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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	Identifying specificity groups in the T cell receptor repertoire. Nature, 2017, 547, 94-98.	13.7	825
2	Diversity and clonal selection in the human T-cell repertoire. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13139-13144.	3.3	622
3	Deconstructing the Peptide-MHC Specificity of T Cell Recognition. Cell, 2014, 157, 1073-1087.	13.5	483
4	Linking T-cell receptor sequence to functional phenotype at the single-cell level. Nature Biotechnology, 2014, 32, 684-692.	9.4	457
5	A catalog of the mouse gut metagenome. Nature Biotechnology, 2015, 33, 1103-1108.	9.4	422
6	Precise determination of the diversity of a combinatorial antibody library gives insight into the human immunoglobulin repertoire. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20216-20221.	3.3	409
7	Human Responses to Influenza Vaccination Show Seroconversion Signatures and Convergent Antibody Rearrangements. Cell Host and Microbe, 2014, 16, 105-114.	5.1	246
8	B cell exchange across the blood-brain barrier in multiple sclerosis. Journal of Clinical Investigation, 2012, 122, 4533-4543.	3.9	211
9	Naive antibody gene-segment frequencies are heritable and unaltered by chronic lymphocyte ablation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20066-20071.	3.3	194
10	Dietary gluten triggers concomitant activation of CD4 ⁺ and CD8 ⁺ Î±Î² T cells and Î³Î´ T cells in celiac disease. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13073-13078.	3.3	178
11	IGHV1-69 polymorphism modulates anti-influenza antibody repertoires, correlates with IGHV utilization shifts and varies by ethnicity. Scientific Reports, 2016, 6, 20842.	1.6	167
12	The Individual and Population Genetics of Antibody Immunity. Trends in Immunology, 2017, 38, 459-470.	2.9	134
13	Human B-cell isotype switching origins of IgE. Journal of Allergy and Clinical Immunology, 2016, 137, 579-586.e7.	1.5	132
14	Structural basis for antibody recognition of the NANP repeats in Plasmodium falciparum circumsporozoite protein. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10438-E10445.	3.3	116
15	Successful immunotherapy induces previously unidentified allergen-specific CD4+ T-cell subsets. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1286-95.	3.3	115
16	Non-progressing cancer patients have persistent B cell responses expressing shared antibody paratopes that target public tumor antigens. Clinical Immunology, 2018, 187, 37-45.	1.4	86
17	Synthetic Antibodies Designed on Natural Sequence Landscapes. Journal of Molecular Biology, 2011, 412, 55-71.	2.0	80
18	When monoclonal antibodies are not monospecific: Hybridomas frequently express additional functional variable regions. MAbs, 2018, 10, 539-546.	2.6	74

#	Article	IF	Citations
19	Comment on â€œA Database of Human Immune Receptor Alleles Recovered from Population Sequencing Dataâ€• Journal of Immunology, 2017, 198, 3371-3373.	0.4	46
20	Comprehensive Interrogation of a Minimalist Synthetic CDR-H3 Library and Its Ability to Generate Antibodies with Therapeutic Potential. Journal of Molecular Biology, 2013, 425, 1712-1730.	2.0	44
21	The antibody mining toolbox. MAbs, 2014, 6, 160-172.	2.6	41
22	Persistence and evolution of allergen-specific IgE repertoires during subcutaneous specific immunotherapy. Journal of Allergy and Clinical Immunology, 2016, 137, 1535-1544.	1.5	41
23	A Highly Focused Antigen Receptor Repertoire Characterizes ÃŽÂ³ÃŽÂ´ T Cells That are Poised to Make IL-17 Rapidly in Naive Animals. Frontiers in Immunology, 2015, 6, 118.	2.2	40
24	Germline-encoded neutralization of a Staphylococcus aureus virulence factor by the human antibody repertoire. Nature Communications, 2016, 7, 13376.	5.8	38
25	The Restricted DH Gene Reading Frame Usage in the Expressed Human Antibody Repertoire Is Selected Based upon its Amino Acid Content. Journal of Immunology, 2013, 190, 5567-5577.	0.4	28
26	A Diverse Repertoire of Human Immunoglobulin Variable Genes in a Chicken B Cell Line is Generated by Both Gene Conversion and Somatic Hypermutation. Frontiers in Immunology, 2015, 6, 126.	2.2	25
27	Multi Step Selection in Ig H Chains is Initially Focused on CDR3 and Then on Other CDR Regions. Frontiers in Immunology, 2013, 4, 274.	2.2	21
28	Codon-Precise, Synthetic, Antibody Fragment Libraries Built Using Automated Hexamer Codon Additions and Validated through Next Generation Sequencing. Antibodies, 2015, 4, 88-102.	1.2	17
29	Converging evolution leads to near maximal junction diversity through parallel mechanisms in B and T cell receptors. Physical Biology, 2017, 14, 045003.	0.8	12
30	A new clustering method identifies multiple sclerosisâ€specific Tâ€cell receptors. Annals of Clinical and Translational Neurology, 2021, 8, 163-176.	1.7	11
31	Estimate of within population incremental selection through branch imbalance in lineage trees. Nucleic Acids Research, 2016, 44, e46-e46.	6.5	9
32	Comparative analysis of the feline immunoglobulin repertoire. Biologicals, 2017, 46, 81-87.	0.5	7
33	Editorial: Next-Generation Sequencing of Human Antibody Repertoires for Exploring B-cell Landscape, Antibody Discovery and Vaccine Development. Frontiers in Immunology, 2020, 11, 1344.	2.2	5
34	Computational and Systems Immunology: A Studentâ€™s Perspective. Trends in Immunology, 2019, 40, 665-668.	2.9	2
35	Correction: Amendments: Author Correction: A catalog of the mouse gut metagenome. Nature Biotechnology, 2019, 37, 102-102.	9.4	0