Jason A Vander Heiden

List of Publications by Year
in descending order

28	3,314	279798	501196
papers	citations	23	28
		h-index	g-index

30	30	30	4704
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oncostatin M expression induced by bacterial triggers drives airway inflammatory and mucus secretion in severe asthma. Science Translational Medicine, 2022, 14, eabf8188.	12.4	17
2	In vivo partial reprogramming alters age-associated molecular changes during physiological aging in mice. Nature Aging, 2022, 2, 243-253.	11.6	101
3	*In silico* tools for accurate HLA and KIR inference from clinical sequencing data empower immunogenetics on individual-patient and population scales. Briefings in Bioinformatics, 2021, 22, .	6.5	19
4	A TRPA1 inhibitor suppresses neurogenic inflammation and airway contraction for asthma treatment. Journal of Experimental Medicine, 2021, 218, .	8.5	56
5	Molecular mapping of interstitial lung disease reveals a phenotypically distinct senescent basal epithelial cell population. JCI Insight, 2021, 6, .	5.0	42
6	TGFβ2 and TGFβ3 isoforms drive fibrotic disease pathogenesis. Science Translational Medicine, 2021, 13, .	12.4	56
7	Early B cell tolerance defects in neuromyelitis optica favour anti-AQP4 autoantibody production. Brain, 2019, 142, 1598-1615.	7.6	62
8	Identification of Subject-Specific Immunoglobulin Alleles From Expressed Repertoire Sequencing Data. Frontiers in Immunology, 2019, 10, 129.	4.8	67
9	Repertoire-wide phylogenetic models of B cell molecular evolution reveal evolutionary signatures of aging and vaccination. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22664-22672.	7.1	71
10	sumrep: A Summary Statistic Framework for Immune Receptor Repertoire Comparison and Model Validation. Frontiers in Immunology, 2019, 10, 2533.	4.8	22
11	Mechanisms underlying B cell immune dysregulation and autoantibody production in MuSK myasthenia gravis. Annals of the New York Academy of Sciences, 2018, 1412, 154-165.	3.8	34
12	Mutant Cellular AP-1 Proteins Promote Expression of a Subset of Epstein-Barr Virus Late Genes in the Absence of Lytic Viral DNA Replication. Journal of Virology, 2018, 92, .	3.4	10
13	Dysregulation of B Cell Repertoire Formation in Myasthenia Gravis Patients Revealed through Deep Sequencing. Journal of Immunology, 2017, 198, 1460-1473.	0.8	92
14	Interleukin-10 from CD4 $^{+}$ follicular regulatory T cells promotes the germinal center response. Science Immunology, 2017, 2, .	11.9	139
15	The Repertoire Dissimilarity Index as a method to compare lymphocyte receptor repertoires. BMC Bioinformatics, 2017, 18, 155.	2.6	52
16	Reproducibility and Reuse of Adaptive Immune Receptor Repertoire Data. Frontiers in Immunology, 2017, 8, 1418.	4.8	102
17	A Model of Somatic Hypermutation Targeting in Mice Based on High-Throughput Ig Sequencing Data. Journal of Immunology, 2016, 197, 3566-3574.	0.8	63
18	Compromised fidelity of B‐cell tolerance checkpoints in AChR and MuSK myasthenia gravis. Annals of Clinical and Translational Neurology, 2016, 3, 443-454.	3.7	39

#	ARTICLE	IF	CITATIONS
19	VDJML: a file format with tools for capturing the results of inferring immune receptor rearrangements. BMC Bioinformatics, 2016, 17, 333.	2.6	16
20	Individual heritable differences result in unique cell lymphocyte receptor repertoires of naïve and antigen-experienced cells. Nature Communications, 2016, 7, 11112.	12.8	123
21	The mutation patterns in B-cell immunoglobulin receptors reflect the influence of selection acting at multiple time-scales. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140242.	4.0	49
22	Salmonella Infection Drives Promiscuous B Cell Activation Followed by Extrafollicular Affinity Maturation. Immunity, 2015, 43, 120-131.	14.3	186
23	Change-O: a toolkit for analyzing large-scale B cell immunoglobulin repertoire sequencing data. Bioinformatics, 2015, 31, 3356-3358.	4.1	643
24	High-resolution antibody dynamics of vaccine-induced immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4928-4933.	7.1	186
25	B cells populating the multiple sclerosis brain mature in the draining cervical lymph nodes. Science Translational Medicine, 2014, 6, 248ra107.	12.4	394
26	pRESTO: a toolkit for processing high-throughput sequencing raw reads of lymphocyte receptor repertoires. Bioinformatics, 2014, 30, 1930-1932.	4.1	417
27	Influence of seasonal exposure to grass pollen on local and peripheral blood IgE repertoires in patients with allergic rhinitis. Journal of Allergy and Clinical Immunology, 2014, 134, 604-612.	2.9	55
28	Models of Somatic Hypermutation Targeting and Substitution Based on Synonymous Mutations from High-Throughput Immunoglobulin Sequencing Data. Frontiers in Immunology, 2013, 4, 358.	4.8	197