

Judith A Burger

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

3,360
citations

430874

18
h-index

477307

29
g-index

31
all docs

31
docs citations

31
times ranked

5969
citing authors

#	ARTICLE	IF	CITATIONS
1	Potent neutralizing antibodies from COVID-19 patients define multiple targets of vulnerability. <i>Science</i> , 2020, 369, 643-650.	12.6	1,104
2	HIV-1 neutralizing antibodies induced by native-like envelope trimers. <i>Science</i> , 2015, 349, aac4223.	12.6	482
3	Immunogenicity of Stabilized HIV-1 Envelope Trimers with Reduced Exposure of Non-neutralizing Epitopes. <i>Cell</i> , 2015, 163, 1702-1715.	28.9	341
4	Improving the Immunogenicity of Native-like HIV-1 Envelope Trimers by Hyperstabilization. <i>Cell Reports</i> , 2017, 20, 1805-1817.	6.4	171
5	Presenting native-like HIV-1 envelope trimers on ferritin nanoparticles improves their immunogenicity. <i>Retrovirology</i> , 2015, 12, 82.	2.0	156
6	Two-component spike nanoparticle vaccine protects macaques from SARS-CoV-2 infection. <i>Cell</i> , 2021, 184, 1188-1200.e19.	28.9	154
7	Enhancing and shaping the immunogenicity of native-like HIV-1 envelope trimers with a two-component protein nanoparticle. <i>Nature Communications</i> , 2019, 10, 4272.	12.8	149
8	Structure and immunogenicity of a stabilized HIV-1 envelope trimer based on a group-M consensus sequence. <i>Nature Communications</i> , 2019, 10, 2355.	12.8	116
9	Emerging SARS-CoV-2 variants of concern evade humoral immune responses from infection and vaccination. <i>Science Advances</i> , 2021, 7, eabj5365.	10.3	83
10	Incomplete Neutralization and Deviation from Sigmoidal Neutralization Curves for HIV Broadly Neutralizing Monoclonal Antibodies. <i>PLoS Pathogens</i> , 2015, 11, e1005110.	4.7	78
11	Antibody responses against SARS-CoV-2 variants induced by four different SARS-CoV-2 vaccines in health care workers in the Netherlands: A prospective cohort study. <i>PLoS Medicine</i> , 2022, 19, e1003991.	8.4	75
12	Immunogenicity in Rabbits of HIV-1 SOSIP Trimers from Clades A, B, and C, Given Individually, Sequentially, or in Combination. <i>Journal of Virology</i> , 2018, 92, .	3.4	66
13	Cross-reactive antibodies after SARS-CoV-2 infection and vaccination. <i>ELife</i> , 2021, 10, .	6.0	63
14	Human Milk from Previously COVID-19-Infected Mothers: The Effect of Pasteurization on Specific Antibodies and Neutralization Capacity. <i>Nutrients</i> , 2021, 13, 1645.	4.1	54
15	Stabilization of the gp120 V3 loop through hydrophobic interactions reduces the immunodominant V3-directed non-neutralizing response to HIV-1 envelope trimers. <i>Journal of Biological Chemistry</i> , 2018, 293, 1688-1701.	3.4	40
16	Immunogenicity of the mRNA-1273 COVID-19 vaccine in adult patients with inborn errors of immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1949-1957.	2.9	39
17	COVA1-18 neutralizing antibody protects against SARS-CoV-2 in three preclinical models. <i>Nature Communications</i> , 2021, 12, 6097.	12.8	38
18	Immunofocusing and enhancing autologous Tier-2 HIV-1 neutralization by displaying Env trimers on two-component protein nanoparticles. <i>Npj Vaccines</i> , 2021, 6, 24.	6.0	33

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19	Antibody responses induced by SHIV infection are more focused than those induced by soluble native HIV-1 envelope trimers in non-human primates. <i>PLoS Pathogens</i> , 2021, 17, e1009736.	4.7	18
20	Time since SARS-CoV-2 infection and humoral immune response following BNT162b2 mRNA vaccination. <i>EBioMedicine</i> , 2021, 72, 103589.	6.1	16
21	A single mRNA vaccine dose in COVID-19 patients boosts neutralizing antibodies against SARS-CoV-2 and variants of concern. <i>Cell Reports Medicine</i> , 2022, 3, 100486.	6.5	16
22	A third SARS-CoV-2 spike vaccination improves neutralization of variants-of-concern. <i>Npj Vaccines</i> , 2021, 6, 146.	6.0	14
23	The Glycan Hole Area of HIV-1 Envelope Trimers Contributes Prominently to the Induction of Autologous Neutralization. <i>Journal of Virology</i> , 2022, 96, JV10155221.	3.4	13
24	Neutralizing Antibody Responses Induced by HIV-1 Envelope Glycoprotein SOSIP Trimers Derived from Elite Neutralizers. <i>Journal of Virology</i> , 2020, 94, .	3.4	11
25	A SARS-CoV-2 Wuhan spike virosome vaccine induces superior neutralization breadth compared to one using the Beta spike. <i>Scientific Reports</i> , 2022, 12, 3884.	3.3	11
26	Interplay of diverse adjuvants and nanoparticle presentation of native-like HIV-1 envelope trimers. <i>Npj Vaccines</i> , 2021, 6, 103.	6.0	8
27	Immunization with synthetic SARS-CoV-2 S glycoprotein virus-like particles protects macaques from infection. <i>Cell Reports Medicine</i> , 2022, 3, 100528.	6.5	6
28	The Envelope-Based Fusion Antigen GP120C14K Forming Hexamer-Like Structures Triggers T Cell and Neutralizing Antibody Responses Against HIV-1. <i>Frontiers in Immunology</i> , 2019, 10, 2793.	4.8	2
29	Convergent HIV-1 Evolution upon Targeted Destabilization of the gp120-gp41 Interface. <i>Journal of Virology</i> , 2021, 95, e0053221.	3.4	0