

# Claus Johansen

## List of Publications by Year in descending order

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93  
papers

3,782  
citations

126907  
33  
h-index

138484  
58  
g-index

93  
all docs

93  
docs citations

93  
times ranked

5253  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the interleukin-17 isoforms and receptors in lesional psoriatic skin. British Journal of Dermatology, 2009, 160, 319-324.	1.5	303
2	The kinases MSK1 and MSK2 act as negative regulators of Toll-like receptor signaling. Nature Immunology, 2008, 9, 1028-1036.	14.5	297
3	Modulation of Keratinocyte Gene Expression and Differentiation by PPAR-Selective Ligands and Tetradecylthioacetic Acid. Journal of Investigative Dermatology, 2001, 116, 702-712.	0.7	213
4	The mitogen-activated protein kinases p38 and ERK1/2 are increased in lesional psoriatic skin. British Journal of Dermatology, 2005, 152, 37-42.	1.5	177
5	Protein Expression of TNF- $\alpha$ in Psoriatic Skin Is Regulated at a Posttranscriptional Level by MAPK-Activated Protein Kinase 2. Journal of Immunology, 2006, 176, 1431-1438.	0.8	130
6	Expression and Localization of Peroxisome Proliferator-Activated Receptors and Nuclear Factor $\kappa$ B in Normal and Lesional Psoriatic Skin. Journal of Investigative Dermatology, 2003, 121, 1104-1117.	0.7	105
7	IL-17 is a key driver in the development of psoriasis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5825-33.	7.1	95
8	Antibiotics inhibit tumor and disease activity in cutaneous T-cell lymphoma. Blood, 2019, 134, 1072-1083.	1.4	94
9	Studies of JAK/STAT3 expression and signalling in psoriasis identifies STAT3 Ser727 phosphorylation as a modulator of transcriptional activity. Experimental Dermatology, 2013, 22, 323-328.	2.9	86
10	The Activity of Caspase-1 Is Increased in Lesional Psoriatic Epidermis. Journal of Investigative Dermatology, 2007, 127, 2857-2864.	0.7	80
11	STAT1 expression and activation is increased in lesional psoriatic skin. British Journal of Dermatology, 2013, 168, 302-310.	1.5	78
12	Regulation of caspase 14 expression in keratinocytes by inflammatory cytokines - a possible link between reduced skin barrier function and inflammation?. Experimental Dermatology, 2011, 20, 633-636.	2.9	70
13	1 $\alpha$ ,25(OH) $_2$ D $_3$ regulates NF- $\kappa$ B DNA binding activity in cultured normal human keratinocytes through an increase in I $\kappa$ B $\alpha$ expression. Archives of Dermatological Research, 2004, 296, 195-202.	1.9	66
14	Caspase-5 Expression Is Upregulated in Lesional Psoriatic Skin. Journal of Investigative Dermatology, 2011, 131, 670-676.	0.7	61
15	Mitogen- and Stress-Activated Protein Kinase 1 Is Activated in Lesional Psoriatic Epidermis and Regulates the Expression of Pro-Inflammatory Cytokines. Journal of Investigative Dermatology, 2006, 126, 1784-1791.	0.7	58
16	Kinetics and differential expression of the skin-related chemokines CCL27 and CCL17 in psoriasis, atopic dermatitis and allergic contact dermatitis. Experimental Dermatology, 2011, 20, 789-794.	2.9	58
17	Tumor necrosis factor- $\alpha$ -induced CTACK/CCL27 (cutaneous T-cell-attracting chemokine) production in keratinocytes is controlled by nuclear factor $\kappa$ B. Cytokine, 2005, 29, 49-55.	3.2	57
18	Dimethylfumarate Specifically Inhibits the Mitogen and Stress-Activated Kinases 1 and 2 (MSK1/2): Possible Role for its Anti-Psoriatic Effect. Journal of Investigative Dermatology, 2007, 127, 2129-2137.	0.7	57

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19	Preferential inhibition of the mRNA expression of p38 mitogen-activated protein kinase regulated cytokines in psoriatic skin by anti-TNF $\alpha$ therapy. British Journal of Dermatology, 2010, 163, 1194-1204.	1.5	57
20	1 $\alpha$ ,25-Dihydroxyvitamin D3 Stimulates Activator Protein 1 DNA-Binding Activity by a Phosphatidylinositol 3-Kinase/Ras/MEK/Extracellular Signal Regulated Kinase 1/2 and c-Jun N-Terminal Kinase 1-Dependent Increase in c-Fos, Fra1, and c-Jun Expression in Human Keratinocytes. Journal of Investigative Dermatology, 2003, 120, 561-570.	0.7	55
21	Prognostic miRNA classifier in early-stage mycosis fungoides: development and validation in a Danish nationwide study. Blood, 2018, 131, 759-770.	1.4	54
22	Inverse Regulation of the Nuclear Factor- $\kappa$ B Binding to the p53 and Interleukin-8 $\kappa$ B Response Elements in Lesional Psoriatic Skin. Journal of Investigative Dermatology, 2005, 124, 1284-1292.	0.7	53
23	IL-20 Gene Expression Is Induced by IL-1 $\beta$ through Mitogen-Activated Protein Kinase and NF- $\kappa$ B-Dependent Mechanisms. Journal of Investigative Dermatology, 2007, 127, 1326-1336.	0.7	52
24	Tumor Necrosis Factor $\alpha$ -Mediated Induction of Interleukin 17C in Human Keratinocytes Is Controlled by Nuclear Factor $\kappa$ B. Journal of Biological Chemistry, 2011, 286, 25487-25494.	3.4	51
25	Inflammatory Cytokines Break Down Intrinsic Immunological Tolerance of Human Primary Keratinocytes to Cytosolic DNA. Journal of Immunology, 2014, 192, 2395-2404.	0.8	44
26	High-throughput RNA sequencing from paired lesional- and non-lesional skin reveals major alterations in the psoriasis circRNAome. BMC Medical Genomics, 2019, 12, 174.	1.5	43
27	Aldara <sup>®</sup> -induced skin inflammation: studies of patients with psoriasis. British Journal of Dermatology, 2015, 172, 345-353.	1.5	42
28	Characterization of TNF- $\alpha$ and IL-17A-Mediated Synergistic Induction of DEFB4 Gene Expression in Human Keratinocytes through I $\kappa$ B $\eta$ . Journal of Investigative Dermatology, 2016, 136, 1608-1616.	0.7	40
29	1 $\alpha$ ,25-Dihydroxyvitamin D3 Induced Differentiation of Cultured Human Keratinocytes is Accompanied by a PKC-Independent Regulation of AP-1 DNA Binding Activity. Journal of Investigative Dermatology, 2000, 114, 1174-1179.	0.7	38
30	Pro-inflammatory cytokine release in keratinocytes is mediated through the MAPK signaling integrating kinases. Experimental Dermatology, 2008, 17, 498-504.	2.9	38
31	The $\alpha$ 1-macroglobulin-HMBG1 and IL-33 Downregulate Structural Skin Barrier Proteins and Impair Epidermal Growth. Acta Dermato-Venereologica, 2017, 97, 305-312.	1.3	38
32	Reduced Oxazolone-Induced Skin Inflammation in MAPKAP Kinase 2 Knockout Mice. Journal of Investigative Dermatology, 2009, 129, 891-898.	0.7	36
33	MK2 regulates the early stages of skin tumor promotion. Carcinogenesis, 2009, 30, 2100-2108.	2.8	35
34	Dimethylfumarate inhibits MIF-induced proliferation of keratinocytes by inhibiting MSK1 and RSK1 activation and by inducing nuclear p-c-Jun (S63) and p-p53 (S15) expression. Inflammation Research, 2011, 60, 643-653.	4.0	35
35	The p38 MAPK Regulates IL-24 Expression by Stabilization of the 3' UTR of IL-24 mRNA. PLoS ONE, 2010, 5, e8671.	2.5	35
36	Mitogen- and Stress-Activated Protein Kinase 2 and Cyclic AMP Response Element Binding Protein are Activated in Lesional Psoriatic Epidermis. Journal of Investigative Dermatology, 2007, 127, 2012-2019.	0.7	34

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37	<sc>TNF</sc> and <sc>IL</sc>17A-mediated S100A8 expression is regulated by p38 <sc>MAPK</sc>. Experimental Dermatology, 2013, 22, 476-481.	2.9	34
38	Changes in <sc>mRNA</sc> expression precede changes in micro <sc>RNA</sc> expression in lesional psoriatic skin during treatment with adalimumab. British Journal of Dermatology, 2015, 173, 436-447.	1.5	34
39	Ustekinumab in the Treatment of Refractory Chronic Cutaneous Lupus Erythematosus: A Case Report. Acta Dermato-Venereologica, 2013, 93, 368-369.	1.3	33
40	Activator protein 1 DNA binding activity is decreased in lesional psoriatic skin compared with nonlesional psoriatic skin. British Journal of Dermatology, 2004, 151, 600-607.	1.5	32
41	Key Signaling Pathways in Psoriasis: Recent Insights from Antipsoriatic Therapeutics. Psoriasis: Targets and Therapy, 2021, Volume 11, 83-97.	2.2	32
42	Adalimumab therapy rapidly inhibits p38 mitogen-activated protein kinase activity in lesional psoriatic skin preceding clinical improvement. British Journal of Dermatology, 2010, 162, 1216-1223.	1.5	31
43	Efficacy of ustekinumab in palmoplantar pustulosis and palmoplantar pustular psoriasis. International Journal of Dermatology, 2014, 53, e464-6.	1.0	31
44	IL-8 and p53 are inversely regulated through JNK, p38 and NF- $\kappa$ B p65 in HepG2 cells during an inflammatory response. Inflammation Research, 2008, 57, 329-339.	4.0	30
45	Inflammasomes and inflammatory caspases in skin inflammation. Expert Review of Molecular Diagnostics, 2008, 8, 697-705.	3.1	30
46	Mice Lacking MSK1 and MSK2 Show Reduced Skin Tumor Development in a Two-Stage Chemical Carcinogenesis Model. Cancer Investigation, 2011, 29, 240-245.	1.3	30
47	Leptin deficiency in mice counteracts imiquimod (IMQ)-induced psoriasis-like skin inflammation while leptin stimulation induces inflammation in human keratinocytes. Experimental Dermatology, 2017, 26, 338-345.	2.9	30
48	IL-20, IL-21 and p40: Potential Biomarkers of Treatment Response for Ustekinumab. Acta Dermato-Venereologica, 2013, 93, 150-155.	1.3	29
49	TARC augments TNF-alpha-induced CTACK production in keratinocytes. Experimental Dermatology, 2004, 13, 551-557.	2.9	27
50	STAT2 is involved in the pathogenesis of psoriasis by promoting CXCL11 and CCL5 production by keratinocytes. PLoS ONE, 2017, 12, e0176994.	2.5	27
51	<sc>IL</sc>17F regulates psoriasis-associated genes through $\text{IRF}$ . Experimental Dermatology, 2017, 26, 234-241.	2.9	24
52	$\text{IRF}$ is a key player in the antipsoriatic effects of secukinumab. Journal of Allergy and Clinical Immunology, 2020, 145, 379-390.	2.9	24
53	The human <sc>IL</sc>17A/F heterodimer regulates psoriasis-associated genes through $\text{IRF}$ . Experimental Dermatology, 2018, 27, 1048-1052.	2.9	21
54	The role of mitogen- and stress-activated protein kinase 1 and 2 in chronic skin inflammation in mice. Experimental Dermatology, 2011, 20, 140-145.	2.9	19

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55	Interleukin 20 regulates dendritic cell migration and expression of co-stimulatory molecules. <i>Molecular and Cellular Therapies</i> , 2016, 4, 1.	0.2	19
56	HSP90 inhibitor RGRN-305 for oral treatment of plaque-type psoriasis: efficacy, safety and biomarker results in an open-label proof-of-concept study*. <i>British Journal of Dermatology</i> , 2022, 186, 861-874.	1.5	19
57	Lysophosphatidylcholine Induces Keratinocyte Differentiation and Upregulation of AP-1- and NF- $\kappa$ B DNA-binding Activity. <i>Acta Dermato-Venereologica</i> , 2004, 84, 433-438.	1.3	18
58	IL-37 Expression Is Downregulated in Lesional Psoriasis Skin. <i>ImmunoHorizons</i> , 2020, 4, 754-761.	1.8	18
59	The caspase-cleaved form of LYN mediates a psoriasis-like inflammatory syndrome in mice. <i>EMBO Journal</i> , 2009, 28, 2449-2460.	7.8	17
60	Tumour necrosis factor- $\alpha$ plays a significant role in the Aldara-induced skin inflammation in mice. <i>British Journal of Dermatology</i> , 2016, 174, 1011-1021.	1.5	17
61	The expression and phosphorylation of eukaryotic initiation factor 4E are increased in lesional psoriatic skin. <i>British Journal of Dermatology</i> , 2009, 161, 1059-1066.	1.5	16
62	The expression of dual-specificity phosphatase 1 mRNA is downregulated in lesional psoriatic skin. <i>British Journal of Dermatology</i> , 2013, 168, 339-345.	1.5	15
63	Comparative Analysis of Two Gene-Targeting Approaches Challenges the Tumor-Suppressive Role of the Protein Kinase MK5/PRAK. <i>PLoS ONE</i> , 2015, 10, e0136138.	2.5	15
64	The role of leptin in psoriasis comprises a proinflammatory response by the dermal fibroblast. <i>British Journal of Dermatology</i> , 2016, 174, 187-190.	1.5	15
65	Generation and Culturing of Primary Human Keratinocytes from Adult Skin. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	15
66	The HSP90 inhibitor RGRN-305 exhibits strong immunomodulatory effects in human keratinocytes. <i>Experimental Dermatology</i> , 2021, 30, 773-781.	2.9	15
67	TRIM21 is important in the early phase of inflammation in the imiquimod-induced psoriasis-like skin inflammation mouse model. <i>Experimental Dermatology</i> , 2017, 26, 713-720.	2.9	13
68	Effect of Dead Sea Climatotherapy on Psoriasis; A Prospective Cohort Study. <i>Frontiers in Medicine</i> , 2020, 7, 83.	2.6	13
69	CCL27 expression is regulated by both p38 MAPK and IKK $\beta$ signalling pathways. <i>Cytokine</i> , 2011, 56, 699-707.	3.2	12
70	Role of p38 Mitogen-activated Protein Kinase Isoforms in Murine Skin Inflammation Induced by 12-O-tetradecanoylphorbol 13-acetate. <i>Acta Dermato-Venereologica</i> , 2011, 91, 271-278.	1.3	12
71	Inflammation-Induced Alterations in the Skin Barrier Function: Implications in Atopic Dermatitis. <i>Chemical Immunology and Allergy</i> , 2012, 96, 77-80.	1.7	12
72	Interleukin-23 in early disease development in rheumatoid arthritis. <i>Scandinavian Journal of Rheumatology</i> , 2015, 44, 438-442.	1.1	12

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73	Interleukin 20 protein locates to distinct mononuclear cells in psoriatic skin. <i>Experimental Dermatology</i> , 2014, 23, 349-351.	2.9	11
74	Measuring serum concentrations of interleukin-33 in atopic dermatitis is associated with potential false positive results. <i>SpringerPlus</i> , 2016, 5, 33.	1.2	11
75	Langerhans cell markers <scp>CD</scp>1a and <scp>CD</scp>207 are the most rapidly responding genes in lesional psoriatic skin following adalimumab treatment. <i>Experimental Dermatology</i> , 2017, 26, 804-810.	2.9	11
76	Pathway Analysis of Skin from Psoriasis Patients after Adalimumab Treatment Reveals New Early Events in the Anti-Inflammatory Mechanism of Anti-TNF- $\alpha$ . <i>PLoS ONE</i> , 2016, 11, e0167437.	2.5	11
77	IL-36: A key protein in the pathogenesis of psoriasis. <i>Cytokine</i> , 2016, 78, 20-21.	3.2	10
78	Differential Effects of Digoxin on Imiquimod-Induced Psoriasis-Like Skin Inflammation on the Ear and Back. <i>Annals of Dermatology</i> , 2018, 30, 485.	0.9	9
79	Tissue-Resident Memory T Cells in Skin Diseases: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9004.	4.1	9
80	Non-random Plaque-site Recurrence of Psoriasis in Patients Treated with Dead Sea Climatotherapy. <i>Acta Dermato-Venereologica</i> , 2019, 99, 909-910.	1.3	9
81	A characterization of the expression of 14-3-3 isoforms in psoriasis, basal cell carcinoma, atopic dermatitis and contact dermatitis. <i>Dermatology Reports</i> , 2010, 2, 14.	0.8	8
82	MicroRNA normalization candidates for quantitative reverse-transcriptase polymerase chain reaction in real time in lesional and nonlesional psoriatic skin. <i>British Journal of Dermatology</i> , 2013, 169, 677-681.	1.5	7
83	Protein phosphatase 2C $\Delta$ /Wip1 regulates phospho-p90RSK2 activity in lesional psoriatic skin. <i>Journal of Inflammation Research</i> , 2017, Volume 10, 169-180.	3.5	6
84	Anti-inflammatory effect of a retrovirus-derived immunosuppressive peptide in mouse models. <i>BMC Immunology</i> , 2013, 14, 51.	2.2	5
85	IL-36 is a Key Regulator of Tumour Necrosis Factor- $\alpha$ and Interleukin-17A-mediated Induction of Interleukin-36g in Human Keratinocytes. <i>Acta Dermato-Venereologica</i> , 2021, 101, adv00386.	1.3	5
86	Suppressed microRNA-195a-5p expression in mycosis fungoides promotes tumor cell proliferation. <i>Experimental Dermatology</i> , 2020, 30, 1141-1149.	2.9	4
87	Anti-tumor necrosis factor treatment increases both the Th17 and Th22 T helper subsets in spondyloarthritis. <i>Apmis</i> , 2019, 127, 789-796.	2.0	3
88	I-Kappa-B-Zeta Regulates Interleukin-17A/Tumor Necrosis Factor-Alpha Mediated Synergistic Induction of Interleukin-19 and Interleukin-20 in Humane Keratinocytes. <i>Annals of Dermatology</i> , 2021, 33, 122.	0.9	3
89	Climatotherapy at the Dead Sea for psoriasis is a highly effective anti-inflammatory treatment in the short term: An immunohistochemical study. <i>Experimental Dermatology</i> , 2022, , .	2.9	2
90	Quantification of Immunohistochemically Stained Cells in Skin Biopsies. <i>Dermatopathology (Basel)</i> , Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.5	2

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91	Growth medium-dependent ERK1/2 and AP-1 activity in cultured normal human keratinocytes modulates 1 $\alpha$ ,25-dihydroxyvitamin D3-induced differentiation. Archives of Dermatological Research, 2003, 295, 199-202.	1.9	0
92	Investigating the Role of I Kappa B Kinase $\hat{\mu}$ in the Pathogenesis of Psoriasis. Acta Dermato-Venereologica, 2019, 99, 1035-1036.	1.3	0
93	<scp>miR</scp> â€378a: an amplifier of the <scp>interleukinâ€17A</scp> response in keratinocytes. British Journal of Dermatology, 2022, , .	1.5	0