

# Andrew Johnston

## List of Publications by Year in descending order

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72  
papers

6,055  
citations

94433

37  
h-index

95266

68  
g-index

73  
all docs

73  
docs citations

73  
times ranked

8219  
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of IL-17+ T Cell Trafficking and Development by IFN- $\gamma$ : Mechanism and Pathological Relevance in Psoriasis. <i>Journal of Immunology</i> , 2008, 181, 4733-4741.	0.8	433
2	Immunopathogenic mechanisms in psoriasis. <i>Clinical and Experimental Immunology</i> , 2003, 135, 1-8.	2.6	323
3	Transcriptome Analysis of Psoriasis in a Large Case-Control Sample: RNA-Seq Provides Insights into Disease Mechanisms. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1828-1838.	0.7	318
4	IL-1F5, -F6, -F8, and -F9: A Novel IL-1 Family Signaling System That Is Active in Psoriasis and Promotes Keratinocyte Antimicrobial Peptide Expression. <i>Journal of Immunology</i> , 2011, 186, 2613-2622.	0.8	282
5	Cytokines in psoriasis. <i>Cytokine</i> , 2015, 73, 342-350.	3.2	281
6	Keratinocyte Overexpression of IL-17C Promotes Psoriasiform Skin Inflammation. <i>Journal of Immunology</i> , 2013, 190, 2252-2262.	0.8	260
7	IL-1 and IL-36 are dominant cytokines in generalized pustular psoriasis. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 109-120.	2.9	259
8	Molecular Dissection of Psoriasis: Integrating Genetics and Biology. <i>Journal of Investigative Dermatology</i> , 2010, 130, 1213-1226.	0.7	253
9	IL-36 Promotes Myeloid Cell Infiltration, Activation, and Inflammatory Activity in Skin. <i>Journal of Immunology</i> , 2014, 192, 6053-6061.	0.8	245
10	Mouse Models of Psoriasis. <i>Journal of Investigative Dermatology</i> , 2007, 127, 1292-1308.	0.7	225
11	The anti-inflammatory action of methotrexate is not mediated by lymphocyte apoptosis, but by the suppression of activation and adhesion molecules. <i>Clinical Immunology</i> , 2005, 114, 154-163.	3.2	211
12	Obesity in psoriasis: leptin and resistin as mediators of cutaneous inflammation. <i>British Journal of Dermatology</i> , 2008, 159, 342-350.	1.5	197
13	Assessment of the Psoriatic Transcriptome in a Large Sample: Additional Regulated Genes and Comparisons with In Vitro Models. <i>Journal of Investigative Dermatology</i> , 2010, 130, 1829-1840.	0.7	192
14	Psoriasis "as an autoimmune disease caused by molecular mimicry. <i>Trends in Immunology</i> , 2009, 30, 494-501.	6.8	179
15	Genome-Wide Expression Profiling of Five Mouse Models Identifies Similarities and Differences with Human Psoriasis. <i>PLoS ONE</i> , 2011, 6, e18266.	2.5	160
16	Antimicrobial Peptide LL37 and MAVS Signaling Drive Interferon- $\beta$ Production by Epidermal Keratinocytes during Skin Injury. <i>Immunity</i> , 2016, 45, 119-130.	14.3	128
17	Peripheral blood T cell responses to keratin peptides that share sequences with streptococcal M proteins are largely restricted to skin-homing CD8+ T cells. <i>Clinical and Experimental Immunology</i> , 2004, 138, 83-93.	2.6	126
18	Evidence for Altered Wnt Signaling in Psoriatic Skin. <i>Journal of Investigative Dermatology</i> , 2010, 130, 1849-1859.	0.7	116

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19	Dissecting the psoriasis transcriptome: inflammatory- and cytokine-driven gene expression in lesions from 163 patients. <i>BMC Genomics</i> , 2013, 14, 527.	2.8	108
20	Improvement of Psoriasis after Tonsillectomy Is Associated with a Decrease in the Frequency of Circulating T Cells That Recognize Streptococcal Determinants and Homologous Skin Determinants. <i>Journal of Immunology</i> , 2012, 188, 5160-5165.	0.8	97
21	Robust shifts in S100a9 expression with aging: A novel mechanism for chronic inflammation. <i>Scientific Reports</i> , 2013, 3, 1215.	3.3	96
22	EGFR and IL-1 Signaling Synergistically Promote Keratinocyte Antimicrobial Defenses in a Differentiation-Dependent Manner. <i>Journal of Investigative Dermatology</i> , 2011, 131, 329-337.	0.7	81
23	Proteogenomic analysis of psoriasis reveals discordant and concordant changes in mRNA and protein abundance. <i>Genome Medicine</i> , 2015, 7, 86.	8.2	80
24	Narrowband-UVB irradiation decreases the production of pro-inflammatory cytokines by stimulated T cells. <i>Archives of Dermatological Research</i> , 2005, 297, 39-42.	1.9	78
25	IFN- $\beta$ and TNF- $\alpha$ synergism may provide a link between psoriasis and inflammatory atherogenesis. <i>Scientific Reports</i> , 2017, 7, 13831.	3.3	78
26	Heterogeneity of Inflammatory and Cytokine Networks in Chronic Plaque Psoriasis. <i>PLoS ONE</i> , 2012, 7, e34594.	2.5	72
27	Methotrexate markedly reduces the expression of vascular E-selectin, cutaneous lymphocyte-associated antigen and the numbers of mononuclear leucocytes in psoriatic skin. <i>Experimental Dermatology</i> , 2004, 13, 426-434.	2.9	58
28	Neutrophil Extracellular Traps Induce Human Th17 Cells: Effect of Psoriasis-Associated TRAF3IP2 Genotype. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1245-1253.	0.7	54
29	Age-Associated Increase in Skin Fibroblast-Derived Prostaglandin E 2 Contributes to Reduced Collagen Levels in Elderly Human Skin. <i>Journal of Investigative Dermatology</i> , 2015, 135, 2181-2188.	0.7	51
30	Modulation of Epidermal Transcription Circuits in Psoriasis: New Links between Inflammation and Hyperproliferation. <i>PLoS ONE</i> , 2013, 8, e79253.	2.5	49
31	The role of the palatine tonsils in the pathogenesis and treatment of psoriasis. <i>British Journal of Dermatology</i> , 2013, 168, 237-242.	1.5	46
32	Novel systemic drugs under investigation for the treatment of psoriasis. <i>Journal of the American Academy of Dermatology</i> , 2012, 67, 139-147.	1.2	45
33	Early tissue responses in psoriasis to the antitumour necrosis factor- $\alpha$ biologic etanercept suggest reduced interleukin-17 receptor expression and signalling. <i>British Journal of Dermatology</i> , 2014, 171, 97-107.	1.5	45
34	The association of sore throat and psoriasis might be explained by histologically distinctive tonsils and increased expression of skin-homing molecules by tonsil T cells. <i>Clinical and Experimental Immunology</i> , 2013, 174, 139-151.	2.6	43
35	Cellular dissection of psoriasis for transcriptome analyses and the post-GWAS era. <i>BMC Medical Genomics</i> , 2014, 7, 27.	1.5	43
36	Etanercept suppresses regenerative hyperplasia in psoriasis by acutely downregulating epidermal expression of interleukin (IL)-19, IL-20 and IL-24. <i>British Journal of Dermatology</i> , 2012, 167, 92-102.	1.5	40

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37	Psoriasis drug development and GWAS interpretation through <i>in silico</i> analysis of transcription factor binding sites. <i>Clinical and Translational Medicine</i> , 2015, 4, 13.	4.0	40
38	Integrative RNA-seq and microarray data analysis reveals GC content and gene length biases in the psoriasis transcriptome. <i>Physiological Genomics</i> , 2014, 46, 533-546.	2.3	38
39	Proteomics of Skin Proteins in Psoriasis: From Discovery and Verification in a Mouse Model to Confirmation in Humans. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 109-119.	3.8	38
40	Induction of Alternative Proinflammatory Cytokines Accounts for Sustained Psoriasiform Skin Inflammation in IL-17C+IL-6KO Mice. <i>Journal of Investigative Dermatology</i> , 2017, 137, 696-705.	0.7	38
41	Six-transmembrane epithelial antigens of the prostate comprise a novel inflammatory nexus in patients with pustular skin disorders. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1217-1227.	2.9	38
42	RNA-seq identifies a diminished differentiation gene signature in primary monolayer keratinocytes grown from lesional and uninvolved psoriatic skin. <i>Scientific Reports</i> , 2017, 7, 18045.	3.3	37
43	Metalloproteinase-Mediated, Context-Dependent Function of Amphiregulin and HB-EGF in Human Keratinocytes and Skin. <i>Journal of Investigative Dermatology</i> , 2010, 130, 295-304.	0.7	36
44	Susceptibility-associated genetic variation at IL12B enhances Th1 polarization in psoriasis. <i>Human Molecular Genetics</i> , 2013, 22, 1807-1815.	2.9	35
45	Alteration of the EphA2/Ephrin-A Signaling Axis in Psoriatic Epidermis. <i>Journal of Investigative Dermatology</i> , 2013, 133, 712-722.	0.7	33
46	Meta-Profiles of Gene Expression during Aging: Limited Similarities between Mouse and Human and an Unexpectedly Decreased Inflammatory Signature. <i>PLoS ONE</i> , 2012, 7, e33204.	2.5	33
47	Patient-reported Outcomes and Clinical Response in Patients with Moderate-to-severe Plaque Psoriasis Treated with Tonsillectomy: A Randomized Controlled Trial. <i>Acta Dermato-Venereologica</i> , 2017, 97, 340-345.	1.3	32
48	IL-17 Responses Are the Dominant Inflammatory Signal Linking Inverse, Erythrodermic, and Chronic Plaque Psoriasis. <i>Journal of Investigative Dermatology</i> , 2016, 136, 2498-2501.	0.7	31
49	The EGF receptor ligand amphiregulin controls cell division via FoxM1. <i>Oncogene</i> , 2016, 35, 2075-2086.	5.9	29
50	The psoriasis-protective TYK2 I684S variant impairs IL-12 stimulated pSTAT4 response in skin-homing CD4+ and CD8+ memory T-cells. <i>Scientific Reports</i> , 2018, 8, 7043.	3.3	28
51	HLA-Cw6 homozygosity in plaque psoriasis is associated with streptococcal throat infections and pronounced improvement after tonsillectomy: A prospective case series. <i>Journal of the American Academy of Dermatology</i> , 2016, 75, 889-896.	1.2	27
52	Isolation of Mononuclear Cells from Tonsillar Tissue. <i>Current Protocols in Immunology</i> , 2009, 86, Unit 7.8.	3.6	21
53	The small molecule rhodomyltone suppresses TNF- $\alpha$ and IL-17A-induced keratinocyte inflammatory responses: A potential new therapeutic for psoriasis. <i>PLoS ONE</i> , 2018, 13, e0205340.	2.5	20
54	22 Again: IL-22 as a Risk Gene and Important Mediator in Psoriasis. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1501-1503.	0.7	17

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55	Erlotinib-Induced Skin Inflammation Is IL-1 Mediated in KC-Tie2 Mice and Human Skin Organ Culture. <i>Journal of Investigative Dermatology</i> , 2015, 135, 910-913.	0.7	16
56	Transcriptional Profiles of Leukocyte Populations Provide a Tool for Interpreting Gene Expression Patterns Associated with High Fat Diet in Mice. <i>PLoS ONE</i> , 2010, 5, e11861.	2.5	16
57	Differential effects of interleukin 12 and interleukin 10 on superantigen-induced expression of cutaneous lymphocyte-associated antigen (CLA) and $\beta_2$ integrin (CD103) by CD8+ T cells. <i>Clinical Immunology</i> , 2004, 111, 119-125.	3.2	15
58	The anti-microbial peptide LL-37 modulates immune responses in the palatine tonsils where it is exclusively expressed by neutrophils and a subset of dendritic cells. <i>Clinical Immunology</i> , 2012, 142, 139-149.	3.2	13
59	Current understanding of the genetic basis of psoriasis. <i>Expert Review of Clinical Immunology</i> , 2009, 5, 433-443.	3.0	11
60	Throat Infections are Associated with Exacerbation in a Substantial Proportion of Patients with Chronic Plaque Psoriasis. <i>Acta Dermato-Venereologica</i> , 2014, 96, 788-91.	1.3	11
61	Membrane-Tethered Intracellular Domain of Amphiregulin Promotes Keratinocyte Proliferation. <i>Journal of Investigative Dermatology</i> , 2016, 136, 444-452.	0.7	11
62	Transgenic expression of S100A2 in hairless mouse skin enhances Cxcl13 mRNA in response to solar-simulated radiation. <i>Archives of Dermatological Research</i> , 2009, 301, 205-217.	1.9	10
63	Psoriasis and the MAITing Game: A Role for IL-17A+ Invariant TCR CD8+ T Cells in Psoriasis?. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2864-2866.	0.7	8
64	The Molecular Revolution in Cutaneous Biology: The Era of Global Transcriptional Analysis. <i>Journal of Investigative Dermatology</i> , 2017, 137, e87-e91.	0.7	6
65	CYR61/CCN1: A Novel Mediator of Epidermal Hyperplasia and Inflammation in Psoriasis?. <i>Journal of Investigative Dermatology</i> , 2015, 135, 2562-2564.	0.7	5
66	Resolving Inflammation by Targeting an Ancient Innate Immune Sensor with a Bacterial Metabolite. <i>Journal of Investigative Dermatology</i> , 2017, 137, 2050-2052.	0.7	5
67	Systemic abnormalities of psoriatic patients: a retrospective study. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2016, Volume 9, 443-449.	1.8	4
68	In the Red: Deficits in Immune Regulation Underlie Psoriasis Severity. <i>Journal of Investigative Dermatology</i> , 2016, 136, 2124-2126.	0.7	1
69	The Role of CD8 T Cells and Their Antigen Receptors in Psoriasis. <i>Psoriasis Forum</i> , 2010, 16a, 39-46.	0.1	0
70	Still waters run deep: latent cytokine activity in nonlesional psoriasis skin. <i>British Journal of Dermatology</i> , 2016, 174, 19-20.	1.5	0
71	Interleukin-29: Just an extra string in the bow of Th17 cells or a target for therapeutic exploitation?. <i>Journal of Molecular Medicine</i> , 2016, 94, 373-376.	3.9	0
72	Pustular Psoriasis. , 2018, , 129-143.		0