

Pandurangan Vijayanand

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/989592/publications.pdf>

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	Single-cell eQTL analysis of activated T cell subsets reveals activation and cell typeâ€“dependent effects of disease-risk variants. <i>Science Immunology</i> , 2022, 7, eabm2508.	11.9	32
2	Targeting the tumor mutanome for personalized vaccination in a TMB low non-small cell lung cancer. , 2022, 10, e003821.		12
3	Intermittent PI3KÎ inhibition sustains anti-tumour immunity and curbs irAEs. <i>Nature</i> , 2022, 605, 741-746.	27.8	36
4	Promoter-interacting expression quantitative trait loci are enriched for functional genetic variants. <i>Nature Genetics</i> , 2021, 53, 110-119.	21.4	62
5	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
6	Multiâ€“cell type gene coexpression network analysis reveals coordinated interferon response and crossâ€“cell type correlations in systemic lupus erythematosus. <i>Genome Research</i> , 2021, 31, 659-676.	5.5	23
7	PrecISE: 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
8	Intratumoral follicular regulatory T cells curtail anti-PD-1 treatment efficacy. <i>Nature Immunology</i> , 2021, 22, 1052-1063.	14.5	61
9	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
10	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
11	Severely ill patients with COVID-19 display impaired exhaustion features in SARS-CoV-2â€“reactive CD8 ⁺ T cells. <i>Science Immunology</i> , 2021, 6, .	11.9	185
12	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
13	Thymus-Derived CD4+CD8+ Cells Reside in Mediastinal Adipose Tissue and the Aortic Arch. <i>Journal of Immunology</i> , 2021, 207, ji2100208.	0.8	1
14	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
15	CD4+CCR6+ T cells dominate the BCG-induced transcriptional signature. <i>EBioMedicine</i> , 2021, 74, 103746.	6.1	11
16	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
17	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
18	M1^{hot}tumor-associated macrophages boost tissue-resident memory T cells infiltration and survival in human lung cancer. , 2020, 8, e000778.		99

#	ARTICLE	IF	CITATIONS
19	CytoF mass cytometry reveals phenotypically distinct human blood neutrophil populations differentially correlated with melanoma stage. , 2020, 8, e000473.		31
20	The Challenge of Distinguishing Cell-Cell Complexes from Singlet Cells in Non-imaging Flow Cytometry and Single-Cell Sorting. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2020, 97, 1127-1135.	1.5	25
21	Single-cell transcriptomic analysis of allergen-specific T cells in allergy and asthma. Science Immunology, 2020, 5, .	11.9	105
22	NOX4 Inhibition Potentiates Immunotherapy by Overcoming Cancer-Associated Fibroblast-Mediated CD8 T-cell Exclusion from Tumors. Cancer Research, 2020, 80, 1846-1860.	0.9	189
23	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
24	Single-Cell Transcriptomic Analysis of SARS-CoV-2 Reactive CD4 ⁺ T Cells. SSRN Electronic Journal, 2020, , 3641939.	0.4	31
25	Quantitative and Qualitative Perturbations of CD8 ⁺ MAITs in Healthy <i>Mycobacterium tuberculosis</i> -Infected Individuals. ImmunoHorizons, 2020, 4, 292-307.	1.8	21
26	A Semiautomated ChIP-Seq Procedure for Large-scale Epigenetic Studies. Journal of Visualized Experiments, 2020, , .	0.3	1
27	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
28	Identification of significant chromatin contacts from HiChIP data by FitHiChIP. Nature Communications, 2019, 10, 4221.	12.8	130
29	Single-cell transcriptomic analysis of tissue-resident memory T cells in human lung cancer. Journal of Experimental Medicine, 2019, 216, 2128-2149.	8.5	160
30	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
31	Recurrent group A <i>Streptococcus</i> tonsillitis is an immunosusceptibility disease involving antibody deficiency and aberrant T _{FH} cells. Science Translational Medicine, 2019, 11, .	12.4	90
32	Molecular Signatures of Dengue Virus-Specific IL-10/IFN- γ Co-producing CD4 ⁺ T Cells and Their Association with Dengue Disease. Cell Reports, 2019, 29, 4482-4495.e4.	6.4	35
33	Constitutive Activation of Natural Killer Cells in Primary Biliary Cholangitis. Frontiers in Immunology, 2019, 10, 2633.	4.8	13
34	Reduced expression of phosphatase PTPN2 promotes pathogenic conversion of Tregs in autoimmunity. Journal of Clinical Investigation, 2019, 129, 1193-1210.	8.2	51
35	Dengue-specific CD8 ⁺ T cell subsets display specialized transcriptomic and TCR profiles. Journal of Clinical Investigation, 2019, 129, 1727-1741.	8.2	41
36	Circulating T cell-monocyte complexes are markers of immune perturbations. ELife, 2019, 8, .	6.0	67

#	ARTICLE	IF	CITATIONS
37	Precursors of human CD4 ⁺ cytotoxic T lymphocytes identified by single-cell transcriptome analysis. <i>Science Immunology</i> , 2018, 3, .	11.9	209
38	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
39	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
40	Allergen-specific immunotherapy modulates the balance of circulating Tfh and Tfr cells. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 775-777.e6.	2.9	45
41	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
42	Impact of Genetic Polymorphisms on Human Immune Cell Gene Expression. <i>Cell</i> , 2018, 175, 1701-1715.e16.	28.9	588
43	An Integrated and Semiautomated Microscaled Approach to Profile Cis-Regulatory Elements by Histone Modification CHIP-Seq for Large-Scale Epigenetic Studies. <i>Methods in Molecular Biology</i> , 2018, 1799, 303-326.	0.9	2
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	Transcriptional Profiling of Th2 Cells Identifies Pathogenic Features Associated with Asthma. <i>Journal of Immunology</i> , 2016, 197, 655-664.	0.8	72
57	Control of Foxp3 stability through modulation of TET activity. <i>Journal of Experimental Medicine</i> , 2016, 213, 377-397.	8.5	266
58	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
59	Identification of a novel cis-regulatory element essential for immune tolerance. <i>Journal of Experimental Medicine</i> , 2015, 212, 1993-2002.	8.5	47
60	Transcriptional Profile of Tuberculosis Antigen-Specific T Cells Reveals Novel Multifunctional Features. <i>Journal of Immunology</i> , 2014, 193, 2931-2940.	0.8	91
61	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
62	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
63	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
64	T _{FR} Cells Inhibit Anti-Tumor Immunity and are Responsive to Immune Checkpoint Blockade. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1