

Zhenhai Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,515
citations

759233

12
h-index

610901

24
g-index

28
all docs

28
docs citations

28
times ranked

2678
citing authors

#	ARTICLE	IF	CITATIONS
1	Focused Evolution of HIV-1 Neutralizing Antibodies Revealed by Structures and Deep Sequencing. <i>Science</i> , 2011, 333, 1593-1602.	12.6	788
2	Maturation and Diversity of the VRC01-Antibody Lineage over 15 Years of Chronic HIV-1 Infection. <i>Cell</i> , 2015, 161, 470-485.	28.9	226
3	p53 isoform $\hat{p}^{113p53}/\hat{p}^{133p53}$ promotes DNA double-strand break repair to protect cell from death and senescence in response to DNA damage. <i>Cell Research</i> , 2015, 25, 351-369.	12.0	84
4	Analysis of immunoglobulin transcripts and hypermutation following SHIVAD8 infection and protein-plus-adjuvant immunization. <i>Nature Communications</i> , 2015, 6, 6565.	12.8	77
5	SONAR: A High-Throughput Pipeline for Inferring Antibody Ontogenies from Longitudinal Sequencing of B Cell Transcripts. <i>Frontiers in Immunology</i> , 2016, 7, 372.	4.8	67
6	Potentiating CD8+ T cell antitumor activity by inhibiting PCSK9 to promote LDLR-mediated TCR recycling and signaling. <i>Protein and Cell</i> , 2021, 12, 240-260.	11.0	57
7	Podocyte histone deacetylase activity regulates murine and human glomerular diseases. <i>Journal of Clinical Investigation</i> , 2019, 129, 1295-1313.	8.2	42
8	Analysis of human upstream open reading frames and impact on gene expression. <i>Human Genetics</i> , 2015, 134, 605-612.	3.8	39
9	Tools for fundamental analysis functions of TCR repertoires: a systematic comparison. <i>Briefings in Bioinformatics</i> , 2020, 21, 1706-1716.	6.5	18
10	Large-scale analysis of 2,152 Ig-seq datasets reveals key features of B cell biology and the antibody repertoire. <i>Cell Reports</i> , 2021, 35, 109110.	6.4	16
11	Inhibiting calpain 1 and 2 in cyclin G associated kinase "knockout mice mitigates podocyte injury. <i>JCI Insight</i> , 2020, 5, .	5.0	15
12	Renal expression of advanced oxidative protein products predicts progression of renal fibrosis in patients with IgA nephropathy. <i>Laboratory Investigation</i> , 2014, 94, 966-977.	3.7	13
13	Longitudinal analysis of the antibody repertoire of a Zika virus-infected patient revealed dynamic changes in antibody response. <i>Emerging Microbes and Infections</i> , 2020, 9, 111-123.	6.5	13
14	A role of the CTCF binding site at enhancer $E1\pm$ in the dynamic chromatin organization of the <i>Tcra</i> " <i>Tcrd</i> locus. <i>Nucleic Acids Research</i> , 2020, 48, 9621-9636.	14.5	13
15	TRESK channel contributes to depolarization-induced shunting inhibition and modulates epileptic seizures. <i>Cell Reports</i> , 2021, 36, 109404.	6.4	8
16	iKAA " CRISPR hESCs for inducible and multiplex orthogonal gene knockout and activation. <i>FEBS Letters</i> , 2018, 592, 2238-2247.	2.8	7
17	Antibody upstream sequence diversity and its biological implications revealed by repertoire sequencing. <i>Journal of Genetics and Genomics</i> , 2021, 48, 936-945.	3.9	5
18	Novel Allele Detection Tool Benchmark and Application With Antibody Repertoire Sequencing Dataset. <i>Frontiers in Immunology</i> , 2021, 12, 739179.	4.8	5

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19	A Deep Learning Model for Accurate Diagnosis of Infection Using Antibody Repertoires. <i>Journal of Immunology</i> , 2022, 208, 2675-2685.	0.8	5
20	Discovery of Genome-Wide DNA Polymorphisms and Resistance-Relative Genes in Chaling Wild Rice (<i>Oryza rufipogon</i> Griff.) by Whole-Genome Sequencing. <i>Plant Molecular Biology Reporter</i> , 2020, 39, 265.	1.8	2
21	GsmPlot: a web server to visualize epigenome data in NCBI. <i>BMC Bioinformatics</i> , 2020, 21, 55.	2.6	2
22	RAPID: A Rep-Seq Dataset Analysis Platform With an Integrated Antibody Database. <i>Frontiers in Immunology</i> , 2021, 12, 717496.	4.8	2
23	The Biological Significance of Multi-copy Regions and Their Impact on Variant Discovery. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 516-524.	6.9	1