

# Nitin T Supekar

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,196  
citations

516710

16  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deducing the N- and O-glycosylation profile of the spike protein of novel coronavirus SARS-CoV-2. <i>Glycobiology</i> , 2020, 30, 981-988.	2.5	420
2	Comprehensive characterization of N- and O- glycosylation of SARS-CoV-2 human receptor angiotensin converting enzyme 2. <i>Glycobiology</i> , 2021, 31, 410-424.	2.5	125
3	Synthetic Receptors for the High Affinity Recognition of O-GlcNAc Derivatives. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3387-3392.	13.8	86
4	Distinct roles of N- and O-glycans in cellulase activity and stability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13667-13672.	7.1	76
5	Immune and Anticancer Responses Elicited by Fully Synthetic Aberrantly Glycosylated MUC1 Tripartite Vaccines Modified by a TLR2 or TLR9 Agonist. <i>ChemBioChem</i> , 2014, 15, 1508-1513.	2.6	60
6	Linear synthesis and immunological properties of a fully synthetic vaccine candidate containing a sialylated MUC1 glycopeptide. <i>Chemical Communications</i> , 2015, 51, 10214-10217.	4.1	51
7	Glycosylation of MUC1 influences the binding of a therapeutic antibody by altering the conformational equilibrium of the antigen. <i>Glycobiology</i> , 2017, 27, 677-687.	2.5	45
8	Tool for Rapid Analysis of Glycopeptide by Permethylatation via One-Pot Site Mapping and Glycan Analysis. <i>Analytical Chemistry</i> , 2017, 89, 10734-10743.	6.5	40
9	Mucin architecture behind the immune response: design, evaluation and conformational analysis of an antitumor vaccine derived from an unnatural MUC1 fragment. <i>Chemical Science</i> , 2016, 7, 2294-2301.	7.4	35
10	MUC1 Vaccines, Comprised of Glycosylated or Non-Glycosylated Peptides or Tumor-Derived MUC1, Can Circumvent Immunoediting to Control Tumor Growth in MUC1 Transgenic Mice. <i>PLoS ONE</i> , 2016, 11, e0145920.	2.5	31
11	Identification of a secondary binding site in human macrophage galactose-type lectin by microarray studies: Implications for the molecular recognition of its ligands. <i>Journal of Biological Chemistry</i> , 2019, 294, 1300-1311.	3.4	31
12	Variable posttranslational modifications of severe acute respiratory syndrome coronavirus 2 nucleocapsid protein. <i>Glycobiology</i> , 2021, 31, 1080-1092.	2.5	31
13	High-Throughput Automated Micro-permethylation for Glycan Structure Analysis. <i>Analytical Chemistry</i> , 2019, 91, 1237-1240.	6.5	23
14	Glycosylation Is Vital for Industrial Performance of Hyperactive Cellulases. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 4792-4800.	6.7	19
15	Mass Spectrometric Method for the Unambiguous Profiling of Cellular Dynamic Glycosylation. <i>ACS Chemical Biology</i> , 2020, 15, 2692-2701.	3.4	19
16	Sequence-Specific Mucins for Glycocalyx Engineering. <i>ACS Synthetic Biology</i> , 2019, 8, 2315-2326.	3.8	17
17	Regulating colonic dendritic cells by commensal glycosylated large surface layer protein A to sustain gut homeostasis against pathogenic inflammation. <i>Mucosal Immunology</i> , 2020, 13, 34-46.	6.0	15
18	Synthesis and Immunological Evaluation of a Multicomponent Cancer Vaccine Candidate Containing a Long MUC1 Glycopeptide. <i>ChemBioChem</i> , 2018, 19, 121-125.	2.6	14

#	ARTICLE	IF	CITATIONS
19	Simplifying Glycan Profiling through a High-Throughput Micropermethylation Strategy. SLAS Technology, 2020, 25, 367-379.	1.9	12
20	Structural basis of Blastomyces Endoglucanase-2 adjuvancy in anti-fungal and -viral immunity. PLoS Pathogens, 2021, 17, e1009324.	4.7	7
21	Role of glycosylation on the ensemble of conformations in the MUC1 immunodominant epitope. Journal of Peptide Science, 2020, 26, e3229.	1.4	3
22	OUP accepted manuscript. Glycobiology, 2021, , .	2.5	2