Wei Zhang

List of Publications by Year
in descending order

25 papers	1,149 citations	471371 17 h-index	580701 25 g-index
35 all docs	35 docs citations	35 times ranked	2797 citing authors

#	Article	IF	Citations
1	Exome sequencing-driven discovery of coding polymorphisms associated with common metabolic phenotypes. Diabetologia, 2013, 56, 298-310.	2.9	119
2	IMonitor: A Robust Pipeline for TCR and BCR Repertoire Analysis. Genetics, 2015, 201, 459-472.	1.2	119
3	Structural variation in two human genomes mapped at single-nucleotide resolution by whole genome de novo assembly. Nature Biotechnology, 2011, 29, 723-730.	9.4	113
4	T cell receptor β repertoires as novel diagnostic markers for systemic lupus erythematosus and rheumatoid arthritis. Annals of the Rheumatic Diseases, 2019, 78, 1070-1078.	0.5	99
5	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
6	PIRD: Pan Immune Repertoire Database. Bioinformatics, 2020, 36, 897-903.	1.8	79
7	Systematic Comparative Evaluation of Methods for Investigating the TCRβ Repertoire. PLoS ONE, 2016, 11, e0152464.	1.1	58
8	Comparative Analysis of Immune Repertoires between Bactrian Camel's Conventional and Heavy-Chain Antibodies. PLoS ONE, 2016, 11, e0161801.	1.1	49
9	IMPre: An Accurate and Efficient Software for Prediction of T- and B-Cell Receptor Germline Genes and Alleles from Rearranged Repertoire Data. Frontiers in Immunology, 2016, 7, 457.	2.2	47
10	A Short-Read Multiplex Sequencing Method for Reliable, Cost-Effective and High-Throughput Genotyping in Large-Scale Studies. Human Mutation, 2013, 34, 1715-1720.	1.1	45
11	Diversity in immunogenomics: the value and the challenge. Nature Methods, 2021, 18, 588-591.	9.0	40
12	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
13	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
14	Comprehensive TCR repertoire analysis of CD4+ T-cell subsets in rheumatoid arthritis. Journal of Autoimmunity, 2020, 109, 102432.	3.0	29
15	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
16	Single-cell transcriptomic landscape of nucleated cells in umbilical cord blood. GigaScience, 2019, 8, .	3.3	24
17	A Comprehensive Analysis of the T and B Lymphocytes Repertoire Shaped by HIV Vaccines. Frontiers in Immunology, 2018, 9, 2194.	2.2	23
18	Life History Recorded in the Vagino-cervical Microbiome Along with Multi-omes. Genomics, Proteomics and Bioinformatics, 2022, 20, 304-321.	3.0	18

#	ARTICLE	IF	CITATIONS
19	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
20	Landscapes and dynamic diversifications of B-cell receptor repertoires in COVID-19 patients. Human Immunology, 2022, 83, 119-129.	1.2	17
21	T Cell Repertoire Abnormality in Immunodeficiency Patients with DNA Repair and Methylation Defects. Journal of Clinical Immunology, 2022, 42, 375-393.	2.0	10
22	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
23	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
24	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
25	Selection of potential cytokeratin-18 monoclonal antibodies following IGH repertoire evaluation in mice. Journal of Immunological Methods, 2019, 474, 112647.	0.6	2