9	7
122	Age-related changes in expression and function of Toll-like receptors in human skin. <i>Development (Cambridge)</i> , 2012 , 139, 4210-9	6.6	37
121	A simplified procedure for semi-targeted lipidomic analysis of oxidized phosphatidylcholines induced by UVA irradiation. <i>Journal of Lipid Research</i> , 2012 , 53, 1232-42	6.3	60
120	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	3.7	41
119	Dietary monounsaturated fatty acids intake and risk of skin photoaging. <i>PLoS ONE</i> , 2012 , 7, e44490	3.7	25
118	The hsp27kD heat shock protein and p38-MAPK signaling are required for regular epidermal differentiation. <i>Journal of Dermatological Science</i> , 2011 , 61, 32-7	4.3	34
117	Filaggrin genotype in ichthyosis vulgaris predicts abnormalities in epidermal structure and function. <i>American Journal of Pathology</i> , 2011 , 178, 2252-63	5.8	182
116	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, 188-94	4.3	87
115	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, 1283-97	11.8	70
114	Deleterious mutations of a claw keratin in multiple taxa of reptiles. <i>Journal of Molecular Evolution</i> , 2011 , 72, 265-73	3.1	17
113	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
112	Cuts by caspase-14 control the proteolysis of filaggrin. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 2173-5	4.3	9
111	DNase 2 is the main DNA-degrading enzyme of the stratum corneum. <i>PLoS ONE</i> , 2011 , 6, e17581	3.7	34
110	Kaposi's Sarcoma 2011 , 405-409		1
109	miR-17, miR-19b, miR-20a, and miR-106a are down-regulated in human aging. <i>Aging Cell</i> , 2010 , 9, 291-6	9.9	295
108	NF-E2-related factor 2 regulates the stress response to UVA-1-oxidized phospholipids in skin cells. <i>FASEB Journal</i> , 2010 , 24, 39-48	0.9	66
107	Primary sources and immunological prerequisites for sST2 secretion in humans. <i>Cardiovascular Research</i> , 2010 , 87, 769-77	9.9	89

106	The antimicrobial heterodimer S100A8/S100A9 (calprotectin) is upregulated by bacterial flagellin in human epidermal keratinocytes. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 2423-30	4.3	57
105	Is the filaggrin-histidine-urocanic acid pathway essential for stratum corneum acidification?. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 2141-4	4.3	44
104	Knockdown of filaggrin impairs diffusion barrier function and increases UV sensitivity in a human skin model. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 2286-94	4.3	204
103	Functional MC1R-gene variants are associated with increased risk for severe photoaging of facial skin. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 1107-15	4.3	51
102	Escherichia coli ghosts promote innate immune responses in human keratinocytes. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 400, 78-82	3.4	13
101	Aldehyde dehydrogenase 1A3 is transcriptionally activated by all-trans-retinoic acid in human epidermal keratinocytes. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 400, 207-11	3.4	12
100	Psoriasis: what we have learned from mouse models. <i>Nature Reviews Rheumatology</i> , 2010 , 6, 704-14	8.1	152
99	Anti-acanthamoeba efficacy and toxicity of miltefosine in an organotypic skin equivalent. <i>Journal of Antimicrobial Chemotherapy</i> , 2009 , 64, 539-45	5.1	33
98	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, 2193-201	4.3	41
97	Variations of skin biophysical properties after recreational swimming. <i>Skin Research and Technology</i> , 2009 , 15, 427-32	1.9	9
96	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, 1451-8	3.6	18
95	Duplication of the caspase-12 prodomain and inactivation of NLRC4/IPAF in the dog. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 384, 226-30	3.4	10
94	The tail domains of keratins contain conserved amino acid sequence motifs. <i>Journal of Dermatological Science</i> , 2009 , 54, 208-9	4.3	5
93	Unsung hero Robert C. Gallo. <i>Science</i> , 2009 , 323, 206-7	33.3	2
92	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, 918-25	1.7	27
91	Histidase expression in human epidermal keratinocytes: regulation by differentiation status and all-trans retinoic acid. <i>Journal of Dermatological Science</i> , 2008 , 50, 209-15	4.3	20
90	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, 18419-23	11.5	86
89	Transcription of the caspase-14 gene in human epidermal keratinocytes requires AP-1 and NFkappaB. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 371, 261-6	3.4	11

88	Acute modulations in permeability barrier function regulate epidermal cornification: role of caspase-14 and the protease-activated receptor type 2. <i>American Journal of Pathology</i> , 2008 , 172, 86-97	5.8	109
87	Epidermal vascular endothelial growth factor production is required for permeability barrier homeostasis, dermal angiogenesis, and the development of epidermal hyperplasia: implications for the pathogenesis of psoriasis. <i>American Journal of Pathology</i> , 2008 , 173, 689-99	5.8	75
86	Lymphatic precollectors contain a novel, specialized subpopulation of podoplanin low, CCL27-expressing lymphatic endothelial cells. <i>American Journal of Pathology</i> , 2008 , 173, 1202-9	5.8	55
85	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, 1219-21	14.6	13
84	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, 2168-76	0.9	67
83	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, 831-41	8.3	80
82	Activator protein 1 (Fos/Jun) functions in inflammatory bone and skin disease. <i>Arthritis Research and Therapy</i> , 2008 , 10, 201	5.7	201
81	DNase1L2 degrades nuclear DNA during corneocyte formation. <i>Journal of Investigative Dermatology</i> , 2007 , 127, 24-30	4.3	53
80	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, 2637-44	4.3	44
79	Sun-reactive Skin Type in 4912 French Adults Participating in the SU.VI.MAX Study¶. <i>Photochemistry and Photobiology</i> , 2007 , 81, 934-940	3.6	1
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