

Pandurangan Vijayanand

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

5,909
citations

109321

35
h-index

128289

60
g-index

80
all docs

80
docs citations

80
times ranked

11905
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Genetic Polymorphisms on Human Immune Cell Gene Expression. <i>Cell</i> , 2018, 175, 1701-1715.e16.	28.9	588
2	Imbalance of Regulatory and Cytotoxic SARS-CoV-2-Reactive CD4+ T Cells in COVID-19. <i>Cell</i> , 2020, 183, 1340-1353.e16.	28.9	431
3	Tissue-resident memory features are linked to the magnitude of cytotoxic T cell responses in human lung cancer. <i>Nature Immunology</i> , 2017, 18, 940-950.	14.5	407
4	Control of Foxp3 stability through modulation of TET activity. <i>Journal of Experimental Medicine</i> , 2016, 213, 377-397.	8.5	266
5	Innate-like functions of natural killer T cell subsets result from highly divergent gene programs. <i>Nature Immunology</i> , 2016, 17, 728-739.	14.5	254
6	Precursors of human CD4 ⁺ cytotoxic T lymphocytes identified by single-cell transcriptome analysis. <i>Science Immunology</i> , 2018, 3, .	11.9	209
7	Unique phenotypes and clonal expansions of human CD4 effector memory T cells re-expressing CD45RA. <i>Nature Communications</i> , 2017, 8, 1473.	12.8	208
8	NOX4 Inhibition Potentiates Immunotherapy by Overcoming Cancer-Associated Fibroblast-Mediated CD8 T-cell Exclusion from Tumors. <i>Cancer Research</i> , 2020, 80, 1846-1860.	0.9	189
9	Severely ill patients with COVID-19 display impaired exhaustion features in SARS-CoV-2-reactive CD8 ⁺ T cells. <i>Science Immunology</i> , 2021, 6, .	11.9	185
10	Invariant Natural Killer T Cells in Asthma and Chronic Obstructive Pulmonary Disease. <i>New England Journal of Medicine</i> , 2007, 356, 1410-1422.	27.0	180
11	Single-cell transcriptomic analysis of tissue-resident memory T cells in human lung cancer. <i>Journal of Experimental Medicine</i> , 2019, 216, 2128-2149.	8.5	160
12	Identification of an Early Unipotent Neutrophil Progenitor with Pro-tumoral Activity in Mouse and Human Bone Marrow. <i>Cell Reports</i> , 2018, 24, 2329-2341.e8.	6.4	159
13	Epigenomic analysis of primary human T cells reveals enhancers associated with TH2 memory cell differentiation and asthma susceptibility. <i>Nature Immunology</i> , 2014, 15, 777-788.	14.5	153
14	Interleukin-4 Production by Follicular Helper T Cells Requires the Conserved Il4 Enhancer Hypersensitivity Site V. <i>Immunity</i> , 2012, 36, 175-187.	14.3	137
15	Targeting the Myofibroblastic Cancer-Associated Fibroblast Phenotype Through Inhibition of NOX4. <i>Journal of the National Cancer Institute</i> , 2018, 110, 109-120.	6.3	134
16	Identification of significant chromatin contacts from HiChIP data by FitHiChIP. <i>Nature Communications</i> , 2019, 10, 4221.	12.8	130
17	Th1/Th17 polarization persists following whole-cell pertussis vaccination despite repeated acellular boosters. <i>Journal of Clinical Investigation</i> , 2018, 128, 3853-3865.	8.2	107
18	17q21 asthma-risk variants switch CTCF binding and regulate IL-2 production by T cells. <i>Nature Communications</i> , 2016, 7, 13426.	12.8	105

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19	Single-cell transcriptomic analysis of allergen-specific T cells in allergy and asthma. <i>Science Immunology</i> , 2020, 5, .	11.9	105
20	M1 ^{hot} tumor-associated macrophages boost tissue-resident memory T cells infiltration and survival in human lung cancer. , 2020, 8, e000778.		99
21	Transcriptional Profile of Tuberculosis Antigen-Specific T Cells Reveals Novel Multifunctional Features. <i>Journal of Immunology</i> , 2014, 193, 2931-2940.	0.8	91
22	Recurrent group A <i>Streptococcus</i> tonsillitis is an immunosusceptibility disease involving antibody deficiency and aberrant T _{FH} cells. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	90
23	Gene expression analysis of TIL rich HPV-driven head and neck tumors reveals a distinct B-cell signature when compared to HPV independent tumors. <i>Oncotarget</i> , 2016, 7, 56781-56797.	1.8	86
24	Induction of fibroblast senescence generates a non-fibrogenic myofibroblast phenotype that differentially impacts on cancer prognosis. <i>Aging</i> , 2016, 9, 114-132.	3.1	86
25	Transcriptional Profiling of Th2 Cells Identifies Pathogenic Features Associated with Asthma. <i>Journal of Immunology</i> , 2016, 197, 655-664.	0.8	72
26	Cutting Edge: Transcriptional Profiling Reveals Multifunctional and Cytotoxic Antiviral Responses of Zika Virus-Specific CD8 ⁺ T Cells. <i>Journal of Immunology</i> , 2018, 201, 3487-3491.	0.8	70
27	An Integrated Workflow To Assess Technical and Biological Variability of Cell Population Frequencies in Human Peripheral Blood by Flow Cytometry. <i>Journal of Immunology</i> , 2017, 198, 1748-1758.	0.8	69
28	Circulating T cell-monocyte complexes are markers of immune perturbations. <i>ELife</i> , 2019, 8, .	6.0	67
29	Promoter-interacting expression quantitative trait loci are enriched for functional genetic variants. <i>Nature Genetics</i> , 2021, 53, 110-119.	21.4	62
30	Intratumoral follicular regulatory T cells curtail anti-PD-1 treatment efficacy. <i>Nature Immunology</i> , 2021, 22, 1052-1063.	14.5	61
31	Reduced expression of phosphatase PTPN2 promotes pathogenic conversion of Tregs in autoimmunity. <i>Journal of Clinical Investigation</i> , 2019, 129, 1193-1210.	8.2	51
32	Identification of a novel cis-regulatory element essential for immune tolerance. <i>Journal of Experimental Medicine</i> , 2015, 212, 1993-2002.	8.5	47
33	Evaluating the effect of immune cells on the outcome of patients with mesothelioma. <i>British Journal of Cancer</i> , 2017, 117, 1341-1348.	6.4	47
34	Allergen-specific IgG ⁺ memory B cells are temporally linked to IgE memory responses. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 180-191.	2.9	46
35	Allergen-specific immunotherapy modulates the balance of circulating T _{fh} and T _{fr} cells. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 775-777.e6.	2.9	45
36	Transcriptomic Analysis of CD4 ⁺ T Cells Reveals Novel Immune Signatures of Latent Tuberculosis. <i>Journal of Immunology</i> , 2018, 200, 3283-3290.	0.8	43

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37	Dengue-specific CD8+ T cell subsets display specialized transcriptomic and TCR profiles. <i>Journal of Clinical Investigation</i> , 2019, 129, 1727-1741.	8.2	41
38	Differential Recognition of <i>Mycobacterium tuberculosis</i> Specific Epitopes as a Function of Tuberculosis Disease History. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 772-781.	5.6	39
39	Intermittent PI3K $\hat{\imath}$ inhibition sustains anti-tumour immunity and curbs irAEs. <i>Nature</i> , 2022, 605, 741-746.	27.8	36
40	Molecular Signatures of Dengue Virus-Specific IL-10/IFN- $\hat{\imath}$ ³ Co-producing CD4 $\hat{\imath}$ T Cells and Their Association with Dengue Disease. <i>Cell Reports</i> , 2019, 29, 4482-4495.e4.	6.4	35
41	Modulating the quantity of HIV Env-specific CD4 T cell help promotes rare B cell responses in germinal centers. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	35
42	HLA-DR Marks Recently Divided Antigen-Specific Effector CD4 T Cells in Active Tuberculosis Patients. <i>Journal of Immunology</i> , 2021, 207, 523-533.	0.8	33
43	COVID-19 genetic risk variants are associated with expression of multiple genes in diverse immune cell types. <i>Nature Communications</i> , 2021, 12, 6760.	12.8	32
44	Single-cell eQTL analysis of activated T cell subsets reveals activation and cell type-dependent effects of disease-risk variants. <i>Science Immunology</i> , 2022, 7, eabm2508.	11.9	32
45	CyTOF mass cytometry reveals phenotypically distinct human blood neutrophil populations differentially correlated with melanoma stage. , 2020, 8, e000473.		31
46	Single-Cell Transcriptomic Analysis of SARS-CoV-2 Reactive CD4 ⁺ T Cells. <i>SSRN Electronic Journal</i> , 2020, , 3641939.	0.4	31
47	PreclSE: Precision Medicine in Severe Asthma: An adaptive platform trial with biomarker ascertainment. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1594-1601.	2.9	27
48	A Sensitive and Integrated Approach to Profile Messenger RNA from Samples with Low Cell Numbers. <i>Methods in Molecular Biology</i> , 2018, 1799, 275-302.	0.9	26
49	The Challenge of Distinguishing Cell-Cell Complexes from Singlet Cells in Non-imaging Flow Cytometry and Single-Cell Sorting. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 1127-1135.	1.5	25
50	Multi-cell type gene coexpression network analysis reveals coordinated interferon response and cross-cell type correlations in systemic lupus erythematosus. <i>Genome Research</i> , 2021, 31, 659-676.	5.5	23
51	Head and Neck Squamous Cell Carcinomas Are Characterized by a Stable Immune Signature Within the Primary Tumor Over Time and Space. <i>Clinical Cancer Research</i> , 2017, 23, 7641-7649.	7.0	22
52	Transcriptome and chromatin landscape of iNKT cells are shaped by subset differentiation and antigen exposure. <i>Nature Communications</i> , 2021, 12, 1446.	12.8	21
53	The Clinical Implications of <i>Aspergillus Fumigatus</i> Sensitization in Difficult-To-Treat Asthma Patients. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 4254-4267.e10.	3.8	21
54	Quantitative and Qualitative Perturbations of CD8+ MAITs in Healthy <i>Mycobacterium tuberculosis</i> Infected Individuals. <i>ImmunoHorizons</i> , 2020, 4, 292-307.	1.8	21

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55	Single-cell analysis to understand the diversity of immune cell types that drive disease pathogenesis. Journal of Allergy and Clinical Immunology, 2019, 144, 1150-1153.	2.9	13
56	Constitutive Activation of Natural Killer Cells in Primary Biliary Cholangitis. Frontiers in Immunology, 2019, 10, 2633.	4.8	13
57	Primary prevention of asthma in high-risk children using HDM SLIT: Assessment at age 6 years. Journal of Allergy and Clinical Immunology, 2020, 145, 1711-1713.	2.9	13
58	Human Eosinophils Express a Distinct Gene Expression Program in Response to IL-3 Compared with Common β -Chain Cytokines IL-5 and GM-CSF. Journal of Immunology, 2019, 203, 329-337.	0.8	12
59	Targeting the tumor mutanome for personalized vaccination in a TMB low non-small cell lung cancer. , 2022, 10, e003821.		12
60	CD4+CCR6+ T cells dominate the BCG-induced transcriptional signature. EBioMedicine, 2021, 74, 103746.	6.1	11
61	An Integrated and Semiautomated Microscaled Approach to Profile Cis-Regulatory Elements by Histone Modification CHIP-Seq for Large-Scale Epigenetic Studies. Methods in Molecular Biology, 2018, 1799, 303-326.	0.9	2
62	T _{FR} Cells Inhibit Anti-Tumor Immunity and are Responsive to Immune Checkpoint Blockade. SSRN Electronic Journal, 0, , .	0.4	1
63	A Semiautomated CHIP-Seq Procedure for Large-scale Epigenetic Studies. Journal of Visualized Experiments, 2020, , .	0.3	1
64	Thymus-Derived CD4+CD8+ Cells Reside in Mediastinal Adipose Tissue and the Aortic Arch. Journal of Immunology, 2021, 207, ji2100208.	0.8	1