

# Todd J Suscovich

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

4,346  
citations

236925

25  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

6586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond binding: antibody effector functions in infectious diseases. <i>Nature Reviews Immunology</i> , 2018, 18, 46-61.	22.7	516
2	A Functional Role for Antibodies in Tuberculosis. <i>Cell</i> , 2016, 167, 433-443.e14.	28.9	461
3	Polyfunctional Fc-Effector Profiles Mediated by IgG Subclass Selection Distinguish RV144 and VAX003 Vaccines. <i>Science Translational Medicine</i> , 2014, 6, 228ra38.	12.4	367
4	Distinct Early Serological Signatures Track with SARS-CoV-2 Survival. <i>Immunity</i> , 2020, 53, 524-532.e4.	14.3	334
5	Dissecting Polyclonal Vaccine-Induced Humoral Immunity against HIV Using Systems Serology. <i>Cell</i> , 2015, 163, 988-998.	28.9	326
6	Immunogenicity of COVID-19 mRNA Vaccines in Pregnant and Lactating Women. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 2370.	7.4	307
7	Polyfunctional HIV-Specific Antibody Responses Are Associated with Spontaneous HIV Control. <i>PLoS Pathogens</i> , 2016, 12, e1005315.	4.7	220
8	IFN- $\gamma$ -independent immune markers of Mycobacterium tuberculosis exposure. <i>Nature Medicine</i> , 2019, 25, 977-987.	30.7	186
9	A Role for Fc Function in Therapeutic Monoclonal Antibody-Mediated Protection against Ebola Virus. <i>Cell Host and Microbe</i> , 2018, 24, 221-233.e5.	11.0	182
10	Fc Glycan-Mediated Regulation of Placental Antibody Transfer. <i>Cell</i> , 2019, 178, 202-215.e14.	28.9	157
11	A high-throughput, bead-based, antigen-specific assay to assess the ability of antibodies to induce complement activation. <i>Journal of Immunological Methods</i> , 2019, 473, 112630.	1.4	149
12	Route of immunization defines multiple mechanisms of vaccine-mediated protection against SIV. <i>Nature Medicine</i> , 2018, 24, 1590-1598.	30.7	129
13	A versatile high-throughput assay to characterize antibody-mediated neutrophil phagocytosis. <i>Journal of Immunological Methods</i> , 2019, 471, 46-56.	1.4	124
14	Antigen-Specific Antibody Glycosylation Is Regulated via Vaccination. <i>PLoS Pathogens</i> , 2016, 12, e1005456.	4.7	124
15	Mapping functional humoral correlates of protection against malaria challenge following RTS,S/AS01 vaccination. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	100
16	mRNA-1273 and BNT162b2 COVID-19 vaccines elicit antibodies with differences in Fc-mediated effector functions. <i>Science Translational Medicine</i> , 2022, 14, eabm2311.	12.4	100
17	A method for high-throughput, sensitive analysis of IgG Fc and Fab glycosylation by capillary electrophoresis. <i>Journal of Immunological Methods</i> , 2015, 417, 34-44.	1.4	95
18	Lack of Protection following Passive Transfer of Polyclonal Highly Functional Low-Dose Non-Neutralizing Antibodies. <i>PLoS ONE</i> , 2014, 9, e97229.	2.5	59

#	ARTICLE	IF	CITATIONS
19	Machine Learning Methods Enable Predictive Modeling of Antibody Feature:Function Relationships in RV144 Vaccines. PLoS Computational Biology, 2015, 11, e1004185.	3.2	50
20	Selective induction of antibody effector functional responses using MF59-adjuvanted vaccination. Journal of Clinical Investigation, 2019, 130, 662-672.	8.2	50
21	Integrated pipeline for the accelerated discovery of antiviral antibody therapeutics. Nature Biomedical Engineering, 2020, 4, 1030-1043.	22.5	46
22	High-resolution definition of humoral immune response correlates of effective immunity against HIV. Molecular Systems Biology, 2018, 14, e7881.	7.2	37
23	Virus-driven Inflammation Is Associated With the Development of bNAbs in Spontaneous Controllers of HIV. Clinical Infectious Diseases, 2017, 64, 1098-1104.	5.8	36
24	Temporal variation in HIV-specific IgG subclass antibodies during acute infection differentiates spontaneous controllers from chronic progressors. Aids, 2018, 32, 443-450.	2.2	35
25	Survivors of Ebola Virus Disease Develop Polyfunctional Antibody Responses. Journal of Infectious Diseases, 2020, 221, 156-161.	4.0	35
26	A Fc engineering approach to define functional humoral correlates of immunity against Ebola virus. Immunity, 2021, 54, 815-828.e5.	14.3	34
27	Exploiting glycan topography for computational design of Env glycoprotein antigenicity. PLoS Computational Biology, 2018, 14, e1006093.	3.2	19
28	Mining for humoral correlates of HIV control and latent reservoir size. PLoS Pathogens, 2020, 16, e1008868.	4.7	19
29	HIV Antibody Fc N-Linked Glycosylation Is Associated with Viral Rebound. Cell Reports, 2020, 33, 108502.	6.4	19
30	Delayed fractional dosing with RTS,S/AS01 improves humoral immunity to malaria via a balance of polyfunctional NANP6- and Pf16-specific antibodies. Med, 2021, 2, 1269-1286.e9.	4.4	17