Joost Schalkwijk

List of Publications by Year
in descending order

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177	13,037	28242	25770
papers	citations	55 h-index	108 g-index

181	181	181	16400
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A genome-wide association study identifies new psoriasis susceptibility loci and an interaction between HLA-C and ERAP1. Nature Genetics, 2010, 42, 985-990.	9.4	918
2	Identification of 15 new psoriasis susceptibility loci highlights the role of innate immunity. Nature Genetics, 2012, 44, 1341-1348.	9.4	848
3	On the Nature of Hypertrophic Scars and Keloids: A Review. Plastic and Reconstructive Surgery, 1999, 104, 1435-1458.	0.7	763
4	Psoriasis is associated with increased Î²-defensin genomic copy number. Nature Genetics, 2008, 40, 23-25.	9.4	587
5	A guiding map for inflammation. Nature Immunology, 2017, 18, 826-831.	7.0	506
6	Deletion of the late cornified envelope LCE3B and LCE3C genes as a susceptibility factor for psoriasis. Nature Genetics, 2009, 41, 211-215.	9.4	482
7	Increased angiogenesis and blood vessel maturation in acellular collagenâ€“heparin scaffolds containing both FGF2 and VEGF. Biomaterials, 2007, 28, 1123-1131.	5.7	394
8	A Recessive Form of the Ehlersâ€“Danlos Syndrome Caused by Tenascin-X Deficiency. New England Journal of Medicine, 2001, 345, 1167-1175.	13.9	358
9	High Expression Levels of Keratinocyte Antimicrobial Proteins in Psoriasis Compared with Atopic Dermatitis. Journal of Investigative Dermatology, 2005, 125, 1163-1173.	0.3	262
10	Coal tar induces AHR-dependent skin barrier repair in atopic dermatitis. Journal of Clinical Investigation, 2013, 123, 917-27.	3.9	256
11	Microbe-host interplay in atopic dermatitis and psoriasis. Nature Communications, 2019, 10, 4703.	5.8	217
12	Microbiome dynamics of human epidermis following skin barrier disruption. Genome Biology, 2012, 13, R101.	13.9	201
13	Haploinsufficiency of TNXB Is Associated with Hypermobility Type of Ehlers-Danlos Syndrome. American Journal of Human Genetics, 2003, 73, 214-217.	2.6	194
14	The trappin gene family: proteins defined by an N-terminal transglutaminase substrate domain and a C-terminal four-disulphide core. Biochemical Journal, 1999, 340, 569-577.	1.7	170
15	Î²-Defensin-2 Protein Is a Serum Biomarker for Disease Activity in Psoriasis and Reaches Biologically Relevant Concentrations in Lesional Skin. PLoS ONE, 2009, 4, e4725.	1.1	151
16	Neuromuscular involvement in various types of Ehlersâ€“Danlos syndrome. Annals of Neurology, 2009, 65, 687-697.	2.8	141
17	Microbiome and skin diseases. Current Opinion in Allergy and Clinical Immunology, 2013, 13, 514-520.	1.1	138
18	Transcription factor p63 bookmarks and regulates dynamic enhancers during epidermal differentiation. EMBO Reports, 2015, 16, 863-878.	2.0	134

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19	Insulin-like growth factor stimulation of chondrocyte proteoglycan synthesis by human synovial fluid. Arthritis and Rheumatism, 1989, 32, 66-71.	6.7	131
20	Immortalized N/TERT keratinocytes as an alternative cell source in 3D human epidermal models. Scientific Reports, 2017, 7, 11838.	1.6	130
21	Keratinocyte-derived growth factors play a role in the formation of hypertrophic scars. Journal of Pathology, 2001, 194, 207-216.	2.1	128
22	Accurate, high-throughput typing of copy number variation using paralogue ratios from dispersed repeats. Nucleic Acids Research, 2007, 35, e19-e19.	6.5	128
23	Development and Validation of Human Psoriatic Skin Equivalents. American Journal of Pathology, 2008, 173, 815-823.	1.9	121
24	A Proteomics Platform Combining Depletion, Multi-lectin Affinity Chromatography (M-LAC), and Isoelectric Focusing to Study the Breast Cancer Proteome. Analytical Chemistry, 2011, 83, 4845-4854.	3.2	121
25	Crosstalk between Keratinocytes and T Cells in a 3D Microenvironment: A Model to Study Inflammatory Skin Diseases. Journal of Investigative Dermatology, 2014, 134, 719-727.	0.3	120
26	Myeloid lineageâ€“restricted somatic mosaicism of NLRP3 mutations in patients with variant Schnitzler syndrome. Journal of Allergy and Clinical Immunology, 2015, 135, 561-564.e4.	1.5	115
27	Regulation of SLPI and elafin release from bronchial epithelial cells by neutrophil defensins. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 278, L51-L58.	1.3	104
28	Tenascin-X, collagen, elastin, and the Ehlers-Danlos syndrome. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2005, 139C, 24-30.	0.7	100
29	Induction of SLPI (ALP/HUSI-I) in Epidermal Keratinocytes. Journal of Investigative Dermatology, 1998, 111, 996-1002.	0.3	99
30	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. Journal of Biological Chemistry, 2006, 281, 15893-15899.	1.6	99
31	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. Journal of Investigative Dermatology, 2001, 116, 693-701.	0.3	94
32	An experimental model for hydrogen peroxideâ€“induced tissue damage. Effects of a single inflammatory mediator on (peri)articular tissues. Arthritis and Rheumatism, 1986, 29, 532-538.	6.7	93
33	Psoriasis Risk Genes of the Late Cornified Envelope-3 Group Are Distinctly Expressed Compared with Genes of Other LCE Groups. American Journal of Pathology, 2011, 178, 1470-1477.	1.9	90
34	Sustained efficacy of the monoclonal anti-interleukin-1 beta antibody canakinumab in a 9-month trial in Schnitzler's syndrome. Annals of the Rheumatic Diseases, 2013, 72, 1634-1638.	0.5	90
35	Hypertrophic scar formation is associated with an increased number of epidermal Langerhans cells. Journal of Pathology, 2004, 202, 121-129.	2.1	89
36	Meta-Analysis Confirms the LCE3C_LCE3B Deletion as a Risk Factor for Psoriasis in Several Ethnic Groups and Finds Interaction with HLA-Cw6. Journal of Investigative Dermatology, 2011, 131, 1105-1109.	0.3	89

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37	Genetics of Psoriasis: Evidence for Epistatic Interaction between Skin Barrier Abnormalities and Immune Deviation. Journal of Investigative Dermatology, 2012, 132, 2320-2331.	0.3	88
38	Genetic and Pharmacological Analysis Identifies a Physiological Role for the AHR in Epidermal Differentiation. Journal of Investigative Dermatology, 2015, 135, 1320-1328.	0.3	86
39	Skin Microbiome Imbalance in Patients with STAT1/STAT3 Defects Impairs Innate Host Defense Responses. Journal of Innate Immunity, 2014, 6, 253-262.	1.8	83
40	Joint hypermobility syndromes: The pathophysiologic role of tenascin-X gene defects. Arthritis and Rheumatism, 2004, 50, 2742-2749.	6.7	82
41	Transcriptional response of bronchial epithelial cells to Pseudomonas aeruginosa: identification of early mediators of host defense. Physiological Genomics, 2005, 21, 324-336.	1.0	77
42	TENASCIN EXPRESSION DURING WOUND HEALING IN HUMAN SKIN. Journal of Pathology, 1996, 178, 30-35.	2.1	75
43	Strong induction of <scp>AIM</scp>2 expression in human epidermis in acute and chronic inflammatory skin conditions. Experimental Dermatology, 2012, 21, 961-964.	1.4	71
44	Deficiency of Tenascin-X Causes Abnormalities in Dermal Elastic Fiber Morphology. Journal of Investigative Dermatology, 2004, 122, 885-891.	0.3	70
45	Expression of the Vanin Gene Family in Normal and Inflamed Human Skin: Induction by Proinflammatory Cytokines. Journal of Investigative Dermatology, 2009, 129, 2167-2174.	0.3	68
46	A Comprehensive Analysis of Pattern Recognition Receptors in Normal and Inflamed Human Epidermis: Upregulation of Dectin-1 in Psoriasis. Journal of Investigative Dermatology, 2010, 130, 2611-2620.	0.3	68
47	Human Single-Chain Antibodies Reactive with Native Chondroitin Sulfate Detect Chondroitin Sulfate Alterations in Melanoma and Psoriasis. Journal of Investigative Dermatology, 2004, 122, 707-716.	0.3	65
48	The trappin gene family: proteins defined by an N-terminal transglutaminase substrate domain and a C-terminal four-disulphide core. Biochemical Journal, 1999, 340, 569.	1.7	65
49	Ratiometric measurement of intracellular pH in cultured human keratinocytes using carboxy-SNARF-1 and flow cytometry. Cytometry, 1991, 12, 127-132.	1.8	64
50	A null mutation in the cystatin M/E gene of ichq mice causes juvenile lethality and defects in epidermal cornification. Human Molecular Genetics, 2002, 11, 2867-2875.	1.4	64
51	PPAR-alpha dependent regulation of vanin-1 mediates hepatic lipid metabolism. Journal of Hepatology, 2014, 61, 366-372.	1.8	64
52	Induction of normal and psoriatic phenotypes in submerged keratinocyte cultures. , 1996, 168, 442-452.		62
53	Attenuation of Melanoma Invasion by a Secreted Variant of Activated Leukocyte Cell Adhesion Molecule. Cancer Research, 2008, 68, 3671-3679.	0.4	61
54	Replication of LCE3Câ€“LCE3B CNV as a Risk Factor for Psoriasis and Analysis of Interaction with Other Genetic Risk Factors. Journal of Investigative Dermatology, 2010, 130, 979-984.	0.3	61

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55	Type 2 Helper T-Cell Cytokines Induce Morphologic and Molecular Characteristics of Atopic Dermatitis in Human Skin Equivalent. American Journal of Pathology, 2011, 178, 2091-2099.	1.9	61
56	Antimalarial pantothenamide metabolites target acetylâ€“coenzyme A biosynthesis in Plasmodium falciparum. Science Translational Medicine, 2019, 11, .	5.8	59
57	The Biology of Cystatin M/E and its Cognate Target Proteases. Journal of Investigative Dermatology, 2009, 129, 1327-1338.	0.3	57
58	Gram-positive anaerobe cocci are underrepresented in the microbiome of filaggrin-deficient human skin. Journal of Allergy and Clinical Immunology, 2017, 139, 1368-1371.	1.5	57
59	Targeting the Cutaneous Microbiota in Atopic Dermatitis by Coal Tar via AHR-Dependent Induction of Antimicrobial Peptides. Journal of Investigative Dermatology, 2020, 140, 415-424.e10.	0.3	57
60	Hypertrophic scarring is associated with epidermal abnormalities: an immunohistochemical study. , 1998, 186, 192-200.		56
61	In situ demonstration of phosphorylated c-jun and p38 MAP kinase in epidermal keratinocytes following ultraviolet B irradiation of human skin. Journal of Pathology, 2001, 193, 248-255.	2.1	56
62	Skin-derived antileukoproteinase (SKALP), an elastase inhibitor from human keratinocytes. Purification and biochemical properties. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1991, 1096, 148-154.	1.8	55
63	A novel translation re-initiation mechanism for the p63 gene revealed by amino-terminal truncating mutations in Rapp-Hodgkin/Hay-Wells-like syndromes. Human Molecular Genetics, 2008, 17, 1968-1977.	1.4	53
64	Effect of Daily Stressors on Psoriasis: A Prospective Study. Journal of Investigative Dermatology, 2009, 129, 2075-2077.	0.3	53
65	Psoriasis-Associated Late Cornified Envelope (LCE) Proteins Have AntibacterialÂActivity. Journal of Investigative Dermatology, 2017, 137, 2380-2388.	0.3	53
66	Expression of SKALP/elafin during wound healing in human skin. Archives of Dermatological Research, 1996, 288, 458-462.	1.1	52
67	Wound Healing in Tenascin-X Deficient Mice Suggests that Tenascin-X is Involved in Matrix Maturation Rather than Matrix Deposition. Connective Tissue Research, 2007, 48, 93-98.	1.1	52
68	Interactions of human tenascin-X domains with dermal extracellular matrix molecules. Archives of Dermatological Research, 2007, 298, 389-396.	1.1	52
69	Human Epidermal Keratinocytes Are a Source of Tenascin-C during Wound Healing. Journal of Investigative Dermatology, 1997, 108, 776-783.	0.3	51
70	Association of Î²-Defensin Copy Number and Psoriasis in Three Cohorts of European Origin. Journal of Investigative Dermatology, 2012, 132, 2407-2413.	0.3	50
71	Changes in keratinocyte differentiation following mild irritation by sodium dodecyl sulphate. Archives of Dermatological Research, 1996, 288, 684-690.	1.1	49
72	Successful canakinumab treatment identifies IL-1Î² as a pivotal mediator in Schnitzler syndrome. Journal of Allergy and Clinical Immunology, 2011, 128, 1352-1354.	1.5	49

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73	Differential Effects of Detergents on Keratinocyte Gene Expression. Journal of Investigative Dermatology, 1998, 110, 358-363.	0.3	47
74	COMPARISON OF ANTIPROLIFERATIVE EFFECTS OF EXPERIMENTAL AND ESTABLISHED ANTIPSORIATIC DRUGS ON HUMAN KERATINOCYTES, USING A SIMPLE 96-WELL-PLATE ASSAY. In Vitro Cellular and Developmental Biology - Animal, 2003, 39, 36.	0.7	47
75	Identification and Sequence Analysis of Two New Members of the SKALP/elafin and SPAI-2 Gene Family. Journal of Biological Chemistry, 1997, 272, 20471-20478.	1.6	45
76	Evidence that unrestricted legumain activity is involved in disturbed epidermal cornification in cystatin M/E deficient mice. Human Molecular Genetics, 2004, 13, 1069-1079.	1.4	45
77	Phenotypical and Functional Differences in Germinative Subpopulations Derived from Normal and Psoriatic Epidermis. Journal of Investigative Dermatology, 2005, 124, 373-383.	0.3	45
78	The role of interleukin-1 beta in the pathophysiology of Schnitzlerâ€™s syndrome. Arthritis Research and Therapy, 2015, 17, 187.	1.6	45
79	Discovery of Small Molecule Vanin Inhibitors: New Tools To Study Metabolism and Disease. ACS Chemical Biology, 2013, 8, 530-534.	1.6	43
80	Reply to Meisel etÂal.. Journal of Investigative Dermatology, 2017, 137, 961-962.	0.3	43
81	Host defense effector molecules in mucosal secretions. FEMS Immunology and Medical Microbiology, 2005, 45, 151-158.	2.7	42
82	Colocalization of Cystatin M/E and Cathepsin V in Lamellar Granules and Corneodesmosomes Suggests a Functional Role in Epidermal Differentiation. Journal of Investigative Dermatology, 2007, 127, 120-128.	0.3	40
83	Genetically Programmed Differences in Epidermal Host Defense between Psoriasis and Atopic Dermatitis Patients. PLoS ONE, 2008, 3, e2301.	1.1	40
84	Epidermal equivalents of filaggrin null keratinocytes do not show impaired skin barrier function. Journal of Allergy and Clinical Immunology, 2017, 139, 1979-1981.e13.	1.5	38
85	The cystatin M/Eâ€cathepsin L balance is essential for tissue homeostasis in epidermis, hair follicles, and cornea. FASEB Journal, 2010, 24, 3744-3755.	0.2	37
86	Epidermal Expression of Host Response Genes upon Skin Barrier Disruption in Normal Skin and Uninvolved Skin of Psoriasis and Atopic Dermatitis Patients. Journal of Investigative Dermatology, 2011, 131, 263-266.	0.3	37
87	APR-246/PRIMA-1MET rescues epidermal differentiation in skin keratinocytes derived from EEC syndrome patients with p63 mutations. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2157-2162.	3.3	37
88	Genetic and pharmacological inhibition of vanin-1 activity in animal models of type 2 diabetes. Scientific Reports, 2016, 6, 21906.	1.6	37
89	A Partial Transcriptome of Human Epidermis. Genomics, 2002, 79, 671-678.	1.3	36
90	Levels of Skin-Derived Antileukoproteinase (SKALP)/Elafin in Serum Correlate with Disease Activity During Treatment of Severe Psoriasis with Cyclosporin A. Journal of Investigative Dermatology, 1995, 104, 189-193.	0.3	35

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91	Accuracy and differential bias in copy number measurement of CCL3L1 in association studies with three auto-immune disorders. BMC Genomics, 2011, 12, 418.	1.2	35
92	Duplicated Enhancer Region Increases Expression of CTSB and Segregates with Keratolytic Winter Erythema in South African and Norwegian Families. American Journal of Human Genetics, 2017, 100, 737-750.	2.6	35
93	Tenascin-C expression in human epidermal keratinocytes is regulated by inflammatory cytokines and a stress response pathway. Matrix Biology, 1998, 17, 305-316.	1.5	34
94	Drosomycin-Like Defensin, a Human Homologue ofDrosophila melanogasterDrosomycin with Antifungal Activity. Antimicrobial Agents and Chemotherapy, 2008, 52, 1407-1412.	1.4	32
95	Rho Kinase Inhibitor Y-27632 Prolongs the Life Span of Adult Human Keratinocytes, Enhances Skin Equivalent Development, and Facilitates Lentiviral Transduction. Tissue Engineering - Part A, 2012, 18, 1827-1836.	1.6	32
96	Compound heterozygous mutations of the TNXB gene cause primary myopathy. Neuromuscular Disorders, 2013, 23, 664-669.	0.3	32
97	Combination of Pantothenamides with Vanin Inhibitors as a Novel Antibiotic Strategy against Gram-Positive Bacteria. Antimicrobial Agents and Chemotherapy, 2013, 57, 4794-4800.	1.4	32
98	Keratinocytes drive melanoma invasion in a reconstructed skin model. Melanoma Research, 2010, 20, 372-380.	0.6	31
99	Demonstration of skin-derived antileukoproteinase (skalp) and its target enzyme human leukocyte elastase in squamous cell carcinoma. Journal of Pathology, 1994, 174, 121-129.	2.1	30
100	Transcription Factor C/EBPÎ±: Novel Sites of Expression and Cloning of the Human Gene. Biological Chemistry, 1997, 378, 373-9.	1.2	30
101	An in vitro wound healing model for evaluation of dermal substitutes. Wound Repair and Regeneration, 2013, 21, 890-896.	1.5	29
102	Serial Analysis of Gene Expression in Differentiated Cultures of Human Epidermal Keratinocytes. Journal of Investigative Dermatology, 2001, 116, 12-22.	0.3	28
103	Increased Expression of Carbonic Anhydrase II (CA II) in Lesional Skin of Atopic Dermatitis: Regulation by Th2 Cytokines. Journal of Investigative Dermatology, 2007, 127, 1786-1789.	0.3	28
104	An Overview of Methods for theIn VivoEvaluation of Tissue-Engineered Skin Constructs. Tissue Engineering - Part B: Reviews, 2011, 17, 33-55.	2.5	28
105	Spread of Psoriasiform Inflammation to Remote Tissues Is Restricted by the Atypical Chemokine Receptor ACKR2. Journal of Investigative Dermatology, 2017, 137, 85-94.	0.3	28
106	Differential gene expression in premalignant human epidermis revealed by cluster analysis of serial analysis of gene expression (SAGE) libraries. FASEB Journal, 2002, 16, 1-19.	0.2	27
107	Tumor Necrosis Factor Related Apoptosis Inducing Ligand Triggers Apoptosis in Dividing but not in Differentiating Human Epidermal Keratinocytes. Journal of Investigative Dermatology, 2003, 121, 1433-1439.	0.3	27
108	Analysis of obstetric complications and uterine connective tissue in tenascin-X-deficient humans and mice. Cell and Tissue Research, 2008, 332, 523-532.	1.5	25

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109	Deletion of Late Cornified Envelope 3B and 3C Genes Is Not Associated with Atopic Dermatitis. Journal of Investigative Dermatology, 2010, 130, 2057-2061.	0.3	25
110	Construction of a Microstructured Collagen Membrane Mimicking the Papillary Dermis Architecture and Guiding Keratinocyte Morphology and Gene Expression. Macromolecular Bioscience, 2012, 12, 675-691.	2.1	25
111	A thioesterase bypasses the requirement for exogenous fatty acids in the <scp>plsX</scp> deletion of <scp>S</scp>treptococcus pneumoniae. Molecular Microbiology, 2015, 96, 28-41.	1.2	25
112	Loss of Tenascin-X expression during tumor progression: A new pan-cancer marker. Matrix Biology Plus, 2020, 6-7, 100021.	1.9	25
113	Demonstration of Skin-Derived Antileukoproteinase (SKALP) in Urine of Psoriatic Patients. Journal of Investigative Dermatology, 1992, 99, 3-7.	0.3	24
114	Well-defined clinical presentation of Ehlersâ€“Danlos syndrome in patients with tenascin-X deficiency. Clinical Dysmorphology, 2012, 21, 15-18.	0.1	24
115	Transcriptional Regulation of the Elafin Gene in Human Keratinocytes. Journal of Investigative Dermatology, 2003, 120, 301-307.	0.3	23
116	Identification of avarol derivatives as potential antipsoriatic drugs using an in vitro model for keratinocyte growth and differentiation. Life Sciences, 2006, 79, 2395-2404.	2.0	23
117	Pattern recognition receptors in infectious skin diseases. Microbes and Infection, 2012, 14, 881-893.	1.0	23
118	Novel pantothenate derivatives for anti-malarial chemotherapy. Malaria Journal, 2015, 14, 169.	0.8	23
119	Flow cytometric and microscopic characterization of the uptake and distribution of phosphorothioate oligonucleotides in human keratinocytes. Archives of Dermatological Research, 1998, 290, 119-125.	1.1	22
120	An In vitro Model for Bacterial Growth on Human Stratum Corneum. Acta Dermato-Venereologica, 2016, 96, 873-879.	0.6	22
121	Basal membrane heparan sulphate proteoglycan expression during wound healing in human skin. , 1997, 183, 264-271.		21
122	Colocalization of Cystatin M/E and its Target Proteases Suggests a Role in Terminal Differentiation of Human Hair Follicle and Nail. Journal of Investigative Dermatology, 2009, 129, 1232-1242.	0.3	21
123	Co-culture of healthy human keratinocytes and T-cells promotes keratinocyte chemokine production and RORÎ³t-positive IL-17 producing T-cell populations. Journal of Dermatological Science, 2013, 69, 44-53.	1.0	21
124	Immune responses to stress in rheumatoid arthritis and psoriasis. Rheumatology, 2014, 53, 1844-1848.	0.9	20
125	Skin microbiota in health and disease: From sequencing to biology. Journal of Dermatology, 2020, 47, 1110-1118.	0.6	20
126	A Simple Technique for High-Throughput Screening of Drugs That Modulate Normal and Psoriasis-Like Differentiation in Cultured Human Keratinocytes. Skin Pharmacology and Physiology, 2002, 15, 252-261.	1.1	19

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127	The Effects of Human Beta-Defensins on Skin Cells in vitro. Dermatology, 2017, 233, 155-163.	0.9	18
128	Age- and sex-related differences in antigen-induced arthritis in c57bl/10 mice. Arthritis and Rheumatism, 1989, 32, 789-794.	6.7	17
129	Increased elafin expression in cystic, dysplastic and neoplastic oral tissues. Journal of Oral Pathology and Medicine, 1996, 25, 135-139.	1.4	16
130	The Human Cystatin M/E Gene (CST6): Exclusion Candidate Gene For Harlequin Ichthyosis. Journal of Investigative Dermatology, 2003, 121, 65-68.	0.3	16
131	Abdominal Aortic Aneurysm Is Associated With High Serum Levels of Tenascin-X and Decreased Aneurysmal Tissue Tenascin-X. Circulation, 2006, 113, 1702-1707.	1.6	16
132	Skin-derived antileukoproteinase (SKALP) is decreased in pustular forms of psoriasis. A clue to the pathogenesis of pustule formation?. Archives of Dermatological Research, 1996, 288, 641-647.	1.1	15
133	Chemical biology tools to study pantetheinases of the vanin family. Biochemical Society Transactions, 2014, 42, 1052-1055.	1.6	15
134	Antibiotics in cell culture: friend or foe? Suppression of keratinocyte growth and differentiation in monolayer cultures and 3D skin models. Experimental Dermatology, 2015, 24, 964-965.	1.4	15
135	Transcriptomics and proteomics of human skin. Briefings in Functional Genomics & Proteomics, 2003, 1, 326-341.	3.8	14
136	Lack of albuminuria in the early heterologous phase of anti-GBM nephritis in beige mice. Kidney International, 1993, 43, 824-827.	2.6	13
137	Development and application of monoclonal antibodies against SKALP/elafin and other trappin family members. Archives of Dermatological Research, 2001, 293, 343-349.	1.1	13
138	Pattern Recognition Receptors in Immune Disorders Affecting the Skin. Journal of Innate Immunity, 2012, 4, 225-240.	1.8	13
139	Identification of Keratinocyte Mitogens: Implications for Hyperproliferation in Psoriasis and Atopic Dermatitis. JID Innovations, 2022, 2, 100066.	1.2	13
140	Preclinical characterization and target validation of the antimalarial pantothenamide MMV693183. Nature Communications, 2022, 13, 2158.	5.8	13
141	A molecular signature of epithelial host defense: comparative gene expression analysis of cultured bronchial epithelial cells and keratinocytes. BMC Genomics, 2006, 7, 9.	1.2	12
142	Genotypeâ€“Phenotype Correlations in a Prospective Cohort Study of Paediatric Plaque Psoriasis: Lack of Correlation Between HLA-C*06 and Family History of Psoriasis. Acta Dermato-Venereologica, 2014, 94, 667-671.	0.6	12
143	Absent in Melanoma 2 is predominantly present in primary melanoma and primary squamous cell carcinoma, but largely absent in metastases of both tumors. Journal of the American Academy of Dermatology, 2014, 71, 1012-1015.	0.6	12
144	Pharmacological Inhibition of Vanin Activity Attenuates Transplant Vasculopathy in Rat Aortic Allografts. Transplantation, 2016, 100, 1656-1666.	0.5	12

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145	A generic workflow for Single Locus Sequence Typing (SLST) design and subspecies characterization of microbiota. Scientific Reports, 2019, 9, 19834.	1.6	12
146	Cross-Linking of Elafin/SKALP to Elastic Fibers in Photodamaged Skin: Too Much of a Good Thing?. Journal of Investigative Dermatology, 2007, 127, 1286-1287.	0.3	11
147	Stable pantothenamide bioisosteres: novel antibiotics for Gram-positive bacteria. Journal of Antibiotics, 2019, 72, 682-692.	1.0	11
148	Development of a Keratinocyte-Based Screening Model for Antipsoriatic Drugs Using Green Fluorescent Protein Under the Control of an Endogenous Promoter. Journal of Biomolecular Screening, 2002, 7, 325-332.	2.6	10
149	Changes in keratinocyte differentiation following mild irritation by sodium dodecyl sulphate. Archives of Dermatological Research, 1996, 288, 684-690.	1.1	10
150	Transplantation of reconstructed human skin on nude mice: a model system to study expression of human tenascin-X and elastic fiber components. Cell and Tissue Research, 2005, 319, 279-287.	1.5	9
151	Cystatin <scp>M/E</scp> knockdown by lentiviral delivery of sh<scp>RNA</scp> impairs epidermal morphogenesis of human skin equivalents. Experimental Dermatology, 2012, 21, 889-891.	1.4	9
152	Protein-Tyrosine Phosphatases Expressed in Mouse Epidermal Keratinocytes. Journal of Investigative Dermatology, 1996, 106, 972-976.	0.3	8
153	Terminal keratinocyte differentiation in vitro is associated with a stable DNA methylome. Experimental Dermatology, 2021, 30, 1023-1032.	1.4	8
154	Koebner Phenomenon in Psoriasis Is Not Associated with Deletion of Late Cornified Envelope Genes LCE3B and LCE3C. Journal of Investigative Dermatology, 2012, 132, 475-476.	0.3	7
155	Extraction and structural analysis of glycosaminoglycans from formalin-fixed, paraffin-embedded tissues. Glycobiology, 2012, 22, 1666-1672.	1.3	7
156	A Replication Study of the Association between Rheumatoid Arthritis and Deletion of the Late Cornified Envelope Genes LCE3B and LCE3C. PLoS ONE, 2012, 7, e32045.	1.1	7
157	Analysis of protein-protein interaction between late cornified envelope proteins and corneodesmosin. Experimental Dermatology, 2014, 23, 769-771.	1.4	7
158	Deficiency of the human cysteine protease inhibitor cystatin M/E causes hypotrichosis and dry skin. Genetics in Medicine, 2019, 21, 1559-1567.	1.1	7
159	Perfusion Intensity Correlates with Expression Levels of Psoriasis-Related Genes and Proteins. Skin Pharmacology and Physiology, 2015, 28, 296-306.	1.1	6
160	Cathepsin B as a potential cystatin M/E target in the mouse hair follicle. FASEB Journal, 2017, 31, 4286-4294.	0.2	6
161	STAT1 gain-of-function compromises skin host defense in the context of IFN-Î³ signaling. Journal of Allergy and Clinical Immunology, 2019, 143, 1626-1629.e5.	1.5	6
162	SKALP/elafin gene polymorphisms are not associated with pustular forms of psoriasis. Clinical Genetics, 1998, 54, 96-101.	1.0	5

#	Article	IF	Citations
163	Cell Surface Expression of HLA-Cw6 by Human Epidermal Keratinocytes: Positive Regulation by Cytokines, Lack of Correlation to a Variant Upstream of HLA-C. Journal of Investigative Dermatology, 2016, 136, 1903-1906.	0.3	5
164	Antimicrobial Late Cornified Envelope Proteins: The Psoriasis Risk Factor Deletion of LCE3B/C Genes Affects Microbiota Composition. Journal of Investigative Dermatology, 2022, 142, 1947-1955.e6.	0.3	5
165	Functional Characterization of Î² 1 -Integrin-positive Epidermal Cell Populations. Acta Dermato-Venereologica, 2004, 84, 265-270.	0.6	4
166	Keratinocyte Proliferation and Differentiation on IL-9 Stimulation: An Explorative In vitro Study. Acta Dermato-Venereologica, 2017, 97, 741-742.	0.6	4
167	Know your enemy: Unexpected, pervasive and persistent viral and bacterial contamination of primary cell cultures. Experimental Dermatology, 2020, 29, 672-676.	1.4	3
168	Induction of normal and psoriatic phenotypes in submerged keratinocyte cultures. Journal of Cellular Physiology, 1996, 168, 442-452.	2.0	3
169	Expression of SKALP/elafin during wound healing in human skin. Archives of Dermatological Research, 1996, 288, 458-462.	1.1	3
170	Borrelia burgdorferi is strong inducer of IFN-Î³ production by human primary NK cells. Cytokine, 2022, 155, 155895.	1.4	3
171	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. Current Problems in Dermatology, 1996, 25, 67-77.	0.8	2
172	Biallelic mutations in Tenascin-X cause classical-like Ehlers-Danlos syndrome with slowly progressive muscular weakness. Neuromuscular Disorders, 2020, 30, 833-838.	0.3	2
173	Children with vesico-ureteric reflux have joint hypermobility and occasional TNXB sequence variants. Canadian Urological Association Journal, 2019, 14, E128-E136.	0.3	1
174	Serial Analysis of Gene Expression in Human Keratinocytes and Epidermis. , 2005, 289, 383-398.		0
175	Keratinocyte gene expression is modulated by detergents. Journal of Dermatological Science, 1998, 16, S86.	1.0	0
176	Synthesis and characterization of non-viral liposomal carriers for the local application of siRNA molecules and anti-miRNAs in the therapeutic treatment of psoriasis. Journal of Translational Medicine, 2011, 9, .	1.8	0
177	PS4 - 6. Hepatic vanin-1 is highly induced by PPAR-alpha and a key mediator of hepatic lipid metabolism in the fasted state. Nederlands Tijdschrift Voor Diabetologie, 2013, 11, 197-198.	0.0	0