

Lam C. Tsoi

List of Publications by Citations

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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.

111
papers

4,224
citations

31
h-index

63
g-index

125
ext. papers

5,804
ext. citations

7.8
avg. IF

5.02
L-index

#	Paper	IF	Citations
111	Identification of 15 new psoriasis susceptibility loci highlights the role of innate immunity. <i>Nature Genetics</i> , 2012 , 44, 1341-8	36.3	681
110	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	4.3	225
109	Genome-wide Association Analysis of Psoriatic Arthritis and Cutaneous Psoriasis Reveals Differences in Their Genetic Architecture. <i>American Journal of Human Genetics</i> , 2015 , 97, 816-36	11	185
108	Fine mapping major histocompatibility complex associations in psoriasis and its clinical subtypes. <i>American Journal of Human Genetics</i> , 2014 , 95, 162-72	11	151
107	Analysis of long non-coding RNAs highlights tissue-specific expression patterns and epigenetic profiles in normal and psoriatic skin. <i>Genome Biology</i> , 2015 , 16, 24	18.3	147
106	Large scale meta-analysis characterizes genetic architecture for common psoriasis associated variants. <i>Nature Communications</i> , 2017 , 8, 15382	17.4	136
105	High-density genotyping study identifies four new susceptibility loci for atopic dermatitis. <i>Nature Genetics</i> , 2013 , 45, 808-12	36.3	131
104	Atopic Dermatitis Is an IL-13-Dominant Disease with Greater Molecular Heterogeneity Compared to Psoriasis. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 1480-1489	4.3	122
103	Enhanced meta-analysis and replication studies identify five new psoriasis susceptibility loci. <i>Nature Communications</i> , 2015 , 6, 7001	17.4	122
102	Genome-wide comparative analysis of atopic dermatitis and psoriasis gives insight into opposing genetic mechanisms. <i>American Journal of Human Genetics</i> , 2015 , 96, 104-20	11	113
101	Widespread non-additive and interaction effects within HLA loci modulate the risk of autoimmune diseases. <i>Nature Genetics</i> , 2015 , 47, 1085-90	36.3	112
100	Psoriasis: a mixed autoimmune and autoinflammatory disease. <i>Current Opinion in Immunology</i> , 2017 , 49, 1-8	7.8	105
99	Investigating the Causal Relationship of C-Reactive Protein with 32 Complex Somatic and Psychiatric Outcomes: A Large-Scale Cross-Consortium Mendelian Randomization Study. <i>PLoS Medicine</i> , 2016 , 13, e1001976	11.6	100
98	Photosensitivity and type I IFN responses in cutaneous lupus are driven by epidermal-derived interferon kappa. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 1653-1664	2.4	95
97	Genome-wide meta-analysis of psoriatic arthritis identifies susceptibility locus at REL. <i>Journal of Investigative Dermatology</i> , 2012 , 132, 1133-40	4.3	89
96	Imiquimod has strain-dependent effects in mice and does not uniquely model human psoriasis. <i>Genome Medicine</i> , 2017 , 9, 24	14.4	81
95	Evidence of a causal relationship between body mass index and psoriasis: A mendelian randomization study. <i>PLoS Medicine</i> , 2019 , 16, e1002739	11.6	77

94	Genetic correlations among psychiatric and immune-related phenotypes based on genome-wide association data. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018 , 177, 641-657	3.5	75
93	Assessing Mitochondrial DNA Variation and Copy Number in Lymphocytes of ~2,000 Sardinians Using Tailored Sequencing Analysis Tools. <i>PLoS Genetics</i> , 2015 , 11, e1005306	6	72
92	Second-Strand Synthesis-Based Massively Parallel scRNA-Seq Reveals Cellular States and Molecular Features of Human Inflammatory Skin Pathologies. <i>Immunity</i> , 2020 , 53, 878-894.e7	32.3	68
91	A gene network regulated by the transcription factor VGLL3 as a promoter of sex-biased autoimmune diseases. <i>Nature Immunology</i> , 2017 , 18, 152-160	19.1	67
90	Genetic signature to provide robust risk assessment of psoriatic arthritis development in psoriasis patients. <i>Nature Communications</i> , 2018 , 9, 4178	17.4	61
89	Errestin-selective G protein-coupled receptor agonists engender unique biological efficacy in vivo. <i>Molecular Endocrinology</i> , 2013 , 27, 296-314		54
88	miR-146b Probably Assists miRNA-146a in the Suppression of Keratinocyte Proliferation and Inflammatory Responses in Psoriasis. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 1945-1954	4.3	48
87	RNA-Seq Analysis of IL-1B and IL-36 Responses in Epidermal Keratinocytes Identifies a Shared MyD88-Dependent Gene Signature. <i>Frontiers in Immunology</i> , 2018 , 9, 80	8.4	47
86	Psoriasis and cardiometabolic traits: modest association but distinct genetic architectures. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 1283-1293	4.3	38
85	Machine learning workflow to enhance predictions of Adverse Drug Reactions (ADRs) through drug-gene interactions: application to drugs for cutaneous diseases. <i>Scientific Reports</i> , 2017 , 7, 3690	4.9	37
84	Cytokines: the diverse contribution of keratinocytes to immune responses in skin. <i>JCI Insight</i> , 2020 , 5,	9.9	37
83	Neutrophil Subsets, Platelets, and Vascular Disease in Psoriasis. <i>JACC Basic To Translational Science</i> , 2019 , 4, 1-14	8.7	36
82	Progression of acute-to-chronic atopic dermatitis is associated with quantitative rather than qualitative changes in cytokine responses. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 1406-1415	11.5	32
81	TIGAR: An Improved Bayesian Tool for Transcriptomic Data Imputation Enhances Gene Mapping of Complex Traits. <i>American Journal of Human Genetics</i> , 2019 , 105, 258-266	11	31
80	Contribution of plasma cells and B cells to hidradenitis suppurativa pathogenesis. <i>JCI Insight</i> , 2020 , 5,	9.9	31
79	Psoriasis-Associated Late Cornified Envelope (LCE) Proteins Have Antibacterial Activity. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 2380-2388	4.3	30
78	Drug Repurposing Prediction for Immune-Mediated Cutaneous Diseases using a Word-Embedding-Based Machine Learning Approach. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 683-691	4.3	29
77	Neutrophil Extracellular Traps Induce Human Th17 Cells: Effect of Psoriasis-Associated TRAF3IP2 Genotype. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 1245-1253	4.3	29

76	A Review of Recent Advancement in Integrating Omics Data with Literature Mining towards Biomedical Discoveries. <i>International Journal of Genomics</i> , 2017 , 2017, 6213474	2.5	28
75	The female-biased factor VGLL3 drives cutaneous and systemic autoimmunity. <i>JCI Insight</i> , 2019 , 4,	9.9	28
74	Endogenous Glucocorticoid Deficiency in Psoriasis Promotes Inflammation and Abnormal Differentiation. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 1474-1483	4.3	27
73	IFN- γ enhances cell-mediated cytotoxicity against keratinocytes via JAK2/STAT1 in lichen planus. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	26
72	Exome-wide association study reveals novel psoriasis susceptibility locus at TNFSF15 and rare protective alleles in genes contributing to type I IFN signalling. <i>Human Molecular Genetics</i> , 2017 , 26, 4301-4313 ²⁵	5.6	25
71	Molecular Profiling of Cutaneous Lupus Lesions Identifies Subgroups Distinct from Clinical Phenotypes. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	24
70	A role for Fli-1 in B cell proliferation: implications for SLE pathogenesis. <i>Clinical Immunology</i> , 2008 , 129, 19-30	9	24
69	GRHL3 binding and enhancers rearrange as epidermal keratinocytes transition between functional states. <i>PLoS Genetics</i> , 2017 , 13, e1006745	6	24
68	Highly Efficient, Massively-Parallel Single-Cell RNA-Seq Reveals Cellular States and Molecular Features of Human Skin Pathology		22
67	Fine mapping of eight psoriasis susceptibility loci. <i>European Journal of Human Genetics</i> , 2015 , 23, 844-53 ^{5,3}	5.3	21
66	Epigenome-wide association data implicates DNA methylation-mediated genetic risk in psoriasis. <i>Clinical Epigenetics</i> , 2016 , 8, 131	7.7	21
65	Hypersensitive IFN Responses in Lupus Keratinocytes Reveal Key Mechanistic Determinants in Cutaneous Lupus. <i>Journal of Immunology</i> , 2019 , 202, 2121-2130	5.3	21
64	Circadian control of interferon-sensitive gene expression in murine skin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 5761-5771	11.5	19
63	Niche-Specific Factors Dynamically Regulate Sebaceous Gland Stem Cells in the Skin. <i>Developmental Cell</i> , 2019 , 51, 326-340.e4	10.2	17
62	Systemic evaluation of the relationship between psoriasis, psoriatic arthritis and osteoporosis: observational and Mendelian randomisation study. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 1460-1467 ^{7,4}	7.4	17
61	Dual Role of Act1 in Keratinocyte Differentiation and Host Defense: TRAF3IP2 Silencing Alters Keratinocyte Differentiation and Inhibits IL-17 Responses. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 1501-1511	4.3	16
60	KLK6 expression in skin induces PAR1-mediated psoriasiform dermatitis and inflammatory joint disease. <i>Journal of Clinical Investigation</i> , 2020 , 130, 3151-3157	15.9	16
59	Staphylococcus aureus Colonization Is Increased on Lupus Skin Lesions and Is Promoted by IFN-Mediated Barrier Disruption. <i>Journal of Investigative Dermatology</i> , 2020 , 140, 1066-1074.e4	4.3	16

58	Evaluation of genome-wide association study results through development of ontology fingerprints. <i>Bioinformatics</i> , 2009 , 25, 1314-20	7.2	15
57	Meta-analysis of RNA sequencing datasets reveals an association between TRAJ23, psoriasis, and IL-17A. <i>JCI Insight</i> , 2018 , 3,	9.9	15
56	Text-mining approach to evaluate terms for ontology development. <i>Journal of Biomedical Informatics</i> , 2009 , 42, 824-30	10.2	14
55	"Autoinflammatory psoriasis"-genetics and biology of pustular psoriasis. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 307-317	15.4	14
54	Signaling network prediction by the Ontology Fingerprint enhanced Bayesian network. <i>BMC Systems Biology</i> , 2012 , 6 Suppl 3, S3	3.5	13
53	Epigenetic regulation of the PGE2 pathway modulates macrophage phenotype in normal and pathologic wound repair. <i>JCI Insight</i> , 2020 , 5,	9.9	13
52	The cellular architecture of the antimicrobial response network in human leprosy granulomas. <i>Nature Immunology</i> , 2021 , 22, 839-850	19.1	13
51	Novel cytokine and chemokine markers of hidradenitis suppurativa reflect chronic inflammation and itch. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 631-634	9.3	13
50	A Transethnic Mendelian Randomization Study Identifies Causality of Obesity on Risk of Psoriasis. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 1397-1400	4.3	11
49	Finding pathway-modulating genes from a novel Ontology Fingerprint-derived gene network. <i>Nucleic Acids Research</i> , 2014 , 42, e138	20.1	11
48	A rare coding allele in is protective for psoriatic arthritis. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 1321-1324	2.4	10
47	Philometrids of the southern flounder <i>Paralichthys lethostigma</i> : a multidimensional approach to determine their diversity. <i>Journal of Parasitology</i> , 2011 , 97, 466-75	0.9	10
46	IL18-containing 5-gene signature distinguishes histologically identical dermatomyositis and lupus erythematosus skin lesions. <i>JCI Insight</i> , 2020 , 5,	9.9	10
45	Associations between COVID-19 and skin conditions identified through epidemiology and genomic studies. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 857-869.e7	11.5	10
44	Causal Relationship and Shared Genetic Loci between Psoriasis and Type 2 Diabetes through Trans-Disease Meta-Analysis. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 1493-1502	4.3	10
43	Inhibition of macrophage histone demethylase JMJD3 protects against abdominal aortic aneurysms. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	10
42	Application of machine learning to determine top predictors of noncalcified coronary burden in psoriasis: An observational cohort study. <i>Journal of the American Academy of Dermatology</i> , 2020 , 83, 1647-1653	4.5	9
41	Characterization of circular RNA transcriptomes in psoriasis and atopic dermatitis reveals disease-specific expression profiles. <i>Experimental Dermatology</i> , 2021 , 30, 1187-1196	4	9

40	2D Visualization of the Psoriasis Transcriptome Fails to Support the Existence of Dual-Secreting IL-17A/IL-22 Th17 T Cells. <i>Frontiers in Immunology</i> , 2019 , 10, 589	8.4	8
39	Graphical algorithm for integration of genetic and biological data: proof of principle using psoriasis as a model. <i>Bioinformatics</i> , 2015 , 31, 1243-9	7.2	7
38	Consistent Differential Expression Pattern (CDEP) on microarray to identify genes related to metastatic behavior. <i>BMC Bioinformatics</i> , 2011 , 12, 438	3.6	7
37	Prognostic value of intratumoral lymphocyte-to-monocyte ratio and M0 macrophage enrichment in tumor immune microenvironment of melanoma. <i>Melanoma Management</i> , 2020 , 7, MMT51	2.1	7
36	Netherton syndrome subtypes share IL-17/IL-36 signature with distinct IFN- γ and allergic responses. <i>Journal of Allergy and Clinical Immunology</i> , 2021 ,	11.5	6
35	The Molecular Revolution in Cutaneous Biology: The Era of Global Transcriptional Analysis. <i>Journal of Investigative Dermatology</i> , 2017 , 137, e87-e91	4.3	5
34	Integrative Approach to Reveal Cell Type Specificity and Gene Candidates for Psoriatic Arthritis Outside the MHC. <i>Frontiers in Genetics</i> , 2019 , 10, 304	4.5	5
33	Cytokine responses in nonlesional psoriatic skin as clinical predictor to anti-TNF agents. <i>Journal of Allergy and Clinical Immunology</i> , 2021 ,	11.5	5
32	Phospholipase A2 enzymes represent a shared pathogenic pathway in psoriasis and pityriasis rubra pilaris. <i>JCI Insight</i> , 2021 , 6,	9.9	5
31	Translational implications of Th17-skewed inflammation due to genetic deficiency of a cadherin stress sensor.. <i>Journal of Clinical Investigation</i> , 2021 ,	15.9	4
30	TIGAR: An Improved Bayesian Tool for Transcriptomic Data Imputation Enhances Gene Mapping of Complex Traits		4
29	Research Techniques Made Simple: Using Genome-Wide Association Studies to Understand Complex Cutaneous Disorders. <i>Journal of Investigative Dermatology</i> , 2018 , 138, e23-e29	4.3	3
28	Transcriptional determinants of individualized inflammatory responses at anatomically separate sites. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 805-808	11.5	3
27	Transcriptomic characterization of prurigo nodularis and the therapeutic response to nemolizumab. <i>Journal of Allergy and Clinical Immunology</i> , 2021 ,	11.5	3
26	Single Cell and Spatial Transcriptomics Defines the Cellular Architecture of the Antimicrobial Response Network in Human Leprosy Granulomas		3
25	Hyperlipidaemia and IFN γ /TNF α Synergism are associated with cholesterol crystal formation in Endothelial cells partly through modulation of Lysosomal pH and Cholesterol homeostasis. <i>EBioMedicine</i> , 2020 , 59, 102876	8.8	3
24	Dysregulated epigenetic modifications in psoriasis. <i>Experimental Dermatology</i> , 2021 , 30, 1156-1166	4	3
23	(RIG-I)-related disease is associated with tissue-specific interferon pathway activation. <i>Journal of Medical Genetics</i> , 2021 ,	5.8	3

22	Advancement in predicting interactions between drugs used to treat psoriasis and its comorbidities by integrating molecular and clinical resources. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 1159-1167	8.6	3
21	PEG10 amplification at 7q21.3 potentiates large-cell transformation in cutaneous T-cell lymphoma. <i>Blood</i> , 2021 ,	2.2	3
20	Nonlesional lupus skin contributes to inflammatory education of myeloid cells and primes for cutaneous inflammation.. <i>Science Translational Medicine</i> , 2022 , 14, eabn2263	17.5	3
19	Evidence of a common causal relationship between body mass index and inflammatory skin disease: a Mendelian Randomization study		2
18	Genetic correlations among psychiatric and immune-related phenotypes based on genome-wide association data		2
17	IFN- β s a Rheostat for Development of Psoriasiform Inflammation. <i>Journal of Investigative Dermatology</i> , 2021 ,	4.3	2
16	IRAK2 Has a Critical Role in Promoting Feed-Forward Amplification of Epidermal Inflammatory Responses. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 2436-2448	4.3	2
15	Exome Chip Analyses and Genetic Risk for IgA Nephropathy among Han Chinese. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021 , 16, 213-224	6.9	2
14	Roles Played by Stress-Induced Pathways in Driving Ethnic Heterogeneity for Inflammatory Skin Diseases.. <i>Frontiers in Immunology</i> , 2022 , 13, 845655	8.4	2
13	Simple Analysis of Deposited Gene Expression Datasets for the Non-Bioinformatician: How to Use GEO for Fibrosis Research. <i>Methods in Molecular Biology</i> , 2017 , 1627, 511-525	1.4	1
12	Direct cellular reprogramming enables development of viral T antigen-driven Merkel cell carcinoma in mice.. <i>Journal of Clinical Investigation</i> , 2022 ,	15.9	1
11	SKiM - A generalized literature-based discovery system for uncovering novel biomedical knowledge from PubMed		1
10	B Cell Signatures Distinguish Cutaneous Lupus Erythematosus Subtypes and the Presence of Systemic Disease Activity. <i>Frontiers in Immunology</i> , 2021 , 12, 775353	8.4	1
9	Transcriptome analysis reveals intrinsic pro-inflammatory signaling in healthy African American skin. <i>Journal of Investigative Dermatology</i> , 2021 ,	4.3	1
8	Large-Scale Imputation of KIR Copy Number and HLA Alleles in North American and European Psoriasis Case-Control Cohorts Reveals Association of Inhibitory KIR2DL2 With Psoriasis. <i>Frontiers in Immunology</i> , 2021 , 12, 684326	8.4	1
7	Comparison of Lesional Juvenile Myositis and Lupus Skin Reveals Overlapping Yet Unique Disease Pathophysiology. <i>Arthritis and Rheumatology</i> , 2021 , 73, 1062-1072	9.5	1
6	Non-lesional and Lesional Lupus Skin Share Inflammatory Phenotypes that Drive Activation of CD16+ Dendritic Cells		1
5	Transethnic analysis of psoriasis susceptibility in South Asians and Europeans enhances fine-mapping in the MHC and genomewide.. <i>Human Genetics and Genomics Advances</i> , 2022 , 3, 100069-100069	0.8	0

4	Skin-Expressing lncRNAs in Inflammatory Responses.. <i>Frontiers in Genetics</i> , 2022 , 13, 835740	4.5	o
3	Making New Connections-Chromosome Conformation Capture for Identification of Disease-Associated Target Genes. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 514-517	4.3	
2	4421 Exposure to topical antimicrobials reduces inflammatory gene expression in keratinocytes. <i>Journal of Clinical and Translational Science</i> , 2020 , 4, 131-131	0.4	
1	A method of microarray data storage using array data type. <i>Computational Biology and Chemistry</i> , 2007 , 31, 143-7	3.6	