

# Claus Johansen

## List of Publications by Year in descending order

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93  
papers

3,782  
citations

126708

33  
h-index

138251

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. <i>British Journal of Dermatology</i> , 2009, 160, 319-324.	1.4	303
2	The kinases MSK1 and MSK2 act as negative regulators of Toll-like receptor signaling. <i>Nature Immunology</i> , 2008, 9, 1028-1036.	7.0	297
3	Modulation of Keratinocyte Gene Expression and Differentiation by PPAR-Selective Ligands and Tetracyclioacetic Acid. <i>Journal of Investigative Dermatology</i> , 2001, 116, 702-712.	0.3	213
4	The mitogen-activated protein kinases p38 and ERK1/2 are increased in lesional psoriatic skin. <i>British Journal of Dermatology</i> , 2005, 152, 37-42.	1.4	177
5	Protein Expression of TNF- $\alpha$ in Psoriatic Skin Is Regulated at a Posttranscriptional Level by MAPK-Activated Protein Kinase 2. <i>Journal of Immunology</i> , 2006, 176, 1431-1438.	0.4	130
6	Expression and Localization of Peroxisome Proliferator-Activated Receptors and Nuclear Factor $\kappa$ B in Normal and Lesional Psoriatic Skin. <i>Journal of Investigative Dermatology</i> , 2003, 121, 1104-1117.	0.3	105
7	IL-17 is a key driver in the development of psoriasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5825-33.	3.3	95
8	Antibiotics inhibit tumor and disease activity in cutaneous T-cell lymphoma. <i>Blood</i> , 2019, 134, 1072-1083.	0.6	94
9	Studies of JAK/STAT3 expression and signalling in psoriasis identifies STAT3 ser727 phosphorylation as a modulator of transcriptional activity. <i>Experimental Dermatology</i> , 2013, 22, 323-328.	1.4	86
10	The Activity of Caspase-1 Is Increased in Lesional Psoriatic Epidermis. <i>Journal of Investigative Dermatology</i> , 2007, 127, 2857-2864.	0.3	80
11	STAT1 expression and activation is increased in lesional psoriatic skin. <i>British Journal of Dermatology</i> , 2013, 168, 302-310.	1.4	78
12	Regulation of caspase 14 expression in keratinocytes by inflammatory cytokines - a possible link between reduced skin barrier function and inflammation?. <i>Experimental Dermatology</i> , 2011, 20, 633-636.	1.4	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. <i>Archives of Dermatological Research</i> , 2004, 296, 195-202.	1.1	66
14	Caspase-5 Expression Is Upregulated in Lesional Psoriatic Skin. <i>Journal of Investigative Dermatology</i> , 2011, 131, 670-676.	0.3	61
15	Mitogen- and Stress-Activated Protein Kinase 1 Is Activated in Lesional Psoriatic Epidermis and Regulates the Expression of Pro-Inflammatory Cytokines. <i>Journal of Investigative Dermatology</i> , 2006, 126, 1784-1791.	0.3	58
16	Kinetics and differential expression of the skin-related chemokines CCL27 and CCL17 in psoriasis, atopic dermatitis and allergic contact dermatitis. <i>Experimental Dermatology</i> , 2011, 20, 789-794.	1.4	58
17	Tumor necrosis factor- $\alpha$ -induced CTACK/CCL27 (cutaneous T-cell-attracting chemokine) production in keratinocytes is controlled by nuclear factor $\kappa$ B. <i>Cytokine</i> , 2005, 29, 49-55.	1.4	57
18	Dimethylfumarate Specifically Inhibits the Mitogen and Stress-Activated Kinases 1 and 2 (MSK1/2): Possible Role for its Anti-Psoriatic Effect. <i>Journal of Investigative Dermatology</i> , 2007, 127, 2129-2137.	0.3	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. <i>British Journal of Dermatology</i> , 2010, 163, 1194-1204.	1.4	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. <i>Journal of Investigative Dermatology</i> , 2003, 120, 561-570.	0.3	55
21	Prognostic miRNA classifier in early-stage mycosis fungoides: development and validation in a Danish nationwide study. <i>Blood</i> , 2018, 131, 759-770.	0.6	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. <i>Journal of Investigative Dermatology</i> , 2005, 124, 1284-1292.	0.3	53
23	IL-20 Gene Expression Is Induced by IL-1 $\beta$ through Mitogen-Activated Protein Kinase and NF- $\kappa$ B-Dependent Mechanisms. <i>Journal of Investigative Dermatology</i> , 2007, 127, 1326-1336.	0.3	52
24	Tumor Necrosis Factor $\alpha$ -Mediated Induction of Interleukin 17C in Human Keratinocytes Is Controlled by Nuclear Factor $\kappa$ B. <i>Journal of Biological Chemistry</i> , 2011, 286, 25487-25494.	1.6	51
25	Inflammatory Cytokines Break Down Intrinsic Immunological Tolerance of Human Primary Keratinocytes to Cytosolic DNA. <i>Journal of Immunology</i> , 2014, 192, 2395-2404.	0.4	44
26	High-throughput RNA sequencing from paired lesional- and non-lesional skin reveals major alterations in the psoriasis circRNAome. <i>BMC Medical Genomics</i> , 2019, 12, 174.	0.7	43
27	Aldara <sup>®</sup> -induced skin inflammation: studies of patients with psoriasis. <i>British Journal of Dermatology</i> , 2015, 172, 345-353.	1.4	42
28	Characterization of TNF- $\alpha$ and IL-17A-Mediated Synergistic Induction of DEFB4 Gene Expression in Human Keratinocytes through I $\kappa$ B $\eta$ . <i>Journal of Investigative Dermatology</i> , 2016, 136, 1608-1616.	0.3	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. <i>Journal of Investigative Dermatology</i> , 2000, 114, 1174-1179.	0.3	38
30	Pro-inflammatory cytokine release in keratinocytes is mediated through the MAPK signaling-integrating kinases. <i>Experimental Dermatology</i> , 2008, 17, 498-504.	1.4	38
31	The $\alpha$ 1-macroglobulin-HMBG1 and IL-33 Downregulate Structural Skin Barrier Proteins and Impair Epidermal Growth. <i>Acta Dermato-Venereologica</i> , 2017, 97, 305-312.	0.6	38
32	Reduced Oxazolone-Induced Skin Inflammation in MAPKAP Kinase 2 Knockout Mice. <i>Journal of Investigative Dermatology</i> , 2009, 129, 891-898.	0.3	36
33	MK2 regulates the early stages of skin tumor promotion. <i>Carcinogenesis</i> , 2009, 30, 2100-2108.	1.3	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. <i>Inflammation Research</i> , 2011, 60, 643-653.	1.6	35
35	The p38 MAPK Regulates IL-24 Expression by Stabilization of the 3' UTR of IL-24 mRNA. <i>PLoS ONE</i> , 2010, 5, e8671.	1.1	35
36	Mitogen- and Stress-Activated Protein Kinase 2 and Cyclic AMP Response Element Binding Protein are Activated in Lesional Psoriatic Epidermis. <i>Journal of Investigative Dermatology</i> , 2007, 127, 2012-2019.	0.3	34

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37	<sc>TNF±</sc> and <sc>IL</sc>17A-mediated S100A8 expression is regulated by p38 <sc>MAPK</sc>. <i>Experimental Dermatology</i> , 2013, 22, 476-481.	1.4	34
38	Changes in <sc>mRNA</sc> expression precede changes in micro <sc>RNA</sc> expression in lesional psoriatic skin during treatment with adalimumab. <i>British Journal of Dermatology</i> , 2015, 173, 436-447.	1.4	34
39	Ustekinumab in the Treatment of Refractory Chronic Cutaneous Lupus Erythematosus: A Case Report. <i>Acta Dermato-Venereologica</i> , 2013, 93, 368-369.	0.6	33
40	Activator protein 1 DNA binding activity is decreased in lesional psoriatic skin compared with nonlesional psoriatic skin. <i>British Journal of Dermatology</i> , 2004, 151, 600-607.	1.4	32
41	Key Signaling Pathways in Psoriasis: Recent Insights from Antipsoriatic Therapeutics. <i>Psoriasis: Targets and Therapy</i> , 2021, Volume 11, 83-97.	1.2	32
42	Adalimumab therapy rapidly inhibits p38 mitogen-activated protein kinase activity in lesional psoriatic skin preceding clinical improvement. <i>British Journal of Dermatology</i> , 2010, 162, 1216-1223.	1.4	31
43	Efficacy of ustekinumab in palmoplantar pustulosis and palmoplantar pustular psoriasis. <i>International Journal of Dermatology</i> , 2014, 53, e464-6.	0.5	31
44	IL-8 and p53 are inversely regulated through JNK, p38 and NF- $\kappa$ B p65 in HepG2 cells during an inflammatory response. <i>Inflammation Research</i> , 2008, 57, 329-339.	1.6	30
45	Inflammasomes and inflammatory caspases in skin inflammation. <i>Expert Review of Molecular Diagnostics</i> , 2008, 8, 697-705.	1.5	30
46	Mice Lacking MSK1 and MSK2 Show Reduced Skin Tumor Development in a Two-Stage Chemical Carcinogenesis Model. <i>Cancer Investigation</i> , 2011, 29, 240-245.	0.6	30
47	Leptin deficiency in mice counteracts imiquimod (IMQ)-induced psoriasis-like skin inflammation while leptin stimulation induces inflammation in human keratinocytes. <i>Experimental Dermatology</i> , 2017, 26, 338-345.	1.4	30
48	IL-20, IL-21 and p40: Potential Biomarkers of Treatment Response for Ustekinumab. <i>Acta Dermato-Venereologica</i> , 2013, 93, 150-155.	0.6	29
49	TARC augments TNF-alpha-induced CTACK production in keratinocytes. <i>Experimental Dermatology</i> , 2004, 13, 551-557.	1.4	27
50	STAT2 is involved in the pathogenesis of psoriasis by promoting CXCL11 and CCL5 production by keratinocytes. <i>PLoS ONE</i> , 2017, 12, e0176994.	1.1	27
51	<sc>IL</sc>17F regulates psoriasis-associated genes through $\text{IRF1}$ . <i>Experimental Dermatology</i> , 2017, 26, 234-241.	1.4	24
52	$\text{IRF1}$ is a key player in the antipsoriatic effects of secukinumab. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 379-390.	1.5	24
53	The human <sc>IL</sc>17A/F heterodimer regulates psoriasis-associated genes through $\text{IRF1}$ . <i>Experimental Dermatology</i> , 2018, 27, 1048-1052.	1.4	21
54	The role of mitogen-activated protein kinase 1 and 2 in chronic skin inflammation in mice. <i>Experimental Dermatology</i> , 2011, 20, 140-145.	1.4	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.	1.4	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.	0.6	18
58	IL-37 Expression Is Downregulated in Lesional Psoriasis Skin. <i>ImmunoHorizons</i> , 2020, 4, 754-761.	0.8	18
59	The caspase-cleaved form of LYN mediates a psoriasis-like inflammatory syndrome in mice. <i>EMBO Journal</i> , 2009, 28, 2449-2460.	3.5	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.	1.4	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.	1.4	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.	1.4	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.	1.1	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.	1.4	15
65	Generation and Culturing of Primary Human Keratinocytes from Adult Skin. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	15
66	The HSP90 inhibitor RGRN-305 exhibits strong immunomodulatory effects in human keratinocytes. <i>Experimental Dermatology</i> , 2021, 30, 773-781.	1.4	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.	1.4	13
68	Effect of Dead Sea Climatotherapy on Psoriasis; A Prospective Cohort Study. <i>Frontiers in Medicine</i> , 2020, 7, 83.	1.2	13
69	CCL27 expression is regulated by both p38 MAPK and IKK $\beta$ signalling pathways. <i>Cytokine</i> , 2011, 56, 699-707.	1.4	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.	0.6	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.	0.6	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.	1.4	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 <sc>CD</sc>1a and <sc>CD</sc>207 are the most rapidly responding genes in lesional psoriatic skin following adalimumab treatment. <i>Experimental Dermatology</i> , 2017, 26, 804-810.	1.4	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.	1.1	11
77	IL-17: A key protein in the pathogenesis of psoriasis. <i>Cytokine</i> , 2016, 78, 20-21.	1.4	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.	0.3	9
79	Tissue-Resident Memory T Cells in Skin Diseases: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9004.	1.8	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.	0.6	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.	0.4	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.	1.4	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.	1.6	6
84	Anti-inflammatory effect of a retrovirus-derived immunosuppressive peptide in mouse models. <i>BMC Immunology</i> , 2013, 14, 51.	0.9	5
85	IL-17 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.	0.6	5
86	Suppressed microRNA-195a-5p expression in mycosis fungoides promotes tumor cell proliferation. <i>Experimental Dermatology</i> , 2020, 30, 1141-1149.	1.4	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.	0.9	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.	0.3	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, .	1.4	2
90	Quantification of Immunohistochemically Stained Cells in Skin Biopsies. <i>Dermatopathology (Basel)</i> , Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0,7	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 D <sub>3</sub> -induced differentiation. Archives of Dermatological Research, 2003, 295, 199-202.	1.1	0
92	Investigating the Role of I Kappa B Kinase $\hat{\mu}$ in the Pathogenesis of Psoriasis. Acta Dermato-Venereologica, 2019, 99, 1035-1036.	0.6	0
93	<scp>miR</scp> $\hat{3}$ 78a: an amplifier of the <scp>interleukin $\hat{1}$ 7A</scp> response in keratinocytes. British Journal of Dermatology, 2022, , .	1.4	0