

Wei Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,149
citations

471061

17
h-index

580395

25
g-index

35
all docs

35
docs citations

35
times ranked

2797
citing authors

#	ARTICLE	IF	CITATIONS
1	Life History Recorded in the Vagino-cervical Microbiome Along with Multi-omes. Genomics, Proteomics and Bioinformatics, 2022, 20, 304-321.	3.0	18
2	Landscapes and dynamic diversifications of B-cell receptor repertoires in COVID-19 patients. Human Immunology, 2022, 83, 119-129.	1.2	17
3	T Cell Repertoire Abnormality in Immunodeficiency Patients with DNA Repair and Methylation Defects. Journal of Clinical Immunology, 2022, 42, 375-393.	2.0	10
4	Diversity in immunogenomics: the value and the challenge. Nature Methods, 2021, 18, 588-591.	9.0	40
5	PIRD: Pan Immune Repertoire Database. Bioinformatics, 2020, 36, 897-903.	1.8	79
6	T cell receptor repertoire data provides new evidence for hygiene hypothesis of allergic diseases. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 681-683.	2.7	9
7	Developing an Unbiased Multiplex PCR System to Enrich the TRB Repertoire Toward Accurate Detection in Leukemia. Frontiers in Immunology, 2020, 11, 1631.	2.2	4
8	Comprehensive TCR repertoire analysis of CD4+ T-cell subsets in rheumatoid arthritis. Journal of Autoimmunity, 2020, 109, 102432.	3.0	29
9	Selection of potential cytokeratin-18 monoclonal antibodies following IGH repertoire evaluation in mice. Journal of Immunological Methods, 2019, 474, 112647.	0.6	2
10	Identification of Variable and Joining Germline Genes and Alleles for Rhesus Macaque from B Cell Receptor Repertoires. Journal of Immunology, 2019, 202, 1612-1622.	0.4	9
11	T cell receptor \hat{I}^2 repertoires as novel diagnostic markers for systemic lupus erythematosus and rheumatoid arthritis. Annals of the Rheumatic Diseases, 2019, 78, 1070-1078.	0.5	99
12	Single-cell transcriptomic landscape of nucleated cells in umbilical cord blood. GigaScience, 2019, 8, .	3.3	24
13	The landscape and diagnostic potential of T and B cell repertoire in Immunoglobulin A Nephropathy. Journal of Autoimmunity, 2019, 97, 100-107.	3.0	25
14	A Comprehensive Analysis of the T and B Lymphocytes Repertoire Shaped by HIV Vaccines. Frontiers in Immunology, 2018, 9, 2194.	2.2	23
15	Characterization of the B Cell Receptor Repertoire in the Intestinal Mucosa and of Tumor-Infiltrating Lymphocytes in Colorectal Adenoma and Carcinoma. Journal of Immunology, 2017, 198, 3719-3728.	0.4	39
16	The Different T-cell Receptor Repertoires in Breast Cancer Tumors, Draining Lymph Nodes, and Adjacent Tissues. Cancer Immunology Research, 2017, 5, 148-156.	1.6	87
17	A comprehensive profiling of T- and B-lymphocyte receptor repertoires from a Chinese-origin rhesus macaque by high-throughput sequencing. PLoS ONE, 2017, 12, e0182733.	1.1	18
18	Minimal Residual Disease Detection and Evolved IGH Clones Analysis in Acute B Lymphoblastic Leukemia Using IGH Deep Sequencing. Frontiers in Immunology, 2016, 7, 403.	2.2	37

#	ARTICLE	IF	CITATIONS
19	IMPre: An Accurate and Efficient Software for Prediction of T- and B-Cell Receptor Germline Genes and Alleles from Rearranged Repertoire Data. <i>Frontiers in Immunology</i> , 2016, 7, 457.	2.2	47
20	Systematic Comparative Evaluation of Methods for Investigating the TCR β Repertoire. <i>PLoS ONE</i> , 2016, 11, e0152464.	1.1	58
21	Comparative Analysis of Immune Repertoires between Bactrian Camel's Conventional and Heavy-Chain Antibodies. <i>PLoS ONE</i> , 2016, 11, e0161801.	1.1	49
22	IMonitor: A Robust Pipeline for TCR and BCR Repertoire Analysis. <i>Genetics</i> , 2015, 201, 459-472.	1.2	119
23	Exome sequencing-driven discovery of coding polymorphisms associated with common metabolic phenotypes. <i>Diabetologia</i> , 2013, 56, 298-310.	2.9	119
24	A Short-Read Multiplex Sequencing Method for Reliable, Cost-Effective and High-Throughput Genotyping in Large-Scale Studies. <i>Human Mutation</i> , 2013, 34, 1715-1720.	1.1	45
25	Structural variation in two human genomes mapped at single-nucleotide resolution by whole genome de novo assembly. <i>Nature Biotechnology</i> , 2011, 29, 723-730.	9.4	113