

Neelakshi Gohain

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

746
citations

623734

14
h-index

642732

23
g-index

31
all docs

31
docs citations

31
times ranked

1081
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and genetic convergence of HIV-1 neutralizing antibodies in vaccinated non-human primates. <i>PLoS Pathogens</i> , 2021, 17, e1009624.	4.7	2
2	Design of ultrahigh-affinity and dual-specificity peptide antagonists of MDM2 and MDMX for P53 activation and tumor suppression. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2655-2669.	12.0	15
3	SARS-CoV-2 ferritin nanoparticle vaccines elicit broad SARS coronavirus immunogenicity. <i>Cell Reports</i> , 2021, 37, 110143.	6.4	94
4	Defining rules governing recognition and Fc-mediated effector functions to the HIV-1 co-receptor binding site. <i>BMC Biology</i> , 2020, 18, 91.	3.8	20
5	Antigen-Induced Allosteric Changes in a Human IgG1 Fc Increase Low-Affinity Fcγ3 Receptor Binding. <i>Structure</i> , 2020, 28, 516-527.e5.	3.3	23
6	HIV vaccine delayed boosting increases Env variable region 2â€“specific antibody effector functions. <i>JCI Insight</i> , 2020, 5, .	5.0	18
7	Induction of Fc-Mediated Effector Functions Against a Stabilized Inner Domain of HIV-1 gp120 Designed to Selectively Harbor the A32 Epitope Region. <i>Frontiers in Immunology</i> , 2019, 10, 677.	4.8	7
8	Dithiocarbamate-inspired side chain stapling chemistry for peptide drug design. <i>Chemical Science</i> , 2019, 10, 1522-1530.	7.4	43
9	Systematic mutational analysis of human neutrophil ð±-defensin HNP4. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 835-844.	2.6	11
10	Humoral Response to the HIV-1 Envelope V2 Region in a Thai Early Acute Infection Cohort. <i>Cells</i> , 2019, 8, 365.	4.1	6
11	From Rhesus macaque to human: structural evolutionary pathways for immunoglobulin G subclasses. <i>MAbs</i> , 2019, 11, 709-724.	5.2	14
12	Identification of Near-Pan-neutralizing Antibodies against HIV-1 by Deconvolution of Plasma Humoral Responses. <i>Cell</i> , 2018, 173, 1783-1795.e14.	28.9	80
13	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. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018, 77, 60-60.	2.1	0
14	Targeting the Late Stage of HIV-1 Entry for Antibody-Dependent Cellular Cytotoxicity: Structural Basis for Env Epitopes in the C11 Region. <i>Structure</i> , 2017, 25, 1719-1731.e4.	3.3	31
15	Inducing protective antibody response to HIV-1 with inner domain of gp120. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, a246-a246.	0.1	0
16	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. <i>Structure</i> , 2016, 24, 697-709.	3.3	46
17	Co-receptor Binding Site Antibodies Enable CD4-Mimetics to Expose Conserved Anti-cluster A ADCC Epitopes on HIV-1 Envelope Glycoproteins. <i>EBioMedicine</i> , 2016, 12, 208-218.	6.1	65
18	Molecular basis for epitope recognition by non-neutralizing anti-gp41 antibody F240. <i>Scientific Reports</i> , 2016, 6, 36685.	3.3	31

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19	P-C3 Targeting the epitopes in the C1-C2 region of HIV-1 gp120 for effective Fc-mediated effector function. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2016, 71, 90.	2.1	0
20	Structural basis of how stress-induced MDMX phosphorylation activates p53. <i>Oncogene</i> , 2016, 35, 1919-1925.	5.9	16
21	Full Length Single Chain Fc Protein (FLSC IgG1) as a Potent Antiviral Therapy Candidate: Implications for In Vivo Studies. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 178-186.	1.1	5
22	Design of a Potent Antibiotic Peptide Based on the Active Region of Human Defensin 5. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3083-3093.	6.4	41
23	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. <i>Journal of Virology</i> , 2015, 89, 8840-8854.	3.4	51
24	P-D3 Structural definition of ADCC epitopes within the gp41 immunodominant region. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2014, 67, 87.	2.1	0
25	Structural Definition of an Antibody-Dependent Cellular Cytotoxicity Response Implicated in Reduced Risk for HIV-1 Infection. <i>Journal of Virology</i> , 2014, 88, 12895-12906.	3.4	108
26	P-D11 Structural basis for ADCC to A32-like region. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2014, 67, 92.	2.1	0
27	The purification, crystallization and preliminary structural characterization of PhzM, a phenazine-modifying methyltransferase from <i>Pseudomonas aeruginosa</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 887-890.	0.7	8
28	The purification, crystallization and preliminary structural characterization of FAD-dependent monooxygenase PhzS, a phenazine-modifying enzyme from <i>Pseudomonas aeruginosa</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 989-992.	0.7	9
29	SARS-CoV-2 Ferritin Nanoparticle Vaccines Elicit Broad SARS Coronavirus Immunogenicity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
30	Antigen-Induced Allosteric Changes in Human IgG1 Fc Increase Low-Affinity Fcγ3 Receptor Binding. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0