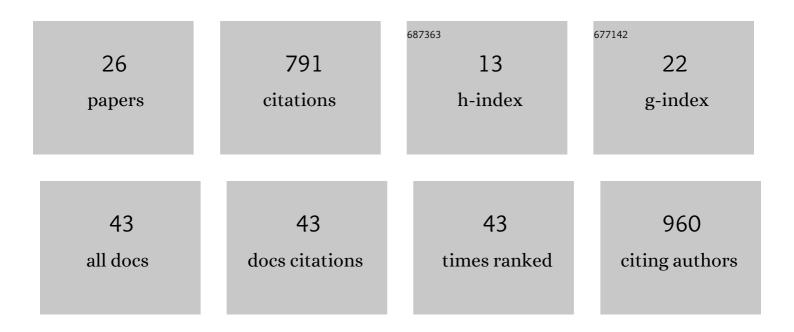
Alexander Yermanos

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Profiling the specificity of clonally expanded plasma cells during chronic viral infection by singleâ€cell analysis. European Journal of Immunology, 2022, 52, 297-311.	2.9	11
2	SARS-CoV-2 reactive and neutralizing antibodies discovered by single-cell sequencing of plasma cells and mammalian display. Cell Reports, 2022, 38, 110242.	6.4	13
3	Discovery and validation of human genomic safe harbor sites for gene and cell therapies. Cell Reports Methods, 2022, 2, 100154.	2.9	22
4	Clonally Expanded Virus-Specific CD8 T Cells Acquire Diverse Transcriptional Phenotypes During Acute, Chronic, and Latent Infections. Frontiers in Immunology, 2022, 13, 782441.	4.8	7
5	DeepSARS: simultaneous diagnostic detection and genomic surveillance of SARS-CoV-2. BMC Genomics, 2022, 23, 289.	2.8	5
6	Tissue-resident CD8 ⁺ T cells drive compartmentalized and chronic autoimmune damage against CNS neurons. Science Translational Medicine, 2022, 14, eabl6157.	12.4	35
7	Tissue-resident memory CD8 ⁺ T cells cooperate with CD4 ⁺ T cells to drive compartmentalized immunopathology in the CNS. Science Translational Medicine, 2022, 14, eabl6058.	12.4	21
8	Phenotypic determinism and stochasticity in antibody repertoires of clonally expanded plasma cells. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2113766119.	7.1	12
9	Single-cell immune repertoire and transcriptome sequencing reveals that clonally expanded and transcriptionally distinct lymphocytes populate the aged central nervous system in mice. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202793.	2.6	14
10	Platypus: an open-access software for integrating lymphocyte single-cell immune repertoires with transcriptomes. NAR Genomics and Bioinformatics, 2021, 3, lqab023.	3.2	27
11	Applications of Machine and Deep Learning in Adaptive Immunity. Annual Review of Chemical and Biomolecular Engineering, 2021, 12, 39-62.	6.8	22
12	A Single-Cell Atlas of Lymphocyte Adaptive Immune Repertoires and Transcriptomes Reveals Age-Related Differences in Convalescent COVID-19 Patients. Frontiers in Immunology, 2021, 12, 701085.	4.8	33
13	Inter- and intraspecies comparison of phylogenetic fingerprints and sequence diversity of immunoglobulin variable genes. Immunogenetics, 2020, 72, 279-294.	2.4	5
14	Tcf1+ cells are required to maintain the inflationary T cell pool upon MCMV infection. Nature Communications, 2020, 11, 2295.	12.8	34
15	Profiling Virus-Specific Tcf1+ T Cell Repertoires During Acute and Chronic Viral Infection. Frontiers in Immunology, 2020, 11, 986.	4.8	12
16	IgM Antibody Repertoire Fingerprints in Mice Are Personalized but Robust to Viral Infection Status. Frontiers in Cellular and Infection Microbiology, 2020, 10, 254.	3.9	5
17	immuneSIM: tunable multi-feature simulation of B- and T-cell receptor repertoires for immunoinformatics benchmarking. Bioinformatics, 2020, 36, 3594-3596.	4.1	48
18	Quantitative and Qualitative Analysis of Humoral Immunity Reveals Continued and Personalized Evolution in Chronic Viral Infection. Cell Reports, 2020, 30, 997-1012.e6.	6.4	34

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#	Article	IF	CITATIONS
19	Rapid expansion of Treg cells protects from collateral colitis following a viral trigger. Nature Communications, 2020, 11, 1522.	12.8	18
20	A novel anti-HER2 anthracycline-based antibody-drug conjugate induces adaptive anti-tumor immunity and potentiates PD-1 blockade in breast cancer. , 2019, 7, 16.		68
21	Modulation of asymmetric cell division as a mechanism to boost CD8 ⁺ T cell memory. Science Immunology, 2019, 4, .	11.9	42
22	Chronic virus infection compromises memory bystander T cell function in an IL-6/STAT1-dependent manner. Journal of Experimental Medicine, 2019, 216, 571-586.	8.5	17
23	Tracing Antibody Repertoire Evolution by Systems Phylogeny. Frontiers in Immunology, 2018, 9, 2149.	4.8	26
24	Computational Strategies for Dissecting the High-Dimensional Complexity of Adaptive Immune Repertoires. Frontiers in Immunology, 2018, 9, 224.	4.8	164
25	Comparison of methods for phylogenetic B-cell lineage inference using time-resolved antibody repertoire simulations (AbSim). Bioinformatics, 2017, 33, 3938-3946.	4.1	50
26	Single-Cell Sequencing of Plasma Cells from COVID-19 Patients Reveals Highly Expanded Clonal Lineages Produce Specific and Neutralizing Antibodies to SARS-CoV-2. SSRN Electronic Journal, 0, , .	0.4	1