

Sachin S Shivatare

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5990493/publications.pdf>

Version: 2024-02-01

17
papers

1,513
citations

623734

14
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

2350
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of biotinylated and magnetic bead-immobilized enzymes for efficient glyco-engineering and isolation of antibodies. <i>Bioorganic Chemistry</i> , 2021, 112, 104863.	4.1	3
2	Immunogenicity Evaluation of N-Glycans Recognized by HIV Broadly Neutralizing Antibodies. <i>ACS Chemical Biology</i> , 2021, 16, 2016-2025.	3.4	2
3	Synthetic Carbohydrate Chemistry and Translational Medicine. <i>Journal of Organic Chemistry</i> , 2020, 85, 15780-15800.	3.2	21
4	Chemo-enzymatic Synthesis of N-glycans for Array Development and HIV Antibody Profiling. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	1
5	A Neutralizing Antibody Recognizing Primarily N-Linked Glycan Targets the Silent Face of the HIV Envelope. <i>Immunity</i> , 2018, 48, 500-513.e6.	14.3	66
6	Unprecedented Role of Hybrid N-Glycans as Ligands for HIV-1 Broadly Neutralizing Antibodies. <i>Journal of the American Chemical Society</i> , 2018, 140, 5202-5210.	13.7	33
7	Development of glycosynthases with broad glycan specificity for the efficient glyco-remodeling of antibodies. <i>Chemical Communications</i> , 2018, 54, 6161-6164.	4.1	31
8	Glycans Function as Anchors for Antibodies and Help Drive HIV Broadly Neutralizing Antibody Development. <i>Immunity</i> , 2017, 47, 524-537.e3.	14.3	48
9	An Effective Bacterial Fucosidase for Glycoprotein Remodeling. <i>ACS Chemical Biology</i> , 2017, 12, 63-72.	3.4	34
10	Trimeric HIV-1-Env Structures Define Glycan Shields from Clades A, B, and G. <i>Cell</i> , 2016, 165, 813-826.	28.9	379
11	A Prominent Site of Antibody Vulnerability on HIV Envelope Incorporates a Motif Associated with CCR5 Binding and Its Camouflaging Glycans. <i>Immunity</i> , 2016, 45, 31-45.	14.3	129
12	Modular synthesis of N-glycans and arrays for the hetero-ligand binding analysis of HIV antibodies. <i>Nature Chemistry</i> , 2016, 8, 338-346.	13.6	97
13	A common glycan structure on immunoglobulin G for enhancement of effector functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10611-10616.	7.1	179
14	Broadly Neutralizing HIV Antibodies Define a Glycan-Dependent Epitope on the Prefusion Conformation of gp41 on Cleaved Envelope Trimers. <i>Immunity</i> , 2014, 40, 657-668.	14.3	342
15	Efficient Convergent Synthesis of Bi-, Tri-, and Tetra-antennary Complex Type N-Glycans and Their HIV-1 Antigenicity. <i>Journal of the American Chemical Society</i> , 2013, 135, 15382-15391.	13.7	86
16	Synthesis and Vaccine Evaluation of the Tumor-Associated Carbohydrate Antigen RM2 from Prostate Cancer. <i>Journal of the American Chemical Society</i> , 2013, 135, 11140-11150.	13.7	44
17	Overcoming the Drug Resistance in Breast Cancer Cells by Rational Design of Efficient Glutathione S-Transferase Inhibitors. <i>Organic Letters</i> , 2010, 12, 20-23.	4.6	18