

# Yasunori Watanabe

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34  
papers

2,015  
citations

18  
h-index

35  
g-index

35  
ext. papers

2,908  
ext. citations

10.8  
avg, IF

5.88  
L-index

#	Paper	IF	Citations
34	Site-specific glycan analysis of the SARS-CoV-2 spike. <i>Science</i> , <b>2020</b> , 369, 330-333	33.3	768
33	Exploitation of glycosylation in enveloped virus pathobiology. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2019</b> , 1863, 1480-1497	4	228
32	Vulnerabilities in coronavirus glycan shields despite extensive glycosylation. <i>Nature Communications</i> , <b>2020</b> , 11, 2688	17.4	174
31	SARS-CoV-2 seroprevalence and asymptomatic viral carriage in healthcare workers: a cross-sectional study. <i>Thorax</i> , <b>2020</b> , 75, 1089-1094	7.3	144
30	Site-Specific Glycosylation of Virion-Derived HIV-1 Env Is Mimicked by a Soluble Trimeric Immunogen. <i>Cell Reports</i> , <b>2018</b> , 24, 1958-1966.e5	10.6	89
29	Site-specific analysis of the SARS-CoV-2 glycan shield <b>2020</b> ,		74
28	Two-component spike nanoparticle vaccine protects macaques from SARS-CoV-2 infection. <i>Cell</i> , <b>2021</b> , 184, 1188-1200.e19	56.2	68
27	Structure of the Lassa virus glycan shield provides a model for immunological resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 7320-7325	11.5	62
26	Native-like SARS-CoV-2 Spike Glycoprotein Expressed by ChAdOx1 nCoV-19/AZD1222 Vaccine. <i>ACS Central Science</i> , <b>2021</b> , 7, 594-602	16.8	47
25	Detection of antibodies to the SARS-CoV-2 spike glycoprotein in both serum and saliva enhances detection of infection <b>2020</b> ,		41
24	Sensitive Detection of SARS-CoV-2-Specific Antibodies in Dried Blood Spot Samples. <i>Emerging Infectious Diseases</i> , <b>2020</b> , 26, 2970-2973	10.2	37
23	Subtle Influence of ACE2 Glycan Processing on SARS-CoV-2 Recognition. <i>Journal of Molecular Biology</i> , <b>2021</b> , 433, 166762	6.5	30
22	Cryo-EM Structures of Eastern Equine Encephalitis Virus Reveal Mechanisms of Virus Disassembly and Antibody Neutralization. <i>Cell Reports</i> , <b>2018</b> , 25, 3136-3147.e5	10.6	25
21	Networks of HIV-1 Envelope Glycans Maintain Antibody Epitopes in the Face of Glycan Additions and Deletions. <i>Structure</i> , <b>2020</b> , 28, 897-909.e6	5.2	24
20	A dynamic three-step mechanism drives the HIV-1 pre-fusion reaction. <i>Nature Structural and Molecular Biology</i> , <b>2018</b> , 25, 814-822	17.6	23
19	Signature of Antibody Domain Exchange by Native Mass Spectrometry and Collision-Induced Unfolding. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 7325-7331	7.8	22
18	Collision Cross Sections and Ion Mobility Separation of Fragment Ions from Complex N-Glycans. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2018</b> , 29, 1250-1261	3.5	20

17	Site-Specific Steric Control of SARS-CoV-2 Spike Glycosylation. <i>Biochemistry</i> , <b>2021</b> , 60, 2153-2169	3.2	20
16	Engineering the fragment crystallizable (Fc) region of human IgG1 multimers and monomers to fine-tune interactions with sialic acid-dependent receptors. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 12994-13007	5.4	17
15	Serology confirms SARS-CoV-2 infection in PCR-negative children presenting with Paediatric Inflammatory Multi-System Syndrome <b>2020</b> ,		17
14	Vulnerabilities in coronavirus glycan shields despite extensive glycosylation		13
13	Native-like SARS-CoV-2 spike glycoprotein expressed by ChAdOx1 nCoV-19/AZD1222 vaccine <b>2021</b> ,		13
12	Development of a high-sensitivity ELISA detecting IgG, IgA and IgM antibodies to the SARS-CoV-2 spike glycoprotein in serum and saliva. <i>Immunology</i> , <b>2021</b> , 164, 135-147	7.8	10
11	A cross-neutralizing antibody between HIV-1 and influenza virus. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009407	7.6	9
10	Structure-Based Classification Defines the Discrete Conformational Classes Adopted by the Arenaviral GP1. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	9
9	Serological responses to SARS-CoV-2 following non-hospitalised infection: clinical and ethnodemographic features associated with the magnitude of the antibody response <b>2020</b> ,		8
8	Serological responses to SARS-CoV-2 following non-hospitalised infection: clinical and ethnodemographic features associated with the magnitude of the antibody response. <i>BMJ Open Respiratory Research</i> , <b>2021</b> , 8,	5.6	7
7	SARS-CoV-2-specific IgG1/IgG3 but not IgM in children with Pediatric Inflammatory Multi-System Syndrome. <i>Pediatric Allergy and Immunology</i> , <b>2021</b> , 32, 1125-1129	4.2	4
6	Site-specific steric control of SARS-CoV-2 spike glycosylation <b>2021</b> ,		3
5	Networks of HIV-1 envelope glycans maintain antibody epitopes in the face of glycan additions and deletions		2
4	Glycosylation and Serological Reactivity of an Expression-enhanced SARS-CoV-2 Viral Spike Mimetic. <i>Journal of Molecular Biology</i> , <b>2021</b> , 434, 167332	6.5	1
3	Sensitive detection of SARS-CoV-2-specific-antibodies in dried blood spot samples		1
2	Two-component spike nanoparticle vaccine protects macaques from SARS-CoV-2 infection		1
1	Insertion of atypical glycans into the tumor antigen-binding site identifies DLBCLs with distinct origin and behavior. <i>Blood</i> , <b>2021</b> , 138, 1570-1582	2.2	1