Neelakshi Gohain

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7836808/publications.pdf

Version: 2024-02-01

30	746	623734	642732
papers	citations	14 h-index	23 g-index

31	31	31	1081
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural Definition of an Antibody-Dependent Cellular Cytotoxicity Response Implicated in Reduced Risk for HIV-1 Infection. Journal of Virology, 2014, 88, 12895-12906.	3.4	108
2	SARS-CoV-2 ferritin nanoparticle vaccines elicit broad SARS coronavirus immunogenicity. Cell Reports, 2021, 37, 110143.	6.4	94
3	Identification of Near-Pan-neutralizing Antibodies against HIV-1 by Deconvolution of Plasma Humoral Responses. Cell, 2018, 173, 1783-1795.e14.	28.9	80
4	Co-receptor Binding Site Antibodies Enable CD4-Mimetics to Expose Conserved Anti-cluster A ADCC Epitopes on HIV-1 Envelope Glycoproteins. EBioMedicine, 2016, 12, 208-218.	6.1	65
5	Cocrystal Structures of Antibody N60-i3 and Antibody JR4 in Complex with gp120 Define More Cluster A Epitopes Involved in Effective Antibody-Dependent Effector Function against HIV-1. Journal of Virology, 2015, 89, 8840-8854.	3.4	51
6	Paring Down HIV Env: Design and Crystal Structure of a Stabilized Inner Domain of HIV-1 gp120 Displaying a Major ADCC Target of the A32 Region. Structure, 2016, 24, 697-709.	3.3	46
7	Dithiocarbamate-inspired side chain stapling chemistry for peptide drug design. Chemical Science, 2019, 10, 1522-1530.	7.4	43
8	Design of a Potent Antibiotic Peptide Based on the Active Region of Human Defensin 5. Journal of Medicinal Chemistry, 2015, 58, 3083-3093.	6.4	41
9	Molecular basis for epitope recognition by non-neutralizing anti-gp41 antibody F240. Scientific Reports, 2016, 6, 36685.	3.3	31
10	Targeting the Late Stage of HIV-1 Entry for Antibody-Dependent Cellular Cytotoxicity: Structural Basis for Env Epitopes in the C11 Region. Structure, 2017, 25, 1719-1731.e4.	3.3	31
11	Antigen-Induced Allosteric Changes in a Human IgG1 Fc Increase Low-Affinity FcÎ³ Receptor Binding. Structure, 2020, 28, 516-527.e5.	3.3	23
12	Defining rules governing recognition and Fc-mediated effector functions to the HIV-1 co-receptor binding site. BMC Biology, 2020, 18, 91.	3.8	20
13	HIV vaccine delayed boosting increases Env variable region 2â€“specific antibody effector functions. JCI Insight, 2020, 5, .	5.0	18
14	Structural basis of how stress-induced MDMX phosphorylation activates p53. Oncogene, 2016, 35, 1919-1925.	5.9	16
15	Design of ultrahigh-affinity and dual-specificity peptide antagonists of MDM2 and MDMX for P53 activation and tumor suppression. Acta Pharmaceutica Sinica B, 2021, 11, 2655-2669.	12.0	15
16	From Rhesus macaque to human: structural evolutionary pathways for immunoglobulin G subclasses. MAbs, 2019, 11, 709-724.	5.2	14
17	Systematic mutational analysis of human neutrophil Î±-defensin HNP4. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 835-844.	2.6	11
18	The purification, crystallization and preliminary structural characterization of FAD-dependent monooxygenase PhzS, a phenazine-modifying enzyme fromPseudomonas aeruginosa. Acta Crystallographica Section F: Structural Biology Communications, 2006, 62, 989-992.	0.7	9

#	Article	IF	Citations
19	The purification, crystallization and preliminary structural characterization of PhzM, a phenazine-modifying methyltransferase fromPseudomonas aeruginosa. Acta Crystallographica Section F: Structural Biology Communications, 2006, 62, 887-890.	0.7	8
20	Induction of Fc-Mediated Effector Functions Against a Stabilized Inner Domain of HIV-1 gp120 Designed to Selectively Harbor the A32 Epitope Region. Frontiers in Immunology, 2019, 10, 677.	4.8	7
21	Humoral Response to the HIV-1 Envelope V2 Region in a Thai Early Acute Infection Cohort. Cells, 2019, 8, 365.	4.1	6
22	Full Length Single Chain Fc Protein (FLSC IgG1) as a Potent Antiviral Therapy Candidate: Implications forIn VivoStudies. AIDS Research and Human Retroviruses, 2016, 32, 178-186.	1.1	5
23	Structural and genetic convergence of HIV-1 neutralizing antibodies in vaccinated non-human primates. PLoS Pathogens, 2021, 17, e1009624.	4.7	2
24	P-D3â€ƒStructural definition of ADCC epitopes within the gp41 immunodominant region. Journal of Acquired Immune Deficiency Syndromes (1999), 2014, 67, 87.	2.1	0
25	P-D11â€ƒStructural basis for ADCC to A32-like region. Journal of Acquired Immune Deficiency Syndromes (1999), 2014, 67, 92.	2.1	0
26	P-C3â€ƒTargeting the epitopes in the C1-C2 region of HIV-1 gp120 for effective Fc-mediated effector function. Journal of Acquired Immune Deficiency Syndromes (1999), 2016, 71, 90.	2.1	0
27	P-D8 New insights on the human anti-HIV-1 Env antibody-mediated cell cytotoxicity (ADCC) against HIV-1 virus: Allosteric regulation of FcRs binding upon antigen engagement. Journal of Acquired Immune Deficiency Syndromes (1999), 2018, 77, 60-60.	2.1	0
28	SARS-CoV-2 Ferritin Nanoparticle Vaccines Elicit Broad SARS Coronavirus Immunogenicity. SSRN Electronic Journal, 0, , .	0.4	0
29	Inducing protective antibody response to HIV-1 with inner domain of gp120. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, a246-a246.	0.1	0
30	Antigen-Induced Allosteric Changes in Human IgG1 Fc Increase Low-Affinity Fcî³ Receptor Binding. SSRN Electronic Journal, 0, , .	0.4	0