Lam C. Tsoi

List of Publications by Year in Descending Order

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Version: 2024-04-20

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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	Direct cellular reprogramming enables development of viral T antigen-driven Merkel cell carcinoma in mice.. *Journal of Clinical Investigation*, **2022**,	15.9	1
110	Transethnic analysis of psoriasis susceptibility in South Asians and Europeans enhances fine-mapping in the MHC and genomewide.. *Human Genetics and Genomics Advances*, **2022**, 3, 100069-100069	0.8	0
109	Skin-Expressing lncRNAs in Inflammatory Responses.. *Frontiers in Genetics*, **2022**, 13, 835740	4.5	0
108	Roles Played by Stress-Induced Pathways in Driving Ethnic Heterogeneity for Inflammatory Skin Diseases.. *Frontiers in Immunology*, **2022**, 13, 845655	8.4	2
107	Nonlesional lupus skin contributes to inflammatory education of myeloid cells and primes for cutaneous inflammation.. *Science Translational Medicine*, **2022**, 14, eabn2263	17.5	3
106	Translational implications of Th17-skewed inflammation due to genetic deficiency of a cadherin stress sensor.. *Journal of Clinical Investigation*, **2021**,	15.9	4
105	B Cell Signatures Distinguish Cutaneous Lupus Erythematosus Subtypes and the Presence of Systemic Disease Activity. *Frontiers in Immunology*, **2021**, 12, 775353	8.4	1
104	Transcriptomic characterization of prurigo nodularis and the therapeutic response to nemolizumab. *Journal of Allergy and Clinical Immunology*, **2021**,	11.5	3
103	Transcriptome analysis reveals intrinsic pro-inflammatory signaling in healthy African American skin. *Journal of Investigative Dermatology*, **2021**,	4.3	1
102	Characterization of circular RNA transcriptomes in psoriasis and atopic dermatitis reveals disease-specific expression profiles. *Experimental Dermatology*, **2021**, 30, 1187-1196	4	9
101	Associations between COVID-19 and skin conditions identified through epidemiology and genomic studies. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 857-869.e7	11.5	10
100	Dysregulated epigenetic modifications in psoriasis. *Experimental Dermatology*, **2021**, 30, 1156-1166	4	3
99	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. *Frontiers in Immunology*, **2021**, 12, 684326	8.4	1
98	Causal Relationship and Shared Genetic Loci between Psoriasis and Type 2 Diabetes through Trans-Disease Meta-Analysis. *Journal of Investigative Dermatology*, **2021**, 141, 1493-1502	4.3	10
97	The cellular architecture of the antimicrobial response network in human leprosy granulomas. *Nature Immunology*, **2021**, 22, 839-850	19.1	13
96	Cytokine responses in nonlesional psoriatic skin as clinical predictor to anti-TNF agents. *Journal of Allergy and Clinical Immunology*, **2021**,	11.5	5
95	Comparison of Lesional Juvenile Myositis and Lupus Skin Reveals Overlapping Yet Unique Disease Pathophysiology. *Arthritis and Rheumatology*, **2021**, 73, 1062-1072	9.5	1

94	"Autoinflammatory psoriasis"-genetics and biology of pustular psoriasis. *Cellular and Molecular Immunology*, **2021**, 18, 307-317	15.4	14
93	(RIG-I)-related disease is associated with tissue-specific interferon pathway activation. *Journal of Medical Genetics*, **2021**,	5.8	3
92	Advancement in predicting interactions between drugs used to treat psoriasis and its comorbidities by integrating molecular and clinical resources. *Journal of the American Medical Informatics Association: JAMIA*, **2021**, 28, 1159-1167	8.6	3
91	Inhibition of macrophage histone demethylase JMJD3 protects against abdominal aortic aneurysms. *Journal of Experimental Medicine*, **2021**, 218,	16.6	10
90	IFN- s a Rheostat for Development of Psoriasiform Inflammation. *Journal of Investigative Dermatology*, **2021**,	4.3	2
89	Phospholipase A2 enzymes represent a shared pathogenic pathway in psoriasis and pityriasis rubra pilaris. *JCI Insight*, **2021**, 6,	9.9	5
88	Netherton syndrome subtypes share IL-17/IL-36 signature with distinct IFN- and allergic responses. *Journal of Allergy and Clinical Immunology*, **2021**,	11.5	6
87	PEG10 amplification at 7q21.3 potentiates large-cell transformation in cutaneous T-cell lymphoma. *Blood*, **2021**,	2.2	3
86	IRAK2 Has a Critical Role in Promoting Feed-Forward Amplification of Epidermal Inflammatory Responses. *Journal of Investigative Dermatology*, **2021**, 141, 2436-2448	4.3	2
85	Exome Chip Analyses and Genetic Risk for IgA Nephropathy among Han Chinese. *Clinical Journal of the American Society of Nephrology: CJASN*, **2021**, 16, 213-224	6.9	2
84	4421 Exposure to topical antimicrobials reduces inflammatory gene expression in keratinocytes. *Journal of Clinical and Translational Science*, **2020**, 4, 131-131	0.4	
83	Circadian control of interferon-sensitive gene expression in murine skin. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 5761-5771	11.5	19
82	Epigenetic regulation of the PGE2 pathway modulates macrophage phenotype in normal and pathologic wound repair. *JCI Insight*, **2020**, 5,	9.9	13
81	IL18-containing 5-gene signature distinguishes histologically identical dermatomyositis and lupus erythematosus skin lesions. *JCI Insight*, **2020**, 5,	9.9	10
80	Contribution of plasma cells and B cells to hidradenitis suppurativa pathogenesis. *JCI Insight*, **2020**, 5,	9.9	31
79	Cytokinocytes: the diverse contribution of keratinocytes to immune responses in skin. *JCI Insight*, **2020**, 5,	9.9	37
78	KLK6 expression in skin induces PAR1-mediated psoriasiform dermatitis and inflammatory joint disease. *Journal of Clinical Investigation*, **2020**, 130, 3151-3157	15.9	16
77	Application of machine learning to determine top predictors of noncalcified coronary burden in psoriasis: An observational cohort study. *Journal of the American Academy of Dermatology*, **2020**, 83, 1647-1653	4.5	9

76	Staphylococcus aureus Colonization Is Increased on Lupus Skin Lesions and Is Promoted by IFN-Mediated Barrier Disruption. *Journal of Investigative Dermatology*, **2020**, 140, 1066-1074.e4	4.3	16
75	Progression of acute-to-chronic atopic dermatitis is associated with quantitative rather than qualitative changes in cytokine responses. *Journal of Allergy and Clinical Immunology*, **2020**, 145, 1406-1415	11.5	32
74	Second-Strand Synthesis-Based Massively Parallel scRNA-Seq Reveals Cellular States and Molecular Features of Human Inflammatory Skin Pathologies. *Immunity*, **2020**, 53, 878-894.e7	32.3	68
73	Systemic evaluation of the relationship between psoriasis, psoriatic arthritis and osteoporosis: observational and Mendelian randomisation study. *Annals of the Rheumatic Diseases*, **2020**, 79, 1460-1467	2.4	17
72	Hyperlipidaemia and IFNgamma/TNFalpha Synergism are associated with cholesterol crystal formation in Endothelial cells partly through modulation of Lysosomal pH and Cholesterol homeostasis. *EBioMedicine*, **2020**, 59, 102876	8.8	3
71	Prognostic value of intratumoral lymphocyte-to-monocyte ratio and M0 macrophage enrichment in tumor immune microenvironment of melanoma. *Melanoma Management*, **2020**, 7, MMT51	2.1	7
70	Niche-Specific Factors Dynamically Regulate Sebaceous Gland Stem Cells in the Skin. *Developmental Cell*, **2019**, 51, 326-340.e4	10.2	17
69	IFN-□enhances cell-mediated cytotoxicity against keratinocytes via JAK2/STAT1 in lichen planus. *Science Translational Medicine*, **2019**, 11,	17.5	26
68	Evidence of a causal relationship between body mass index and psoriasis: A mendelian randomization study. *PLoS Medicine*, **2019**, 16, e1002739	11.6	77
67	Drug Repurposing Prediction for Immune-Mediated Cutaneous Diseases using a Word-Embedding-Based Machine Learning Approach. *Journal of Investigative Dermatology*, **2019**, 139, 683-691	4.3	29
66	Neutrophil Subsets, Platelets, and□Vascular Disease in Psoriasis. *JACC Basic To Translational Science*, **2019**, 4, 1-14	8.7	36
65	Atopic Dermatitis Is an IL-13-Dominant Disease with Greater Molecular Heterogeneity Compared to Psoriasis. *Journal of Investigative Dermatology*, **2019**, 139, 1480-1489	4.3	122
64	A Transethnic Mendelian Randomization Study Identifies Causality of Obesity on Risk of Psoriasis. *Journal of Investigative Dermatology*, **2019**, 139, 1397-1400	4.3	11
63	2D Visualization of the Psoriasis Transcriptome Fails to Support the Existence of Dual-Secreting IL-17A/IL-22 Th17 T Cells. *Frontiers in Immunology*, **2019**, 10, 589	8.4	8
62	Integrative Approach to Reveal Cell Type Specificity and Gene Candidates for Psoriatic Arthritis Outside the MHC. *Frontiers in Genetics*, **2019**, 10, 304	4.5	5
61	Making New Connections-Chromosome Conformation Capture for Identification of Disease-Associated Target Genes. *Journal of Investigative Dermatology*, **2019**, 139, 514-517	4.3	
60	Molecular Profiling of Cutaneous Lupus Lesions Identifies Subgroups Distinct from Clinical Phenotypes. *Journal of Clinical Medicine*, **2019**, 8,	5.1	24
59	TIGAR: An Improved Bayesian Tool for Transcriptomic Data Imputation Enhances Gene Mapping of Complex Traits. *American Journal of Human Genetics*, **2019**, 105, 258-266	11	31

58	The female-biased factor VGLL3 drives cutaneous and systemic autoimmunity. *JCI Insight*, **2019**, 4,	9.9	28
57	Hypersensitive IFN Responses in Lupus Keratinocytes Reveal Key Mechanistic Determinants in Cutaneous Lupus. *Journal of Immunology*, **2019**, 202, 2121-2130	5.3	21
56	Neutrophil Extracellular Traps Induce Human Th17 Cells: Effect of Psoriasis-Associated TRAF3IP2 Genotype. *Journal of Investigative Dermatology*, **2019**, 139, 1245-1253	4.3	29
55	Novel cytokine and chemokine markers of hidradenitis suppurativa reflect chronic inflammation and itch. *Allergy: European Journal of Allergy and Clinical Immunology*, **2019**, 74, 631-634	9.3	13
54	Research Techniques Made Simple: Using Genome-Wide Association Studies to Understand Complex Cutaneous Disorders. *Journal of Investigative Dermatology*, **2018**, 138, e23-e29	4.3	3
53	Transcriptional determinants of individualized inflammatory responses at anatomically separate sites. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 805-808	11.5	3
52	RNA-Seq Analysis of IL-1B and IL-36 Responses in Epidermal Keratinocytes Identifies a Shared MyD88-Dependent Gene Signature. *Frontiers in Immunology*, **2018**, 9, 80	8.4	47
51	Photosensitivity and type I IFN responses in cutaneous lupus are driven by epidermal-derived interferon kappa. *Annals of the Rheumatic Diseases*, **2018**, 77, 1653-1664	2.4	95
50	Meta-analysis of RNA sequencing datasets reveals an association between TRAJ23, psoriasis, and IL-17A. *JCI Insight*, **2018**, 3,	9.9	15
49	Genetic signature to provide robust risk assessment of psoriatic arthritis development in psoriasis patients. *Nature Communications*, **2018**, 9, 4178	17.4	61
48	Genetic correlations among psychiatric and immune-related phenotypes based on genome-wide association data. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2018**, 177, 641-657	3.5	75
47	Dual Role of Act1 in Keratinocyte Differentiation and Host Defense: TRAF3IP2 Silencing Alters Keratinocyte Differentiation and Inhibits IL-17 Responses. *Journal of Investigative Dermatology*, **2017**, 137, 1501-1511	4.3	16
46	Imiquimod has strain-dependent effects in mice and does not uniquely model human psoriasis. *Genome Medicine*, **2017**, 9, 24	14.4	81
45	Endogenous Glucocorticoid Deficiency in Psoriasis Promotes Inflammation and Abnormal Differentiation. *Journal of Investigative Dermatology*, **2017**, 137, 1474-1483	4.3	27
44	The Molecular Revolution in Cutaneous Biology: The Era of Global Transcriptional Analysis. *Journal of Investigative Dermatology*, **2017**, 137, e87-e91	4.3	5
43	A rare coding allele in is protective for psoriatic arthritis. *Annals of the Rheumatic Diseases*, **2017**, 76, 1321-1324	2.4	10
42	Psoriasis-Associated Late Cornified Envelope (LCE) Proteins Have Antibacterial Activity. *Journal of Investigative Dermatology*, **2017**, 137, 2380-2388	4.3	30
41	Machine learning workflow to enhance predictions of Adverse Drug Reactions (ADRs) through drug-gene interactions: application to drugs for cutaneous diseases. *Scientific Reports*, **2017**, 7, 3690	4.9	37

40	Large scale meta-analysis characterizes genetic architecture for common psoriasis associated variants. *Nature Communications*, **2017**, 8, 15382	17.4	136
39	miR-146b Probably Assists miRNA-146a in the Suppression of Keratinocyte Proliferation and Inflammatory Responses in Psoriasis. *Journal of Investigative Dermatology*, **2017**, 137, 1945-1954	4.3	48
38	A gene network regulated by the transcription factor VGLL3 as a promoter of sex-biased autoimmune diseases. *Nature Immunology*, **2017**, 18, 152-160	19.1	67
37	Simple Analysis of Deposited Gene Expression Datasets for the Non-Bioinformatician: How to Use GEO for Fibrosis Research. *Methods in Molecular Biology*, **2017**, 1627, 511-525	1.4	1
36	Psoriasis: a mixed autoimmune and autoinflammatory disease. *Current Opinion in Immunology*, **2017**, 49, 1-8	7.8	105
35	Exome-wide association study reveals novel psoriasis susceptibility locus at TNFSF15 and rare protective alleles in genes contributing to type I IFN signalling. *Human Molecular Genetics*, **2017**, 26, 4301-4313	5.6	25
34	A Review of Recent Advancement in Integrating Omics Data with Literature Mining towards Biomedical Discoveries. *International Journal of Genomics*, **2017**, 2017, 6213474	2.5	28
33	GRHL3 binding and enhancers rearrange as epidermal keratinocytes transition between functional states. *PLoS Genetics*, **2017**, 13, e1006745	6	24
32	Investigating the Causal Relationship of C-Reactive Protein with 32 Complex Somatic and Psychiatric Outcomes: A Large-Scale Cross-Consortium Mendelian Randomization Study. *PLoS Medicine*, **2016**, 13, e1001976	11.6	100
31	Epigenome-wide association data implicates DNA methylation-mediated genetic risk in psoriasis. *Clinical Epigenetics*, **2016**, 8, 131	7.7	21
30	Graphical algorithm for integration of genetic and biological data: proof of principle using psoriasis as a model. *Bioinformatics*, **2015**, 31, 1243-9	7.2	7
29	Analysis of long non-coding RNAs highlights tissue-specific expression patterns and epigenetic profiles in normal and psoriatic skin. *Genome Biology*, **2015**, 16, 24	18.3	147
28	Widespread non-additive and interaction effects within HLA loci modulate the risk of autoimmune diseases. *Nature Genetics*, **2015**, 47, 1085-90	36.3	112
27	Genome-wide Association Analysis of Psoriatic Arthritis and Cutaneous Psoriasis Reveals Differences in Their Genetic Architecture. *American Journal of Human Genetics*, **2015**, 97, 816-36	11	185
26	Fine mapping of eight psoriasis susceptibility loci. *European Journal of Human Genetics*, **2015**, 23, 844-53	5.3	21
25	Assessing Mitochondrial DNA Variation and Copy Number in Lymphocytes of ~2,000 Sardinians Using Tailored Sequencing Analysis Tools. *PLoS Genetics*, **2015**, 11, e1005306	6	72
24	Enhanced meta-analysis and replication studies identify five new psoriasis susceptibility loci. *Nature Communications*, **2015**, 6, 7001	17.4	122
23	Genome-wide comparative analysis of atopic dermatitis and psoriasis gives insight into opposing genetic mechanisms. *American Journal of Human Genetics*, **2015**, 96, 104-20	11	113

22	Psoriasis and cardiometabolic traits: modest association but distinct genetic architectures. *Journal of Investigative Dermatology*, **2015**, 135, 1283-1293	4.3	38
21	Transcriptome analysis of psoriasis in a large case-control sample: RNA-seq provides insights into disease mechanisms. *Journal of Investigative Dermatology*, **2014**, 134, 1828-1838	4.3	225
20	Fine mapping major histocompatibility complex associations in psoriasis and its clinical subtypes. *American Journal of Human Genetics*, **2014**, 95, 162-72	11	151
19	Finding pathway-modulating genes from a novel Ontology Fingerprint-derived gene network. *Nucleic Acids Research*, **2014**, 42, e138	20.1	11
18	High-density genotyping study identifies four new susceptibility loci for atopic dermatitis. *Nature Genetics*, **2013**, 45, 808-12	36.3	131
17	-arrestin-selective G protein-coupled receptor agonists engender unique biological efficacy in vivo. *Molecular Endocrinology*, **2013**, 27, 296-314		54
16	Signaling network prediction by the Ontology Fingerprint enhanced Bayesian network. *BMC Systems Biology*, **2012**, 6 Suppl 3, S3	3.5	13
15	Identification of 15 new psoriasis susceptibility loci highlights the role of innate immunity. *Nature Genetics*, **2012**, 44, 1341-8	36.3	681
14	Genome-wide meta-analysis of psoriatic arthritis identifies susceptibility locus at REL. *Journal of Investigative Dermatology*, **2012**, 132, 1133-40	4.3	89
13	Consistent Differential Expression Pattern (CDEP) on microarray to identify genes related to metastatic behavior. *BMC Bioinformatics*, **2011**, 12, 438	3.6	7
12	Philometrids of the southern flounder Paralichthys lethostigma: a multidimensional approach to determine their diversity. *Journal of Parasitology*, **2011**, 97, 466-75	0.9	10
11	Evaluation of genome-wide association study results through development of ontology fingerprints. *Bioinformatics*, **2009**, 25, 1314-20	7.2	15
10	Text-mining approach to evaluate terms for ontology development. *Journal of Biomedical Informatics*, **2009**, 42, 824-30	10.2	14
9	A role for Fli-1 in B cell proliferation: implications for SLE pathogenesis. *Clinical Immunology*, **2008**, 129, 19-30	9	24
8	A method of microarray data storage using array data type. *Computational Biology and Chemistry*, **2007**, 31, 143-7	3.6	
7	SKiM - A generalized literature-based discovery system for uncovering novel biomedical knowledge from PubMed		1
6	Evidence of a common causal relationship between body mass index and inflammatory skin disease: a Mendelian Randomization study		2
5	Genetic correlations among psychiatric and immune-related phenotypes based on genome-wide association data		2

4	Single Cell and Spatial Transcriptomics Defines the Cellular Architecture of the Antimicrobial Response Network in Human Leprosy Granulomas	3
3	TIGAR: An Improved Bayesian Tool for Transcriptomic Data Imputation Enhances Gene Mapping of Complex Traits	4
2	Highly Efficient, Massively-Parallel Single-Cell RNA-Seq Reveals Cellular States and Molecular Features of Human Skin Pathology	22
1	Non-lesional and Lesional Lupus Skin Share Inflammatory Phenotypes that Drive Activation of CD16+ Dendritic Cells	1