Vladimir Vigdorovich

List of Publications by Year
in descending order

38 papers	1,950 citations	361413 20 h-index	395702 33 g-index
49 all docs	49 docs citations	49 times ranked	3367 citing authors

#	Article	IF	Citations
1	Activity of convalescent and vaccine serum against SARS-CoV-2 Omicron. Nature, 2022, 602, 682-688.	27.8	395
2	Anti-TRAP/SSP2 monoclonal antibodies can inhibit sporozoite infection and may enhance protection of anti-CSP monoclonal antibodies. Npj Vaccines, 2022, 7, .	6.0	3
3	Germinal center activity and B cell maturation are associated with protective antibody responses against Plasmodium pre-erythrocytic infection. PLoS Pathogens, 2022, 18, e1010671.	4.7	4
4	Rapid decline of neutralizing antibodies is associated with decay of IgM in adults recovered from mild COVID-19. Cell Reports Medicine, 2021, 2, 100253.	6.5	40
5	Platelet derived growth factor receptor Î² (PDGFRÎ²) is a host receptor for the human malaria parasite adhesin TRAP. Scientific Reports, 2021, 11, 11328.	3.3	7
6	Determinants of brain swelling in pediatric and adult cerebral malaria. JCI Insight, 2021, 6, .	5.0	25
7	Highly synergistic combinations of nanobodies that target SARS-CoV-2 and are resistant to escape. ELife, 2021, 10, .	6.0	36
8	Vaccination with SARS-CoV-2 variants of concern protects mice from challenge with wild-type virus. PLoS Biology, 2021, 19, e3001384.	5.6	15
9	Mapping the immunogenic landscape of near-native HIV-1 envelope trimers in non-human primates. PLoS Pathogens, 2020, 16, e1008753.	4.7	61
10	Plasma From Recovered COVID-19 Patients Inhibits Spike Protein Binding to ACE2 in a Microsphere-Based Inhibition Assay. Journal of Infectious Diseases, 2020, 222, 1965-1973.	4.0	13
11	Diversity and Function of Maternal HIV-1-Specific Antibodies at the Time of Vertical Transmission. Journal of Virology, 2020, 94, .	3.4	11
12	Human IgA Monoclonal Antibodies That Neutralize Poliovirus, Produced by Hybridomas and Recombinant Expression. Antibodies, 2020, 9, 5.	2.5	11
13	Mapping the immunogenic landscape of near-native HIV-1 envelope trimers in non-human primates. , 2020, 16, e1008753.		0
14	Mapping the immunogenic landscape of near-native HIV-1 envelope trimers in non-human primates. , 2020, 16, e1008753.		0
15	Mapping the immunogenic landscape of near-native HIV-1 envelope trimers in non-human primates. , 2020, 16, e1008753.		0
16	Mapping the immunogenic landscape of near-native HIV-1 envelope trimers in non-human primates. , 2020, 16, e1008753.		0
17	Kappa chain maturation helps drive rapid development of an infant HIV-1 broadly neutralizing antibody lineage. Nature Communications, 2019, 10, 2190.	12.8	31
18	A Tandem Mass Spectrometry Sequence Database Search Method for Identification of O-Fucosylated Proteins by Mass Spectrometry. Journal of Proteome Research, 2019, 18, 652-663.	3.7	16

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19	Plasmodium yoelii S4/CelTOS is important for sporozoite gliding motility and cell traversal. Cellular Microbiology, 2018, 20, e12817.	2.1	18
20	The Micronemal Plasmodium Proteins P36 and P52 Act in Concert to Establish the Replication-Permissive Compartment Within Infected Hepatocytes. Frontiers in Cellular and Infection Microbiology, 2018, 8, 413.	3.9	24
21	A recombinant antibody against Plasmodium vivax UIS4 for distinguishing replicating from dormant liver stages. Malaria Journal, 2018, 17, 370.	2.3	32
22	B cell clonal lineage alterations upon recombinant HIV-1 envelope immunization of rhesus macaques. PLoS Pathogens, 2018, 14, e1007120.	4.7	4
23	A method for the isolation and characterization of functional murine monoclonal antibodies by single B cell cloning. Journal of Immunological Methods, 2017, 448, 66-73.	1.4	47
24	Linking EPCR-Binding PfEMP1 to Brain Swelling in Pediatric Cerebral Malaria. Cell Host and Microbe, 2017, 22, 601-614.e5.	11.0	92
25	Repertoire comparison of the Bâ€cell receptorâ€encoding loci in humans and rhesus macaques by nextâ€generation sequencing. Clinical and Translational Immunology, 2016, 5, e93.	3.8	43
26	Differences in Allelic Frequency and CDRH3 Region Limit the Engagement of HIV Env Immunogens by Putative VRC01 Neutralizing Antibody Precursors. Cell Reports, 2016, 17, 1560-1570.	6.4	42
27	Plasmodium falciparumadhesion domains linked to severe malaria differ in blockade of endothelial protein C receptor. Cellular Microbiology, 2015, 17, 1868-1882.	2.1	42
28	Malaria parasites target the hepatocyte receptor EphA2 for successful host infection. Science, 2015, 350, 1089-1092.	12.6	119
29	Structure and Cancer Immunotherapy of the B7 Family Member B7x. Cell Reports, 2014, 9, 1089-1098.	6.4	58
30	Structure and T Cell Inhibition Properties of B7 Family Member, B7-H3. Structure, 2013, 21, 707-717.	3.3	92
31	Sequence, structure, function, immunity: structural genomics of costimulation. Immunological Reviews, 2009, 229, 356-386.	6.0	83
32	Ability of Hyaluronidase 2 To Degrade Extracellular Hyaluronan Is Not Required for Its Function as a Receptor for Jaagsiekte Sheep Retrovirus. Journal of Virology, 2007, 81, 3124-3129.	3.4	36
33	Letter to the Editor: Hyal2, where are you?. Osteoarthritis and Cartilage, 2006, 14, 1315-1317.	1.3	9
34	Expression and Characterization of a Soluble, Active Form of the Jaagsiekte Sheep Retrovirus Receptor, Hyal2. Journal of Virology, 2005, 79, 79-86.	3.4	45
35	The Cryptosporidium Oocyst Wall Protein Is a Member of a Multigene Family and Has a Homolog in Toxoplasma. Infection and Immunity, 2004, 72, 980-987.	2.2	78
36	Candidate tumor suppressor HYAL2 is a glycosylphosphatidylinositol (GPI)-anchored cell-surface receptor for jaagsiekte sheep retrovirus, the envelope protein of which mediates oncogenic transformation. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 4443-4448.	7.1	306

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37	A Random Survey of the Cryptosporidium parvum Genome. Infection and Immunity, 1999, 67, 3960-3969.	2.2	45
38	Activity of convalescent and vaccine serum against SARS-CoV-2 Omicron. Nature, 0, , .	27.8	56