

# Akul Singhanian

## List of Publications by Year in Descending Order

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**Version:** 2024-04-26

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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.

31  
papers

990  
citations

17  
h-index

31  
g-index

36  
ext. papers

1,299  
ext. citations

7  
avg, IF

3.66  
L-index

#	Paper	IF	Citations
31	A metric for evaluating biological information in gene sets and its application to identify co-expressed gene clusters in PBMC. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1009459	5	0
30	HLA-DR Marks Recently Divided Antigen-Specific Effector CD4 T Cells in Active Tuberculosis Patients. <i>Journal of Immunology</i> , <b>2021</b> , 207, 523-533	5.3	0
29	Blood transcriptomics reveal the evolution and resolution of the immune response in tuberculosis. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	5
28	Distinct blood transcriptomic signature of treatment in latent tuberculosis infected individuals at risk of developing active disease. <i>Tuberculosis</i> , <b>2021</b> , 131, 102127	2.6	2
27	The TCR repertoire of Eynuclein-specific T cells in Parkinson's disease is surprisingly diverse. <i>Scientific Reports</i> , <b>2021</b> , 11, 302	4.9	8
26	CD4+CCR6+ T cells dominate the BCG-induced transcriptional signature.. <i>EBioMedicine</i> , <b>2021</b> , 74, 103746	6.8	1
25	Mouse transcriptome reveals potential signatures of protection and pathogenesis in human tuberculosis. <i>Nature Immunology</i> , <b>2020</b> , 21, 464-476	19.1	28
24	Upregulation of epithelial metallothioneins by metal-rich ultrafine particulate matter from an underground railway. <i>Metallomics</i> , <b>2020</b> , 12, 1070-1082	4.5	3
23	Epithelial IL-6 trans-signaling defines a new asthma phenotype with increased airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 577-590	11.5	90
22	Transcriptional profiling unveils type I and II interferon networks in blood and tissues across diseases. <i>Nature Communications</i> , <b>2019</b> , 10, 2887	17.4	32
21	Multitissue Transcriptomics Delineates the Diversity of Airway T Cell Functions in Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2018</b> , 58, 261-270	5.7	43
20	A modular transcriptional signature identifies phenotypic heterogeneity of human tuberculosis infection. <i>Nature Communications</i> , <b>2018</b> , 9, 2308	17.4	88
19	The value of transcriptomics in advancing knowledge of the immune response and diagnosis in tuberculosis. <i>Nature Immunology</i> , <b>2018</b> , 19, 1159-1168	19.1	51
18	OnPLS-Based Multi-Block Data Integration: A Multivariate Approach to Interrogating Biological Interactions in Asthma. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 13400-13408	7.8	18
17	Quantitative and qualitative iNKT repertoire associations with disease susceptibility and outcome in macaque tuberculosis infection. <i>Tuberculosis</i> , <b>2017</b> , 105, 86-95	2.6	15
16	IFN- $\gamma$ Influences Epithelial Antiviral Responses via Histone Methylation of the RIG-I Promoter. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2017</b> , 57, 428-438	5.7	12
15	Altered Epithelial Gene Expression in Peripheral Airways of Severe Asthma. <i>PLoS ONE</i> , <b>2017</b> , 12, e0168689	6.9	38

14	Dose-responsive gene expression in suberoylanilide hydroxamic acid-treated resting CD4+ T cells. <i>Aids</i> , <b>2015</b> , 29, 2235-44	3.5	16
13	Are you also what your mother eats? Distinct proteomic portrait as a result of maternal high-fat diet in the cerebral cortex of the adult mouse. <i>International Journal of Obesity</i> , <b>2015</b> , 39, 1325-8	5.5	13
12	Gender-dependent differences in plasma matrix metalloproteinase-8 elevated in pulmonary tuberculosis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117605	3.7	24
11	Whole serum 3D LC-nESI-FTMS quantitative proteomics reveals sexual dimorphism in the milieu intérieur of overweight and obese adults. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 5094-105	5.6	46
10	Vitamin D Metabolites Inhibit Hepatitis C Virus and Modulate Cellular Gene Expression. <i>Journal of Virology &amp; Antiviral Research</i> , <b>2014</b> , 3,		18
9	Gene expression in human fungal pathogen <i>Coccidioides immitis</i> changes as arthroconidia differentiate into spherules and mature. <i>BMC Microbiology</i> , <b>2013</b> , 13, 121	4.5	24
8	Differential gene expression in HIV-infected individuals following ART. <i>Antiviral Research</i> , <b>2013</b> , 100, 420-8	10.8	23
7	Suberoylanilide hydroxamic acid induces limited changes in the transcriptome of primary CD4(+) T cells. <i>Aids</i> , <b>2013</b> , 27, 29-37	3.5	21
6	An in-depth comparison of latent HIV-1 reactivation in multiple cell model systems and resting CD4+ T cells from aviremic patients. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003834	7.6	283
5	Factors regulated by interferon gamma and hypoxia-inducible factor 1A contribute to responses that protect mice from <i>Coccidioides immitis</i> infection. <i>BMC Microbiology</i> , <b>2012</b> , 12, 218	4.5	14
4	Systemic delivery of E6/7 siRNA using novel lipidic particles and its application with cisplatin in cervical cancer mouse models. <i>Gene Therapy</i> , <b>2011</b> , 18, 14-22	4	41
3	The utility of gene expression in blood cells for diagnosing neuropsychiatric disorders. <i>International Review of Neurobiology</i> , <b>2011</b> , 101, 41-63	4.4	20
2	Effective Delivery of PEGylated siRNA-Containing Lipoplexes to Extraperitoneal Tumours following Intraperitoneal Administration. <i>Journal of Drug Delivery</i> , <b>2011</b> , 2011, 192562	2.3	11
1	A modular transcriptional signature identifies phenotypic heterogeneity of human tuberculosis infection		2