

Mohamed Uduman

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,425
citations

516710

16
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

3824
citing authors

#	ARTICLE	IF	CITATIONS
1	Change-O: a toolkit for analyzing large-scale B cell immunoglobulin repertoire sequencing data. <i>Bioinformatics</i> , 2015, 31, 3356-3358.	4.1	643
2	pRESTO: a toolkit for processing high-throughput sequencing raw reads of lymphocyte receptor repertoires. <i>Bioinformatics</i> , 2014, 30, 1930-1932.	4.1	417
3	Automated analysis of high-throughput B-cell sequencing data reveals a high frequency of novel immunoglobulin V gene segment alleles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E862-70.	7.1	215
4	Models of Somatic Hypermutation Targeting and Substitution Based on Synonymous Mutations from High-Throughput Immunoglobulin Sequencing Data. <i>Frontiers in Immunology</i> , 2013, 4, 358.	4.8	197
5	High-resolution antibody dynamics of vaccine-induced immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4928-4933.	7.1	186
6	Quantifying selection in high-throughput Immunoglobulin sequencing data sets. <i>Nucleic Acids Research</i> , 2012, 40, e134-e134.	14.5	179
7	Taking Advantage: High-Affinity B Cells in the Germinal Center Have Lower Death Rates, but Similar Rates of Division, Compared to Low-Affinity Cells. <i>Journal of Immunology</i> , 2009, 183, 7314-7325.	0.8	86
8	Detecting selection in immunoglobulin sequences. <i>Nucleic Acids Research</i> , 2011, 39, W499-W504.	14.5	83
9	Spatiotemporal segregation of human marginal zone and memory B cell populations in lymphoid tissue. <i>Nature Communications</i> , 2018, 9, 3857.	12.8	78
10	Improved methods for detecting selection by mutation analysis of Ig V region sequences. <i>International Immunology</i> , 2008, 20, 683-694.	4.0	75
11	Shared VH1-46 gene usage by pemphigus vulgaris autoantibodies indicates common humoral immune responses among patients. <i>Nature Communications</i> , 2014, 5, 4167.	12.8	63
12	Influence of seasonal exposure to grass pollen on local and peripheral blood IgE repertoires in patients with allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 604-612.	2.9	55
13	Integrating B Cell Lineage Information into Statistical Tests for Detecting Selection in Ig Sequences. <i>Journal of Immunology</i> , 2014, 192, 867-874.	0.8	32
14	Gene Expression Gradients along the Tonotopic Axis of the Chicken Auditory Epithelium. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2011, 12, 423-435.	1.8	29
15	Characterization of Diabetogenic CD8+ T Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 11230-11240.	3.4	25
16	Gene Expression Analysis of Forskolin Treated Basilar Papillae Identifies MicroRNA181a as a Mediator of Proliferation. <i>PLoS ONE</i> , 2010, 5, e11502.	2.5	18
17	The KRAS-Variant and miRNA Expression in RTOG Endometrial Cancer Clinical Trials 9708 and 9905. <i>PLoS ONE</i> , 2014, 9, e94167.	2.5	17
18	VDJML: a file format with tools for capturing the results of inferring immune receptor rearrangements. <i>BMC Bioinformatics</i> , 2016, 17, 333.	2.6	16

#	ARTICLE	IF	CITATIONS
19	MicroRNA signatures discriminate between uterine and ovarian serous carcinomas. Human Pathology, 2018, 76, 133-140.	2.0	11