Karen L Saye-Francisco

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Rapid and Focused Maturation of a VRC01-Class HIV Broadly Neutralizing Antibody Lineage Involves Both Binding and Accommodation of the N276-Glycan. Immunity, 2019, 51, 141-154.e6.	14.3	71
2	HIV-1 vaccine design through minimizing envelope metastability. Science Advances, 2018, 4, eaau6769.	10.3	75
3	Differential Antibody Responses to Conserved HIV-1 Neutralizing Epitopes in the Context of Multivalent Scaffolds and Native-Like gp140 Trimers. MBio, 2017, 8, .	4.1	28
4	Rapid elicitation of broadly neutralizing antibodies to HIV by immunization in cows. Nature, 2017, 548, 108-111.	27.8	154
5	An HIV-1 antibody from an elite neutralizer implicates the fusion peptide as a site of vulnerability. Nature Microbiology, 2017, 2, 16199.	13.3	144
6	Hidden Lineage Complexity of Glycan-Dependent HIV-1 Broadly Neutralizing Antibodies Uncovered by Digital Panning and Native-Like gp140 Trimer. Frontiers in Immunology, 2017, 8, 1025.	4.8	21
7	Lipid interactions and angle of approach to the HIV-1 viral membrane of broadly neutralizing antibody 10E8: Insights for vaccine and therapeutic design. PLoS Pathogens, 2017, 13, e1006212.	4.7	58
8	Minimally Mutated HIV-1 Broadly Neutralizing Antibodies to Guide Reductionist Vaccine Design. PLoS Pathogens, 2016, 12, e1005815.	4.7	104
9	Tailored Immunogens Direct Affinity Maturation toward HIV Neutralizing Antibodies. Cell, 2016, 166, 1459-1470.e11.	28.9	230
10	Sequential Immunization Elicits Broadly Neutralizing Anti-HIV-1 Antibodies in Ig Knockin Mice. Cell, 2016, 166, 1445-1458.e12.	28.9	270
11	A Prominent Site of Antibody Vulnerability on HIV Envelope Incorporates a Motif Associated with CCR5 Binding and Its Camouflaging Glycans. Immunity, 2016, 45, 31-45.	14.3	129
12	Promiscuous Glycan Site Recognition by Antibodies to the High-Mannose Patch of gp120 Broadens Neutralization of HIV. Science Translational Medicine, 2014, 6, 236ra63.	12.4	160
13	Simplifying the synthesis of SIgA: Combination of dIgA and rhSC using affinity chromatography. Methods, 2014, 65, 127-132.	3.8	20