

Jesper Pallesen

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,791
citations

279798

23
h-index

477307

29
g-index

35
all docs

35
docs citations

35
times ranked

6903
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunogenicity and structures of a rationally designed prefusion MERS-CoV spike antigen. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7348-E7357.	7.1	944
2	Pre-fusion structure of a human coronavirus spike protein. Nature, 2016, 531, 118-121.	27.8	623
3	Stabilized coronavirus spikes are resistant to conformational changes induced by receptor recognition or proteolysis. Scientific Reports, 2018, 8, 15701.	3.3	408
4	Trajectories of the ribosome as a Brownian nanomachine. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17492-17497.	7.1	218
5	Open and closed structures reveal allostery and pliability in the HIV-1 envelope spike. Nature, 2017, 547, 360-363.	27.8	217
6	Systematic Analysis of Monoclonal Antibodies against Ebola Virus GP Defines Features that Contribute to Protection. Cell, 2018, 174, 938-952.e13.	28.9	173
7	Universal protection against influenza infection by a multidomain antibody to influenza hemagglutinin. Science, 2018, 362, 598-602.	12.6	170
8	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
9	Structures of Ebola virus GP and sGP in complex with therapeutic antibodies. Nature Microbiology, 2016, 1, 16128.	13.3	92
10	Structure of the human volume regulated anion channel. ELife, 2018, 7, .	6.0	91
11	Antibody Treatment of Ebola and Sudan Virus Infection via a Uniquely Exposed Epitope within the Glycoprotein Receptor-Binding Site. Cell Reports, 2016, 15, 1514-1526.	6.4	80
12	Structural Definition of a Neutralization-Sensitive Epitope on the MERS-CoV S1-NTD. Cell Reports, 2019, 28, 3395-3405.e6.	6.4	63
13	Characterization of the nuclear export adaptor protein Nmd3 in association with the 60S ribosomal subunit. Journal of Cell Biology, 2010, 189, 1079-1086.	5.2	58
14	Automated particle picking for low-contrast macromolecules in cryo-electron microscopy. Journal of Structural Biology, 2014, 186, 1-7.	2.8	52
15	Structure of a cleavage-independent HIV Env recapitulates the glycoprotein architecture of the native cleaved trimer. Nature Communications, 2018, 9, 1956.	12.8	50
16	Potent anti-influenza H7 human monoclonal antibody induces separation of hemagglutinin receptor-binding head domains. PLoS Biology, 2019, 17, e3000139.	5.6	37
17	Human monoclonal antibodies against chikungunya virus target multiple distinct epitopes in the E1 and E2 glycoproteins. PLoS Pathogens, 2019, 15, e1008061.	4.7	35
18	The Chimpanzee SIV Envelope Trimer: Structure and Deployment as an HIV Vaccine Template. Cell Reports, 2019, 27, 2426-2441.e6.	6.4	35

#	ARTICLE	IF	CITATIONS
19	Cryo-EM visualization of the ribosome in termination complex with apo-RF3 and RF1. <i>ELife</i> , 2013, 2, e00411.	6.0	31
20	Affinity grid-based cryo-EM of PKC binding to RACK1 on the ribosome. <i>Journal of Structural Biology</i> , 2013, 181, 190-194.	2.8	30
21	Structural and immunologic correlates of chemically stabilized HIV-1 envelope glycoproteins. <i>PLoS Pathogens</i> , 2018, 14, e1006986.	4.7	28
22	Structure of the HIV-1 Rev response element alone and in complex with regulator of virion (Rev) studied by atomic force microscopy. <i>FEBS Journal</i> , 2009, 276, 4223-4232.	4.7	24
23	Reference-free particle selection enhanced with semi-supervised machine learning for cryo-electron microscopy. <i>Journal of Structural Biology</i> , 2011, 175, 353-361.	2.8	24
24	Differences in the Binding Affinity of an HIV-1 V2 Apex-Specific Antibody for the SIV Envelope Glycoprotein Uncouple Antibody-Dependent Cellular Cytotoxicity from Neutralization. <i>MBio</i> , 2019, 10, .	4.1	18
25	Structure of the HIV-1 Untranslated Region Dimer Alone and in Complex with Gold Nanocolloids: Support of a TAR-Containing 5' Dimer Linkage Site (DLS) and a 3' DIS-Containing DLS. <i>Biochemistry</i> , 2011, 50, 6170-6177.	2.5	8
26	Trajectories of the ribosome as a Brownian nanomachine. <i>journal of hand surgery Asian-Pacific volume, The</i> , 2018, , 463-475.	0.4	2
27	Induction of tier-2 neutralizing antibodies in mice with a DNA-encoded HIV envelope native like trimer. <i>Nature Communications</i> , 2022, 13, 695.	12.8	2
28	Fully Automated Particle Selection and Verification in Single-Particle Cryo-EM. <i>Applied and Numerical Harmonic Analysis</i> , 2014, , 43-66.	0.3	1