

Ruijun Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,670
citations

567281

15
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

2783
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput isolation of immunoglobulin genes from single human B cells and expression as monoclonal antibodies. <i>Journal of Virological Methods</i> , 2009, 158, 171-179.	2.1	235
2	Staged induction of HIV-1 glycanâ€“dependent broadly neutralizing antibodies. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	212
3	Initial antibodies binding to HIV-1 gp41 in acutely infected subjects are polyreactive and highly mutated. <i>Journal of Experimental Medicine</i> , 2011, 208, 2237-2249.	8.5	198
4	Diversion of HIV-1 vaccineâ€“induced immunity by gp41-microbiota cross-reactive antibodies. <i>Science</i> , 2015, 349, aab1253.	12.6	191
5	Human Non-neutralizing HIV-1 Envelope Monoclonal Antibodies Limit the Number of Founder Viruses during SHIV Mucosal Infection in Rhesus Macaques. <i>PLoS Pathogens</i> , 2015, 11, e1005042.	4.7	145
6	Isolation of a Human Anti-HIV gp41 Membrane Proximal Region Neutralizing Antibody by Antigen-Specific Single B Cell Sorting. <i>PLoS ONE</i> , 2011, 6, e23532.	2.5	137
7	Reconstructing a B-Cell Clonal Lineage. II. Mutation, Selection, and Affinity Maturation. <i>Frontiers in Immunology</i> , 2014, 5, 170.	4.8	104
8	Initiation of immune toleranceâ€“controlled HIV gp41 neutralizing B cell lineages. <i>Science Translational Medicine</i> , 2016, 8, 336ra62.	12.4	86
9	HIV-1 gp120 Vaccine Induces Affinity Maturation in both New and Persistent Antibody Clonal Lineages. <i>Journal of Virology</i> , 2012, 86, 7496-7507.	3.4	76
10	Vaccine Elicitation of High Mannose-Dependent Neutralizing Antibodies against the V3-Glycan Broadly Neutralizing Epitope in Nonhuman Primates. <i>Cell Reports</i> , 2017, 18, 2175-2188.	6.4	69
11	Antibody Light-Chain-Restricted Recognition of the Site of Immune Pressure in the RV144 HIV-1 Vaccine Trial Is Phylogenetically Conserved. <i>Immunity</i> , 2014, 41, 909-918.	14.3	65
12	Inference of the HIV-1 VRC01 Antibody Lineage Unmutated Common Ancestor Reveals Alternative Pathways to Overcome a Key Glycan Barrier. <i>Immunity</i> , 2018, 49, 1162-1174.e8.	14.3	61
13	Intranasal Live Influenza Vaccine Priming Elicits Localized B Cell Responses in Mediastinal Lymph Nodes. <i>Journal of Virology</i> , 2018, 92, .	3.4	30
14	Vaccine-Induced HIV-1 Envelope gp120 Constant Region 1-Specific Antibodies Expose a CD4-Inducible Epitope and Block the Interaction of HIV-1 gp140 with Galactosylceramide. <i>Journal of Virology</i> , 2014, 88, 9406-9417.	3.4	16
15	Interrogation of individual intratumoral B lymphocytes from lung cancer patients for molecular target discovery. <i>Cancer Immunology, Immunotherapy</i> , 2016, 65, 171-180.	4.2	16
16	Envelope-specific B-cell populations in African green monkeys chronically infected with simian immunodeficiency virus. <i>Nature Communications</i> , 2016, 7, 12131.	12.8	14
17	Novel Monoclonal Antibodies for Studies of Human and Rhesus Macaque Secretory Component and Human J-Chain. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2016, 35, 217-226.	1.6	9
18	HIV-1 Envelope Mimicry of Host Enzyme Kynureninase Does Not Disrupt Tryptophan Metabolism. <i>Journal of Immunology</i> , 2016, 197, 4663-4673.	0.8	6