

# Joost Schalkwijk

## 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.

178  
papers

10,556  
citations

52  
h-index

98  
g-index

181  
ext. papers

11,895  
ext. citations

5.6  
avg. IF

5.55  
L-index

#	Paper	IF	Citations
178	Identification of Keratinocyte Mitogens: Implications for Hyperproliferation in Psoriasis and Atopic Dermatitis.. <i>JID Innovations</i> , <b>2022</b> , 2, 100066		0
177	Preclinical characterization and target validation of the antimalarial pantothenamide MMV693183.. <i>Nature Communications</i> , <b>2022</b> , 13, 2158	17.4	0
176	<i>Borrelia burgdorferi</i> is strong inducer of IFN- $\gamma$ production by human primary NK cells.. <i>Cytokine</i> , <b>2022</b> , 155, 155895	4	1
175	Terminal keratinocyte differentiation in vitro is associated with a stable DNA methylome. <i>Experimental Dermatology</i> , <b>2021</b> , 30, 1023-1032	4	2
174	Preclinical characterization and target validation of the antimalarial pantothenamide MMV693183 <b>2021</b> ,		1
173	Know your enemy: Unexpected, pervasive and persistent viral and bacterial contamination of primary cell cultures. <i>Experimental Dermatology</i> , <b>2020</b> , 29, 672-676	4	0
172	Loss of Tenascin-X expression during tumor progression: A new pan-cancer marker. <i>Matrix Biology Plus</i> , <b>2020</b> , 6-7, 100021	5.1	10
171	Biallelic mutations in Tenascin-X cause classical-like Ehlers-Danlos syndrome with slowly progressive muscular weakness. <i>Neuromuscular Disorders</i> , <b>2020</b> , 30, 833-838	2.9	
170	Skin microbiota in health and disease: From sequencing to biology. <i>Journal of Dermatology</i> , <b>2020</b> , 47, 1110-1118	1.6	5
169	Children with vesicoureteric reflux have joint hypermobility and occasional tenascin XB sequence variants. <i>Canadian Urological Association Journal</i> , <b>2020</b> , 14, E128-E136	1.2	0
168	Targeting the Cutaneous Microbiota in Atopic Dermatitis by Coal Tar via AHR-Dependent Induction of Antimicrobial Peptides. <i>Journal of Investigative Dermatology</i> , <b>2020</b> , 140, 415-424.e10	4.3	36
167	Antimalarial pantothenamide metabolites target acetyl-coenzyme A biosynthesis in. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	32
166	STAT1 gain-of-function compromises skin host defense in the context of IFN- $\gamma$ signaling. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 1626-1629.e5	11.5	4
165	Stable pantothenamide bioisosteres: novel antibiotics for Gram-positive bacteria. <i>Journal of Antibiotics</i> , <b>2019</b> , 72, 682-692	3.7	7
164	Microbe-host interplay in atopic dermatitis and psoriasis. <i>Nature Communications</i> , <b>2019</b> , 10, 4703	17.4	90
163	A generic workflow for Single Locus Sequence Typing (SLST) design and subspecies characterization of microbiota. <i>Scientific Reports</i> , <b>2019</b> , 9, 19834	4.9	8
162	Deficiency of the human cysteine protease inhibitor cystatin M/E causes hypotrichosis and dry skin. <i>Genetics in Medicine</i> , <b>2019</b> , 21, 1559-1567	8.1	4

161	Duplicated Enhancer Region Increases Expression of CTSB and Segregates with Keratolytic Winter Erythema in South African and Norwegian Families. <i>American Journal of Human Genetics</i> , <b>2017</b> , 100, 737-750	11	19
160	Psoriasis-Associated Late Cornified Envelope (LCE) Proteins Have Antibacterial Activity. <i>Journal of Investigative Dermatology</i> , <b>2017</b> , 137, 2380-2388	4.3	30
159	Cathepsin B as a potential cystatin M/E target in the mouse hair follicle. <i>FASEB Journal</i> , <b>2017</b> , 31, 4286-4294	4	4
158	Epidermal equivalents of filaggrin null keratinocytes do not show impaired skin barrier function. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 1979-1981.e13	11.5	24
157	Keratinocyte Proliferation and Differentiation on IL-9 Stimulation: An Explorative In vitro Study. <i>Acta Dermato-Venereologica</i> , <b>2017</b> , 97, 741-742	2.2	2
156	Immortalized N/TERT keratinocytes as an alternative cell source in 3D human epidermal models. <i>Scientific Reports</i> , <b>2017</b> , 7, 11838	4.9	57
155	A guiding map for inflammation. <i>Nature Immunology</i> , <b>2017</b> , 18, 826-831	19.1	284
154	The Effects of Human Beta-Defensins on Skin Cells in vitro. <i>Dermatology</i> , <b>2017</b> , 233, 155-163	4.4	11
153	Gram-positive anaerobe cocci are underrepresented in the microbiome of filaggrin-deficient human skin. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 1368-1371	11.5	36
152	Spread of Psoriasiform Inflammation to Remote Tissues Is Restricted by the Atypical Chemokine Receptor ACKR2. <i>Journal of Investigative Dermatology</i> , <b>2017</b> , 137, 85-94	4.3	19
151	Reply to Meisel et al. <i>Journal of Investigative Dermatology</i> , <b>2017</b> , 137, 961-962	4.3	29
150	Genetic and pharmacological inhibition of vanin-1 activity in animal models of type 2 diabetes. <i>Scientific Reports</i> , <b>2016</b> , 6, 21906	4.9	20
149	Cell Surface Expression of HLA-Cw6 by Human Epidermal Keratinocytes: Positive Regulation by Cytokines, Lack of Correlation to a Variant Upstream of HLA-C. <i>Journal of Investigative Dermatology</i> , <b>2016</b> , 136, 1903-1906	4.3	3
148	An In vitro Model for Bacterial Growth on Human Stratum Corneum. <i>Acta Dermato-Venereologica</i> , <b>2016</b> , 96, 873-879	2.2	9
147	Pharmacological Inhibition of Vanin Activity Attenuates Transplant Vasculopathy in Rat Aortic Allografts. <i>Transplantation</i> , <b>2016</b> , 100, 1656-66	1.8	7
146	The skin microbiota <b>2016</b> , 81-93		
145	Genetic and pharmacological analysis identifies a physiological role for the AHR in epidermal differentiation. <i>Journal of Investigative Dermatology</i> , <b>2015</b> , 135, 1320-1328	4.3	60
144	The role of interleukin-1 beta in the pathophysiology of Schnitzler's syndrome. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 187	5.7	32

143	A thioesterase bypasses the requirement for exogenous fatty acids in the plsX deletion of <i>Streptococcus pneumoniae</i> . <i>Molecular Microbiology</i> , <b>2015</b> , 96, 28-41	4.1	14
142	Myeloid lineage-restricted somatic mosaicism of NLRP3 mutations in patients with variant Schnitzler syndrome. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 135, 561-4	11.5	94
141	Antibiotics in cell culture: friend or foe? Suppression of keratinocyte growth and differentiation in monolayer cultures and 3D skin models. <i>Experimental Dermatology</i> , <b>2015</b> , 24, 964-5	4	8
140	Transcription factor p63 bookmarks and regulates dynamic enhancers during epidermal differentiation. <i>EMBO Reports</i> , <b>2015</b> , 16, 863-78	6.5	89
139	Novel pantothenate derivatives for anti-malarial chemotherapy. <i>Malaria Journal</i> , <b>2015</b> , 14, 169	3.6	16
138	Perfusion Intensity Correlates with Expression Levels of Psoriasis-Related Genes and Proteins. <i>Skin Pharmacology and Physiology</i> , <b>2015</b> , 28, 296-306	3	5
137	Chemical biology tools to study pantetheinases of the vanin family. <i>Biochemical Society Transactions</i> , <b>2014</b> , 42, 1052-5	5.1	8
136	Immune responses to stress in rheumatoid arthritis and psoriasis. <i>Rheumatology</i> , <b>2014</b> , 53, 1844-8	3.9	18
135	Absent in Melanoma 2 is predominantly present in primary melanoma and primary squamous cell carcinoma, but largely absent in metastases of both tumors. <i>Journal of the American Academy of Dermatology</i> , <b>2014</b> , 71, 1012-5	4.5	7
134	Crosstalk between keratinocytes and T cells in a 3D microenvironment: a model to study inflammatory skin diseases. <i>Journal of Investigative Dermatology</i> , <b>2014</b> , 134, 719-727	4.3	86
133	PPAR-alpha dependent regulation of vanin-1 mediates hepatic lipid metabolism. <i>Journal of Hepatology</i> , <b>2014</b> , 61, 366-72	13.4	48
132	Genotype-phenotype correlations in a prospective cohort study of paediatric plaque psoriasis: lack of correlation between HLA-C*06 and family history of psoriasis. <i>Acta Dermato-Venereologica</i> , <b>2014</b> , 94, 667-71	2.2	11
131	Analysis of protein-protein interaction between late cornified envelope proteins and corneodesmosin. <i>Experimental Dermatology</i> , <b>2014</b> , 23, 769-71	4	5
130	Skin microbiome imbalance in patients with STAT1/STAT3 defects impairs innate host defense responses. <i>Journal of Innate Immunity</i> , <b>2014</b> , 6, 253-62	6.9	67
129	An in vitro wound healing model for evaluation of dermal substitutes. <i>Wound Repair and Regeneration</i> , <b>2013</b> , 21, 890-6	3.6	25
128	Discovery of small molecule vanin inhibitors: new tools to study metabolism and disease. <i>ACS Chemical Biology</i> , <b>2013</b> , 8, 530-4	4.9	34
127	Compound heterozygous mutations of the TNXB gene cause primary myopathy. <i>Neuromuscular Disorders</i> , <b>2013</b> , 23, 664-9	2.9	26
126	Co-culture of healthy human keratinocytes and T-cells promotes keratinocyte chemokine production and ROR $\gamma$ -positive IL-17 producing T-cell populations. <i>Journal of Dermatological Science</i> , <b>2013</b> , 69, 44-53	4.3	17

125	PS4 - 6. Hepatic vanin-1 is highly induced by PPAR-alpha and a key mediator of hepatic lipid metabolism in the fasted state. <i>Nederlands Tijdschrift Voor Diabetologie</i> , <b>2013</b> , 11, 197-198	0	
124	Microbiome and skin diseases. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2013</b> , 13, 514-20	3.3	104
123	APR-246/PRIMA-1(MET) rescues epidermal differentiation in skin keratinocytes derived from EEC syndrome patients with p63 mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 2157-62	11.5	31
122	Sustained efficacy of the monoclonal anti-interleukin-1 beta antibody canakinumab in a 9-month trial in Schnitzler's syndrome. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, 1634-8	2.4	77
121	Combination of pantothenamides with vanin inhibitors as a novel antibiotic strategy against gram-positive bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 4794-800	5.9	26
120	Coal tar induces AHR-dependent skin barrier repair in atopic dermatitis. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 917-27	15.9	197
119	Pattern recognition receptors in infectious skin diseases. <i>Microbes and Infection</i> , <b>2012</b> , 14, 881-93	9.3	21
118	Microbiome dynamics of human epidermis following skin barrier disruption. <i>Genome Biology</i> , <b>2012</b> , 13, R101	18.3	153
117	Genetics of psoriasis: evidence for epistatic interaction between skin barrier abnormalities and immune deviation. <i>Journal of Investigative Dermatology</i> , <b>2012</b> , 132, 2320-2331	4.3	70
116	Cystatin M/E knockdown by lentiviral delivery of shRNA impairs epidermal morphogenesis of human skin equivalents. <i>Experimental Dermatology</i> , <b>2012</b> , 21, 889-91	4	6
115	Strong induction of AIM2 expression in human epidermis in acute and chronic inflammatory skin conditions. <i>Experimental Dermatology</i> , <b>2012</b> , 21, 961-4	4	53
114	Identification of 15 new psoriasis susceptibility loci highlights the role of innate immunity. <i>Nature Genetics</i> , <b>2012</b> , 44, 1341-8	36.3	681
113	Pattern recognition receptors in immune disorders affecting the skin. <i>Journal of Innate Immunity</i> , <b>2012</b> , 4, 225-40	6.9	11
112	A replication study of the association between rheumatoid arthritis and deletion of the late cornified envelope genes LCE3B and LCE3C. <i>PLoS ONE</i> , <b>2012</b> , 7, e32045	3.7	6
111	Construction of a microstructured collagen membrane mimicking the papillary dermis architecture and guiding keratinocyte morphology and gene expression. <i>Macromolecular Bioscience</i> , <b>2012</b> , 12, 675-91	5.5	16
110	Koebner phenomenon in psoriasis is not associated with deletion of late cornified envelope genes LCE3B and LCE3C. <i>Journal of Investigative Dermatology</i> , <b>2012</b> , 132, 475-6	4.3	6
109	Association of defensin copy number and psoriasis in three cohorts of European origin. <i>Journal of Investigative Dermatology</i> , <b>2012</b> , 132, 2407-2413	4.3	45
108	Well-defined clinical presentation of Ehlers-Danlos syndrome in patients with tenascin-X deficiency: a report of four cases. <i>Clinical Dysmorphology</i> , <b>2012</b> , 21, 15-18	0.9	21

107	Extraction and structural analysis of glycosaminoglycans from formalin-fixed, paraffin-embedded tissues. <i>Glycobiology</i> , <b>2012</b> , 22, 1666-72	5.8	7
106	Rho kinase inhibitor Y-27632 prolongs the life span of adult human keratinocytes, enhances skin equivalent development, and facilitates lentiviral transduction. <i>Tissue Engineering - Part A</i> , <b>2012</b> , 18, 1827-36	3.9	25
105	Successful canakinumab treatment identifies IL-1 $\beta$ as a pivotal mediator in Schnitzler syndrome. <i>Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 128, 1352-4	11.5	42
104	Psoriasis risk genes of the late cornified envelope-3 group are distinctly expressed compared with genes of other LCE groups. <i>American Journal of Pathology</i> , <b>2011</b> , 178, 1470-7	5.8	75
103	Type 2 helper T-cell cytokines induce morphologic and molecular characteristics of atopic dermatitis in human skin equivalent. <i>American Journal of Pathology</i> , <b>2011</b> , 178, 2091-9	5.8	42
102	A proteomics platform combining depletion, multi-lectin affinity chromatography (M-LAC), and isoelectric focusing to study the breast cancer proteome. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 4845-54	7.8	111
101	An overview of methods for the in vivo evaluation of tissue-engineered skin constructs. <i>Tissue Engineering - Part B: Reviews</i> , <b>2011</b> , 17, 33-55	7.9	26
100	Epidermal expression of host response genes upon skin barrier disruption in normal skin and uninvolved skin of psoriasis and atopic dermatitis patients. <i>Journal of Investigative Dermatology</i> , <b>2011</b> , 131, 263-6	4.3	29
99	Synthesis and characterization of non-viral liposomal carriers for the local application of siRNA molecules and anti-miRNAs in the therapeutic treatment of psoriasis. <i>Journal of Translational Medicine</i> , <b>2011</b> , 9,	8.5	78
98	Accuracy and differential bias in copy number measurement of CCL3L1 in association studies with three auto-immune disorders. <i>BMC Genomics</i> , <b>2011</b> , 12, 418	4.5	30
97	Meta-analysis confirms the LCE3C_LCE3B deletion as a risk factor for psoriasis in several ethnic groups and finds interaction with HLA-Cw6. <i>Journal of Investigative Dermatology</i> , <b>2011</b> , 131, 1105-9	4.3	79
96	A genome-wide association study identifies new psoriasis susceptibility loci and an interaction between HLA-C and ERAP1. <i>Nature Genetics</i> , <b>2010</b> , 42, 985-90	36.3	773
95	The cystatin M/E-cathepsin L balance is essential for tissue homeostasis in epidermis, hair follicles, and cornea. <i>FASEB Journal</i> , <b>2010</b> , 24, 3744-55	0.9	31
94	Deletion of Late Cornified Envelope 3B and 3C genes is not associated with atopic dermatitis. <i>Journal of Investigative Dermatology</i> , <b>2010</b> , 130, 2057-61	4.3	24
93	Replication of LCE3C-LCE3B CNV as a risk factor for psoriasis and analysis of interaction with other genetic risk factors. <i>Journal of Investigative Dermatology</i> , <b>2010</b> , 130, 979-84	4.3	52
92	A comprehensive analysis of pattern recognition receptors in normal and inflamed human epidermis: upregulation of dectin-1 in psoriasis. <i>Journal of Investigative Dermatology</i> , <b>2010</b> , 130, 2611-20	4.3	52
91	Keratinocytes drive melanoma invasion in a reconstructed skin model. <i>Melanoma Research</i> , <b>2010</b> , 20, 372-80	3.3	25
90	Neuromuscular involvement in various types of Ehlers-Danlos syndrome. <i>Annals of Neurology</i> , <b>2009</b> , 65, 687-97	9.4	120

89	Colocalization of cystatin M/E and its target proteases suggests a role in terminal differentiation of human hair follicle and nail. <i>Journal of Investigative Dermatology</i> , <b>2009</b> , 129, 1232-42	4.3	16
88	Effect of daily stressors on psoriasis: a prospective study. <i>Journal of Investigative Dermatology</i> , <b>2009</b> , 129, 2075-7	4.3	33
87	The biology of cystatin M/E and its cognate target proteases. <i>Journal of Investigative Dermatology</i> , <b>2009</b> , 129, 1327-38	4.3	47
86	Expression of the vanin gene family in normal and inflamed human skin: induction by proinflammatory cytokines. <i>Journal of Investigative Dermatology</i> , <b>2009</b> , 129, 2167-74	4.3	47
85	Deletion of the late cornified envelope LCE3B and LCE3C genes as a susceptibility factor for psoriasis. <i>Nature Genetics</i> , <b>2009</b> , 41, 211-5	36.3	405
84	Beta-defensin-2 protein is a serum biomarker for disease activity in psoriasis and reaches biologically relevant concentrations in lesional skin. <i>PLoS ONE</i> , <b>2009</b> , 4, e4725	3.7	124
83	Psoriasis is associated with increased beta-defensin genomic copy number. <i>Nature Genetics</i> , <b>2008</b> , 40, 23-5	36.3	519
82	Development and validation of human psoriatic skin equivalents. <i>American Journal of Pathology</i> , <b>2008</b> , 173, 815-23	5.8	98
81	Attenuation of melanoma invasion by a secreted variant of activated leukocyte cell adhesion molecule. <i>Cancer Research</i> , <b>2008</b> , 68, 3671-9	10.1	58
80	A novel translation re-initiation mechanism for the p63 gene revealed by amino-terminal truncating mutations in Rapp-Hodgkin/Hay-Wells-like syndromes. <i>Human Molecular Genetics</i> , <b>2008</b> , 17, 1968-77	5.6	43
79	Drosomycin-like defensin, a human homologue of <i>Drosophila melanogaster</i> drosomycin with antifungal activity. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2008</b> , 52, 1407-12	5.9	27
78	Genetically programmed differences in epidermal host defense between psoriasis and atopic dermatitis patients. <i>PLoS ONE</i> , <b>2008</b> , 3, e2301	3.7	36
77	Analysis of obstetric complications and uterine connective tissue in tenascin-X-deficient humans and mice. <i>Cell and Tissue Research</i> , <b>2008</b> , 332, 523-32	4.2	23
76	Increased angiogenesis and blood vessel maturation in acellular collagen-heparin scaffolds containing both FGF2 and VEGF. <i>Biomaterials</i> , <b>2007</b> , 28, 1123-31	15.6	360
75	Colocalization of cystatin M/E and cathepsin V in lamellar granules and corneodesmosomes suggests a functional role in epidermal differentiation. <i>Journal of Investigative Dermatology</i> , <b>2007</b> , 127, 120-8	4.3	36
74	Cross-linking of elafin/SKALP to elastic fibers in photodamaged skin: too much of a good thing?. <i>Journal of Investigative Dermatology</i> , <b>2007</b> , 127, 1286-7	4.3	6
73	Increased expression of carbonic anhydrase II (CA II) in lesional skin of atopic dermatitis: regulation by Th2 cytokines. <i>Journal of Investigative Dermatology</i> , <b>2007</b> , 127, 1786-9	4.3	24
72	Interactions of human tenascin-X domains with dermal extracellular matrix molecules. <i>Archives of Dermatological Research</i> , <b>2007</b> , 298, 389-96	3.3	47

71	Wound healing in tenascin-X deficient mice suggests that tenascin-X is involved in matrix maturation rather than matrix deposition. <i>Connective Tissue Research</i> , <b>2007</b> , 48, 93-8	3.3	44
70	Accurate, high-throughput typing of copy number variation using paralogue ratios from dispersed repeats. <i>Nucleic Acids Research</i> , <b>2007</b> , 35, e19	20.1	113
69	A molecular signature of epithelial host defense: comparative gene expression analysis of cultured bronchial epithelial cells and keratinocytes. <i>BMC Genomics</i> , <b>2006</b> , 7, 9	4.5	7
68	Cystatin M/E is a high affinity inhibitor of cathepsin V and cathepsin L by a reactive site that is distinct from the legumain-binding site. A novel clue for the role of cystatin M/E in epidermal cornification. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 15893-9	5.4	84
67	Abdominal aortic aneurysm is associated with high serum levels of tenascin-X and decreased aneurysmal tissue tenascin-X. <i>Circulation</i> , <b>2006</b> , 113, 1702-7	16.7	14
66	Identification of avarol derivatives as potential antipsoriatic drugs using an in vitro model for keratinocyte growth and differentiation. <i>Life Sciences</i> , <b>2006</b> , 79, 2395-404	6.8	21
65	Host defense effector molecules in mucosal secretions. <i>FEMS Immunology and Medical Microbiology</i> , <b>2005</b> , 45, 151-8		36
64	Transcriptional response of bronchial epithelial cells to <i>Pseudomonas aeruginosa</i> : identification of early mediators of host defense. <i>Physiological Genomics</i> , <b>2005</b> , 21, 324-36	3.6	73
63	Phenotypical and functional differences in germinative subpopulations derived from normal and psoriatic epidermis. <i>Journal of Investigative Dermatology</i> , <b>2005</b> , 124, 373-83	4.3	40
62	High expression levels of keratinocyte antimicrobial proteins in psoriasis compared with atopic dermatitis. <i>Journal of Investigative Dermatology</i> , <b>2005</b> , 125, 1163-73	4.3	211
61	Tenascin-X, collagen, elastin, and the Ehlers-Danlos syndrome. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , <b>2005</b> , 139C, 24-30	3.1	86
60	Transplantation of reconstructed human skin on nude mice: a model system to study expression of human tenascin-X and elastic fiber components. <i>Cell and Tissue Research</i> , <b>2005</b> , 319, 279-87	4.2	9
59	Serial analysis of gene expression in human keratinocytes and epidermis. <i>Methods in Molecular Biology</i> , <b>2005</b> , 289, 383-98	1.4	
58	Evidence that unrestricted legumain activity is involved in disturbed epidermal cornification in cystatin M/E deficient mice. <i>Human Molecular Genetics</i> , <b>2004</b> , 13, 1069-79	5.6	40
57	Functional characterization of beta1-integrin-positive epidermal cell populations. <i>Acta Dermato-Venereologica</i> , <b>2004</b> , 84, 265-70	2.2	2
56	Human single-chain antibodies reactive with native chondroitin sulfate detect chondroitin sulfate alterations in melanoma and psoriasis. <i>Journal of Investigative Dermatology</i> , <b>2004</b> , 122, 707-16	4.3	58
55	Deficiency of tenascin-X causes abnormalities in dermal elastic fiber morphology. <i>Journal of Investigative Dermatology</i> , <b>2004</b> , 122, 885-91	4.3	64
54	Hypertrophic scar formation is associated with an increased number of epidermal Langerhans cells. <i>Journal of Pathology</i> , <b>2004</b> , 202, 121-9	9.4	71



53	Joint hypermobility syndromes: the pathophysiologic role of tenascin-X gene defects. <i>Arthritis and Rheumatism</i> , <b>2004</b> , 50, 2742-9		75
52	Transcriptomics and proteomics of human skin. <i>Briefings in Functional Genomics &amp; Proteomics</i> , <b>2003</b> , 1, 326-41		14
51	Comparison of antiproliferative effects of experimental and established antipsoriatic drugs on human keratinocytes, using a simple 96-well-plate assay. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2003</b> , 39, 36-42	2.6	42
50	Transcriptional regulation of the elafin gene in human keratinocytes. <i>Journal of Investigative Dermatology</i> , <b>2003</b> , 120, 301-7	4.3	17
49	The human cystatin M/E gene (CST6): exclusion candidate gene for harlequin ichthyosis. <i>Journal of Investigative Dermatology</i> , <b>2003</b> , 121, 65-8	4.3	11
48	Tumor necrosis factor related apoptosis inducing ligand triggers apoptosis in dividing but not in differentiating human epidermal keratinocytes. <i>Journal of Investigative Dermatology</i> , <b>2003</b> , 121, 1433-9	4.3	24
47	Haploinsufficiency of TNXB is associated with hypermobility type of Ehlers-Danlos syndrome. <i>American Journal of Human Genetics</i> , <b>2003</b> , 73, 214-7	11	162
46	A simple technique for high-throughput screening of drugs that modulate normal and psoriasis-like differentiation in cultured human keratinocytes. <i>Skin Pharmacology and Physiology</i> , <b>2002</b> , 15, 252-61	3	17
45	Differential gene expression in premalignant human epidermis revealed by cluster analysis of serial analysis of gene expression (SAGE) libraries. <i>FASEB Journal</i> , <b>2002</b> , 16, 246-8	0.9	23
44	Development of a keratinocyte-based screening model for antipsoriatic drugs using green fluorescent protein under the control of an endogenous promoter. <i>Journal of Biomolecular Screening</i> , <b>2002</b> , 7, 325-32		10
43	A null mutation in the cystatin M/E gene of ichq mice causes juvenile lethality and defects in epidermal cornification. <i>Human Molecular Genetics</i> , <b>2002</b> , 11, 2867-75	5.6	56
42	A partial transcriptome of human epidermis. <i>Genomics</i> , <b>2002</b> , 79, 671-8	4.3	34
41	Development and application of monoclonal antibodies against SKALP/elafin and other trappin family members. <i>Archives of Dermatological Research</i> , <b>2001</b> , 293, 343-9	3.3	13
40	Serial analysis of gene expression in differentiated cultures of human epidermal keratinocytes. <i>Journal of Investigative Dermatology</i> , <b>2001</b> , 116, 12-22	4.3	25
39	Cystatin M/E expression is restricted to differentiated epidermal keratinocytes and sweat glands: a new skin-specific proteinase inhibitor that is a target for cross-linking by transglutaminase. <i>Journal of Investigative Dermatology</i> , <b>2001</b> , 116, 693-701	4.3	80
38	Keratinocyte-derived growth factors play a role in the formation of hypertrophic scars. <i>Journal of Pathology</i> , <b>2001</b> , 194, 207-16	9.4	114
37	In situ demonstration of phosphorylated c-jun and p38 MAP kinase in epidermal keratinocytes following ultraviolet B irradiation of human skin. <i>Journal of Pathology</i> , <b>2001</b> , 193, 248-55	9.4	47
36	A recessive form of the Ehlers-Danlos syndrome caused by tenascin-X deficiency. <i>New England Journal of Medicine</i> , <b>2001</b> , 345, 1167-75	59.2	321

35	Regulation of SLPI and elafin release from bronchial epithelial cells by neutrophil defensins. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2000</b> , 278, L51-8	5.8	78
34	The trappin gene family: proteins defined by an N-terminal transglutaminase substrate domain and a C-terminal four-disulphide core. <i>Biochemical Journal</i> , <b>1999</b> , 340, 569-577	3.8	158
33	On the nature of hypertrophic scars and keloids: a review. <i>Plastic and Reconstructive Surgery</i> , <b>1999</b> , 104, 1435-58	2.7	667
32	The trappin gene family: proteins defined by an N-terminal transglutaminase substrate domain and a C-terminal four-disulphide core. <i>Biochemical Journal</i> , <b>1999</b> , 340, 569	3.8	54
31	Hypertrophic scarring is associated with epidermal abnormalities: an immunohistochemical study. <i>Journal of Pathology</i> , <b>1998</b> , 186, 192-200	9.4	46
30	Flow cytometric and microscopic characterization of the uptake and distribution of phosphorothioate oligonucleotides in human keratinocytes. <i>Archives of Dermatological Research</i> , <b>1998</b> , 290, 119-25	3.3	20
29	Differential effects of detergents on keratinocyte gene expression. <i>Journal of Investigative Dermatology</i> , <b>1998</b> , 110, 358-63	4.3	42
28	Induction of SLPI (ALP/HUSI-I) in epidermal keratinocytes. <i>Journal of Investigative Dermatology</i> , <b>1998</b> , 111, 996-1002	4.3	89
27	Tenascin-C expression in human epidermal keratinocytes is regulated by inflammatory cytokines and a stress response pathway. <i>Matrix Biology</i> , <b>1998</b> , 17, 305-16	11.4	26
26	SKALP/elafin gene polymorphisms are not associated with pustular forms of psoriasis. <i>Clinical Genetics</i> , <b>1998</b> , 54, 96-101	4	5
25	Identification and sequence analysis of two new members of the SKALP/elafin and SPAI-2 gene family. Biochemical properties of the transglutaminase substrate motif and suggestions for a new nomenclature. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 20471-8	5.4	37
24	Transcription factor C/EBPalpha: novel sites of expression and cloning of the human gene. <i>Biological Chemistry</i> , <b>1997</b> , 378, 373-9	4.5	27
23	Human epidermal keratinocytes are a source of tenascin-C during wound healing. <i>Journal of Investigative Dermatology</i> , <b>1997</b> , 108, 776-83	4.3	39
22	Basal membrane heparan sulphate proteoglycan expression during wound healing in human skin. <i>Journal of Pathology</i> , <b>1997</b> , 183, 264-71	9.4	14
21	An immunohistochemical study on mild skin irritation induced by a single application of a low-molarity sodium dodecyl sulfate solution: keys to the prevention of irritant contact dermatitis. <i>Current Problems in Dermatology</i> , <b>1996</b> , 25, 67-77		2
20	Expression of SKALP/elafin during wound healing in human skin. <i>Archives of Dermatological Research</i> , <b>1996</b> , 288, 458-62	3.3	49
19	Skin-derived antileukoproteinase (SKALP) is decreased in pustular forms of psoriasis. A clue to the pathogenesis of pustule formation?. <i>Archives of Dermatological Research</i> , <b>1996</b> , 288, 641-7	3.3	13
18	Changes in keratinocyte differentiation following mild irritation by sodium dodecyl sulphate. <i>Archives of Dermatological Research</i> , <b>1996</b> , 288, 684-90	3.3	43

17	Tenascin expression during wound healing in human skin. <i>Journal of Pathology</i> , <b>1996</b> , 178, 30-5	9.4	73
16	Induction of normal and psoriatic phenotypes in submerged keratinocyte cultures. <i>Journal of Cellular Physiology</i> , <b>1996</b> , 168, 442-52	7	51
15	Increased elafin expression in cystic, dysplastic and neoplastic oral tissues. <i>Journal of Oral Pathology and Medicine</i> , <b>1996</b> , 25, 135-9	3.3	13
14	Protein-tyrosine phosphatases expressed in mouse epidermal keratinocytes. <i>Journal of Investigative Dermatology</i> , <b>1996</b> , 106, 972-6	4.3	6
13	Expression of SKALP/elafin during wound healing in human skin <b>1996</b> , 288, 458		3
12	Changes in keratinocyte differentiation following mild irritation by sodium dodecyl sulphate <b>1996</b> , 288, 684		7
11	Induction of normal and psoriatic phenotypes in submerged keratinocyte cultures <b>1996</b> , 168, 442		3
10	Levels of skin-derived antileukoproteinase (SKALP)/elafin in serum correlate with disease activity during treatment of severe psoriasis with cyclosporin A. <i>Journal of Investigative Dermatology</i> , <b>1995</b> , 104, 189-93	4.3	28
9	Demonstration of skin-derived antileukoproteinase (SKALP) and its target enzyme human leukocyte elastase in squamous cell carcinoma. <i>Journal of Pathology</i> , <b>1994</b> , 174, 121-9	9.4	27
8	Lack of albuminuria in the early heterologous phase of anti-GBM nephritis in beige mice. <i>Kidney International</i> , <b>1993</b> , 43, 824-7	9.9	10
7	Demonstration of skin-derived antileukoproteinase (SKALP) in urine of psoriatic patients. <i>Journal of Investigative Dermatology</i> , <b>1992</b> , 99, 3-7	4.3	20
6	Ratiometric measurement of intracellular pH in cultured human keratinocytes using carboxy-SNARF-1 and flow cytometry. <i>Cytometry</i> , <b>1991</b> , 12, 127-32		58
5	Skin-derived antileukoproteinase (SKALP), an elastase inhibitor from human keratinocytes. Purification and biochemical properties. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>1991</b> , 1096, 148-54	6.9	46
4	Insulin-like growth factor stimulation of chondrocyte proteoglycan synthesis by human synovial fluid. <i>Arthritis and Rheumatism</i> , <b>1989</b> , 32, 66-71		121
3	Age- and sex-related differences in antigen-induced arthritis in C57Bl/10 mice. <i>Arthritis and Rheumatism</i> , <b>1989</b> , 32, 789-94		15
2	An experimental model for hydrogen peroxide-induced tissue damage. Effects of a single inflammatory mediator on (peri)articular tissues. <i>Arthritis and Rheumatism</i> , <b>1986</b> , 29, 532-8		88
1	Antimalarial pantothenamide metabolites target acetyl-CoA synthesis in <i>Plasmodium falciparum</i>		1