

Vladimir Vigdorovich

List of Publications by Year in descending order

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Version: 2024-02-01

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. <i>Nature</i> , 2022, 602, 682-688. | 27.8 | 395 |
| 2 | Candidate tumor suppressor HYAL2 is a glycosylphosphatidylinositol (GPI)-anchored cell-surface receptor for jaagsiekte sheep retrovirus, the envelope protein of which mediates oncogenic transformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 4443-4448. | 7.1 | 306 |
| 3 | Malaria parasites target the hepatocyte receptor EphA2 for successful host infection. <i>Science</i> , 2015, 350, 1089-1092. | 12.6 | 119 |
| 4 | Structure and T Cell Inhibition Properties of B7 Family Member, B7-H3. <i>Structure</i> , 2013, 21, 707-717. | 3.3 | 92 |
| 5 | Linking EPCR-Binding PfEMP1 to Brain Swelling in Pediatric Cerebral Malaria. <i>Cell Host and Microbe</i> , 2017, 22, 601-614.e5. | 11.0 | 92 |
| 6 | Sequence, structure, function, immunity: structural genomics of costimulation. <i>Immunological Reviews</i> , 2009, 229, 356-386. | 6.0 | 83 |
| 7 | The <i>Cryptosporidium</i> Oocyst Wall Protein Is a Member of a Multigene Family and Has a Homolog in <i>Toxoplasma</i> . <i>Infection and Immunity</i> , 2004, 72, 980-987. | 2.2 | 78 |
| 8 | Mapping the immunogenic landscape of near-native HIV-1 envelope trimers in non-human primates. <i>PLoS Pathogens</i> , 2020, 16, e1008753. | 4.7 | 61 |
| 9 | Structure and Cancer Immunotherapy of the B7 Family Member B7x. <i>Cell Reports</i> , 2014, 9, 1089-1098. | 6.4 | 58 |
| 10 | Activity of convalescent and vaccine serum against SARS-CoV-2 Omicron. <i>Nature</i> , 0, , . | 27.8 | 56 |
| 11 | A method for the isolation and characterization of functional murine monoclonal antibodies by single B cell cloning. <i>Journal of Immunological Methods</i> , 2017, 448, 66-73. | 1.4 | 47 |
| 12 | Expression and Characterization of a Soluble, Active Form of the Jaagsiekte Sheep Retrovirus Receptor, Hyal2. <i>Journal of Virology</i> , 2005, 79, 79-86. | 3.4 | 45 |
| 13 | A Random Survey of the <i>Cryptosporidium parvum</i> Genome. <i>Infection and Immunity</i> , 1999, 67, 3960-3969. | 2.2 | 45 |
| 14 | Repertoire comparison of the B cell receptor encoding loci in humans and rhesus macaques by next generation sequencing. <i>Clinical and Translational Immunology</i> , 2016, 5, e93. | 3.8 | 43 |
| 15 | <i>Plasmodium falciparum</i> adhesion domains linked to severe malaria differ in blockade of endothelial protein C receptor. <i>Cellular Microbiology</i> , 2015, 17, 1868-1882. | 2.1 | 42 |
| 16 | Differences in Allelic Frequency and CDRH3 Region Limit the Engagement of HIV Env Immunogens by Putative VRC01 Neutralizing Antibody Precursors. <i>Cell Reports</i> , 2016, 17, 1560-1570. | 6.4 | 42 |
| 17 | Rapid decline of neutralizing antibodies is associated with decay of IgM in adults recovered from mild COVID-19. <i>Cell Reports Medicine</i> , 2021, 2, 100253. | 6.5 | 40 |
| 18 | Ability of Hyaluronidase 2 To Degrade Extracellular Hyaluronan Is Not Required for Its Function as a Receptor for Jaagsiekte Sheep Retrovirus. <i>Journal of Virology</i> , 2007, 81, 3124-3129. | 3.4 | 36 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Highly synergistic combinations of nanobodies that target SARS-CoV-2 and are resistant to escape. <i>ELife</i> , 2021, 10, . | 6.0 | 36 |
| 20 | A recombinant antibody against <i>Plasmodium vivax</i> UIS4 for distinguishing replicating from dormant liver stages. <i>Malaria Journal</i> , 2018, 17, 370. | 2.3 | 32 |
| 21 | Kappa chain maturation helps drive rapid development of an infant HIV-1 broadly neutralizing antibody lineage. <i>Nature Communications</i> , 2019, 10, 2190. | 12.8 | 31 |
| 22 | Determinants of brain swelling in pediatric and adult cerebral malaria. <i>JCI Insight</i> , 2021, 6, . | 5.0 | 25 |
| 23 | The Micronemal <i>Plasmodium</i> Proteins P36 and P52 Act in Concert to Establish the Replication-Permissive Compartment Within Infected Hepatocytes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 413. | 3.9 | 24 |
| 24 | <i>Plasmodium yoelii</i> S4/CelTOS is important for sporozoite gliding motility and cell traversal. <i>Cellular Microbiology</i> , 2018, 20, e12817. | 2.1 | 18 |
| 25 | A Tandem Mass Spectrometry Sequence Database Search Method for Identification of O-Fucosylated Proteins by Mass Spectrometry. <i>Journal of Proteome Research</i> , 2019, 18, 652-663. | 3.7 | 16 |
| 26 | Vaccination with SARS-CoV-2 variants of concern protects mice from challenge with wild-type virus. <i>PLoS Biology</i> , 2021, 19, e3001384. | 5.6 | 15 |
| 27 | Plasma From Recovered COVID-19 Patients Inhibits Spike Protein Binding to ACE2 in a Microsphere-Based Inhibition Assay. <i>Journal of Infectious Diseases</i> , 2020, 222, 1965-1973. | 4.0 | 13 |
| 28 | Diversity and Function of Maternal HIV-1-Specific Antibodies at the Time of Vertical Transmission. <i>Journal of Virology</i> , 2020, 94, . | 3.4 | 11 |
| 29 | Human IgA Monoclonal Antibodies That Neutralize Poliovirus, Produced by Hybridomas and Recombinant Expression. <i>Antibodies</i> , 2020, 9, 5. | 2.5 | 11 |
| 30 | Letter to the Editor: Hyal2, where are you?. <i>Osteoarthritis and Cartilage</i> , 2006, 14, 1315-1317. | 1.3 | 9 |
| 31 | Platelet derived growth factor receptor $\hat{1}^2$ (PDGFR $\hat{1}^2$) is a host receptor for the human malaria parasite adhesin TRAP. <i>Scientific Reports</i> , 2021, 11, 11328. | 3.3 | 7 |
| 32 | B cell clonal lineage alterations upon recombinant HIV-1 envelope immunization of rhesus macaques. <i>PLoS Pathogens</i> , 2018, 14, e1007120. | 4.7 | 4 |
| 33 | Germinal center activity and B cell maturation are associated with protective antibody responses against <i>Plasmodium</i> pre-erythrocytic infection. <i>PLoS Pathogens</i> , 2022, 18, e1010671. | 4.7 | 4 |
| 34 | Anti-TRAP/SSP2 monoclonal antibodies can inhibit sporozoite infection and may enhance protection of anti-CSP monoclonal antibodies. <i>Npj Vaccines</i> , 2022, 7, . | 6.0 | 3 |
| 35 | Mapping the immunogenic landscape of near-native HIV-1 envelope trimers in non-human primates. , 2020, 16, e1008753. | | 0 |
| 36 | Mapping the immunogenic landscape of near-native HIV-1 envelope trimers in non-human primates. , 2020, 16, e1008753. | | 0 |

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| 37 | Mapping the immunogenic landscape of near-native HIV-1 envelope trimers in non-human primates. , 2020, 16, e1008753. | | 0 |
| 38 | Mapping the immunogenic landscape of near-native HIV-1 envelope trimers in non-human primates. , 2020, 16, e1008753. | | 0 |