

Jacob Glanville

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

5,346
citations

236833

25
h-index

360920

35
g-index

36
all docs

36
docs citations

36
times ranked

9108
citing authors

#	ARTICLE	IF	CITATIONS
1	A new clustering method identifies multiple sclerosis-specific T cell receptors. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 163-176.	1.7	11
2	Editorial: Next-Generation Sequencing of Human Antibody Repertoires for Exploring B-cell Landscape, Antibody Discovery and Vaccine Development. <i>Frontiers in Immunology</i> , 2020, 11, 1344.	2.2	5
3	Computational and Systems Immunology: A Student's Perspective. <i>Trends in Immunology</i> , 2019, 40, 665-668.	2.9	2
4	Correction: Amendments: Author Correction: A catalog of the mouse gut metagenome. <i>Nature Biotechnology</i> , 2019, 37, 102-102.	9.4	0
5	When monoclonal antibodies are not monospecific: Hybridomas frequently express additional functional variable regions. <i>MAbs</i> , 2018, 10, 539-546.	2.6	74
6	Non-progressing cancer patients have persistent B cell responses expressing shared antibody paratopes that target public tumor antigens. <i>Clinical Immunology</i> , 2018, 187, 37-45.	1.4	86
7	Comparative analysis of the feline immunoglobulin repertoire. <i>Biologicals</i> , 2017, 46, 81-87.	0.5	7
8	Comment on "A Database of Human Immune Receptor Alleles Recovered from Population Sequencing Data". <i>Journal of Immunology</i> , 2017, 198, 3371-3373.	0.4	46
9	The Individual and Population Genetics of Antibody Immunity. <i>Trends in Immunology</i> , 2017, 38, 459-470.	2.9	134
10	Identifying specificity groups in the T cell receptor repertoire. <i>Nature</i> , 2017, 547, 94-98.	13.7	825
11	Converging evolution leads to near maximal junction diversity through parallel mechanisms in B and T cell receptors. <i>Physical Biology</i> , 2017, 14, 045003.	0.8	12
12	Structural basis for antibody recognition of the NANP repeats in <i>Plasmodium falciparum</i> circumsporozoite protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10438-E10445.	3.3	116
13	IGHV1-69 polymorphism modulates anti-influenza antibody repertoires, correlates with IGHV utilization shifts and varies by ethnicity. <i>Scientific Reports</i> , 2016, 6, 20842.	1.6	167
14	Persistence and evolution of allergen-specific IgE repertoires during subcutaneous specific immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1535-1544.	1.5	41
15	Germline-encoded neutralization of a <i>Staphylococcus aureus</i> virulence factor by the human antibody repertoire. <i>Nature Communications</i> , 2016, 7, 13376.	5.8	38
16	Successful immunotherapy induces previously unidentified allergen-specific CD4+ T-cell subsets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1286-95.	3.3	115
17	Estimate of within population incremental selection through branch imbalance in lineage trees. <i>Nucleic Acids Research</i> , 2016, 44, e46-e46.	6.5	9
18	Human B-cell isotype switching origins of IgE. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 579-586.e7.	1.5	132

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19	Codon-Precise, Synthetic, Antibody Fragment Libraries Built Using Automated Hexamer Codon Additions and Validated through Next Generation Sequencing. <i>Antibodies</i> , 2015, 4, 88-102.	1.2	17
20	A Highly Focused Antigen Receptor Repertoire Characterizes $\alpha\beta\gamma\delta$ T Cells That are Poised to Make IL-17 Rapidly in Naive Animals. <i>Frontiers in Immunology</i> , 2015, 6, 118.	2.2	40
21	A Diverse Repertoire of Human Immunoglobulin Variable Genes in a Chicken B Cell Line is Generated by Both Gene Conversion and Somatic Hypermutation. <i>Frontiers in Immunology</i> , 2015, 6, 126.	2.2	25
22	A catalog of the mouse gut metagenome. <i>Nature Biotechnology</i> , 2015, 33, 1103-1108.	9.4	422
23	The antibody mining toolbox. <i>MAbs</i> , 2014, 6, 160-172.	2.6	41
24	Diversity and clonal selection in the human T-cell repertoire. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13139-13144.	3.3	622
25	Human Responses to Influenza Vaccination Show Seroconversion Signatures and Convergent Antibody Rearrangements. <i>Cell Host and Microbe</i> , 2014, 16, 105-114.	5.1	246
26	Linking T-cell receptor sequence to functional phenotype at the single-cell level. <i>Nature Biotechnology</i> , 2014, 32, 684-692.	9.4	457
27	Deconstructing the Peptide-MHC Specificity of T Cell Recognition. <i>Cell</i> , 2014, 157, 1073-1087.	13.5	483
28	Comprehensive Interrogation of a Minimalist Synthetic CDR-H3 Library and Its Ability to Generate Antibodies with Therapeutic Potential. <i>Journal of Molecular Biology</i> , 2013, 425, 1712-1730.	2.0	44
29	Multi Step Selection in Ig H Chains is Initially Focused on CDR3 and Then on Other CDR Regions. <i>Frontiers in Immunology</i> , 2013, 4, 274.	2.2	21
30	The Restricted DH Gene Reading Frame Usage in the Expressed Human Antibody Repertoire Is Selected Based upon its Amino Acid Content. <i>Journal of Immunology</i> , 2013, 190, 5567-5577.	0.4	28
31	Dietary gluten triggers concomitant activation of CD4 ⁺ and CD8 ⁺ $\alpha\beta\gamma\delta$ T cells and $\beta\delta$ T cells in celiac disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13073-13078.	3.3	178
32	B cell exchange across the blood-brain barrier in multiple sclerosis. <i>Journal of Clinical Investigation</i> , 2012, 122, 4533-4543.	3.9	211
33	Synthetic Antibodies Designed on Natural Sequence Landscapes. <i>Journal of Molecular Biology</i> , 2011, 412, 55-71.	2.0	80
34	Naive antibody gene-segment frequencies are heritable and unaltered by chronic lymphocyte ablation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20066-20071.	3.3	194
35	Precise determination of the diversity of a combinatorial antibody library gives insight into the human immunoglobulin repertoire. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20216-20221.	3.3	409