

# 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	Trimeric HIV-1-Env Structures Define Glycan Shields from Clades A, B, and G. <i>Cell</i> , 2016, 165, 813-826.	28.9	379
2	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
3	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
4	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
5	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
6	Efficient Convergent Synthesis of Bi-, Tri-, and Tetra-antennary Complex Type <i>N</i> -Glycans and Their HIV-1 Antigenicity. <i>Journal of the American Chemical Society</i> , 2013, 135, 15382-15391.	13.7	86
7	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
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	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
10	An Effective Bacterial Fucosidase for Glycoprotein Remodeling. <i>ACS Chemical Biology</i> , 2017, 12, 63-72.	3.4	34
11	Unprecedented Role of Hybrid <i>N</i> -Glycans as Ligands for HIV-1 Broadly Neutralizing Antibodies. <i>Journal of the American Chemical Society</i> , 2018, 140, 5202-5210.	13.7	33
12	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
13	Synthetic Carbohydrate Chemistry and Translational Medicine. <i>Journal of Organic Chemistry</i> , 2020, 85, 15780-15800.	3.2	21
14	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
15	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
16	Immunogenicity Evaluation of N-Glycans Recognized by HIV Broadly Neutralizing Antibodies. <i>ACS Chemical Biology</i> , 2021, 16, 2016-2025.	3.4	2
17	Chemo-enzymatic Synthesis of <i>N</i> -glycans for Array Development and HIV Antibody Profiling. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	1