

Diane L Bolton

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,064
citations

567281

15
h-index

610901

24
g-index

29
all docs

29
docs citations

29
times ranked

2216
citing authors

#	ARTICLE	IF	CITATIONS
1	A SARS-CoV-2 ferritin nanoparticle vaccine elicits protective immune responses in nonhuman primates. <i>Science Translational Medicine</i> , 2022, 14, .	12.4	73
2	A SARS-CoV-2 Spike Ferritin Nanoparticle Vaccine Is Protective and Promotes a Strong Immunological Response in the <i>Cynomolgus</i> Macaque Coronavirus Disease 2019 (COVID-19) Model. <i>Vaccines</i> , 2022, 10, 717.	4.4	15
3	Single-Cell Profiling of Latently SIV-Infected CD4 ⁺ T Cells Directly <i>Ex Vivo</i> to Reveal Host Factors Supporting Reservoir Persistence. <i>Microbiology Spectrum</i> , 2022, 10, e0060422.	3.0	1
4	mRNA-1273 vaccination protects against SARS-CoV-2-elicited lung inflammation in nonhuman primates. <i>JCI Insight</i> , 2022, 7, .	5.0	3
5	Immunoprofiling Correlates of Protection Against SHIV Infection in Adjuvanted HIV-1 Pox-Protein Vaccinated Rhesus Macaques. <i>Frontiers in Immunology</i> , 2021, 12, 625030.	4.8	6
6	Efficacy and breadth of adjuvanted SARS-CoV-2 receptor-binding domain nanoparticle vaccine in macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	44
7	A SARS-CoV-2 spike ferritin nanoparticle vaccine protects hamsters against Alpha and Beta virus variant challenge. <i>Npj Vaccines</i> , 2021, 6, 129.	6.0	47
8	Preferential and persistent impact of acute HIV-1 infection on CD4 ⁺ iNKT cells in colonic mucosa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	2
9	Cerebrospinal fluid CD4 ⁺ T cell infection in humans and macaques during acute HIV-1 and SHIV infection. <i>PLoS Pathogens</i> , 2021, 17, e1010105.	4.7	9
10	Adjuvanted HIV-1 vaccine promotes antibody-dependent phagocytic responses and protects against heterologous SHIV challenge. <i>PLoS Pathogens</i> , 2020, 16, e1008764.	4.7	37
11	Monocyte and CD4 ⁺ T-cell antiviral and innate responses associated with HIV-1 inflammation and cognitive impairment. <i>Aids</i> , 2020, 34, 1289-1301.	2.2	8
12	Dynamic MAIT cell response with progressively enhanced innateness during acute HIV-1 infection. <i>Nature Communications</i> , 2020, 11, 272.	12.8	38
13	Preferential Infection of $\text{IL}4\text{I}27+$ Memory CD4 ⁺ T Cells During Early Acute Human Immunodeficiency Virus Type 1 Infection. <i>Clinical Infectious Diseases</i> , 2020, 71, e735-e743.	5.8	14
14	Plasmacytoid dendritic cells sense HIV replication before detectable viremia following treatment interruption. <i>Journal of Clinical Investigation</i> , 2020, 130, 2845-2858.	8.2	31
15	A vaccine-induced gene expression signature correlates with protection against SIV and HIV in multiple trials. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	26
16	Safety and efficacy of VRC01 broadly neutralising antibodies in adults with acutely treated HIV (RV397): a phase 2, randomised, double-blind, placebo-controlled trial. <i>Lancet HIV</i> , 2019, 6, e297-e306.	4.7	73
17	A deadly dance: the choreography of host-pathogen interactions, as revealed by single-cell technologies. <i>Nature Communications</i> , 2018, 9, 4638.	12.8	34
18	Single-cell Quantitation of mRNA and Surface Protein Expression in Simian Immunodeficiency Virus-infected CD4 ⁺ T Cells Isolated from Rhesus macaques. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	3

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19	Does perâ€act <scp>HIV</scp>â€1 transmission risk through anal sex vary by gender? An updated systematic review and metaâ€analysis. American Journal of Reproductive Immunology, 2018, 80, e13039.	1.2	35
20	Rapid HIV RNA rebound after antiretroviral treatment interruption in persons durably suppressed in Fiebig I acute HIV infection. Nature Medicine, 2018, 24, 923-926.	30.7	263
21	Accessories to SIV Control: T Cell Vaccination Shows Potential. EBioMedicine, 2017, 18, 17-18.	6.1	0
22	Combined single-cell quantitation of host and SIV genes and proteins ex vivo reveals host-pathogen interactions in individual cells. PLoS Pathogens, 2017, 13, e1006445.	4.7	25
23	Circulating HIV-Specific Interleukin-21+CD4+ T Cells Represent Peripheral Tfh Cells with Antigen-Dependent Helper Functions. Immunity, 2016, 44, 167-178.	14.3	104
24	Human Immunodeficiency Virus Type 1 Monoclonal Antibodies Suppress Acute Simian-Human Immunodeficiency Virus Viremia and Limit Seeding of Cell-Associated Viral Reservoirs. Journal of Virology, 2016, 90, 1321-1332.	3.4	68
25	Cooperativity of HIV-Specific Cytolytic CD4 T Cells and CD8 T Cells in Control of HIV Viremia. Journal of Virology, 2015, 89, 7494-7505.	3.4	70