Yasunori Watanabe

List of Publications by Year in Descending Order

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	Glycosylation and Serological Reactivity of an Expression-enhanced SARS-CoV-2 Viral Spike Mimetic. *Journal of Molecular Biology*, **2021**, 434, 167332	6.5	1
33	A cross-neutralizing antibody between HIV-1 and influenza virus. *PLoS Pathogens*, **2021**, 17, e1009407	7.6	9
32	Site-specific steric control of SARS-CoV-2 spike glycosylation **2021**,		3
31	Two-component spike nanoparticle vaccine protects macaques from SARS-CoV-2 infection. *Cell*, **2021**, 184, 1188-1200.e19	56.2	68
30	Native-like SARS-CoV-2 Spike Glycoprotein Expressed by ChAdOx1 nCoV-19/AZD1222 Vaccine. *ACS Central Science*, **2021**, 7, 594-602	16.8	47
29	SARS-CoV-2-specific IgG1/IgG3 but not IgM in children with Pediatric Inflammatory Multi-System Syndrome. *Pediatric Allergy and Immunology*, **2021**, 32, 1125-1129	4.2	4
28	Development of a high-sensitivity ELISA detecting IgG, IgA and IgM antibodies to the SARS-CoV-2 spike glycoprotein in serum and saliva. *Immunology*, **2021**, 164, 135-147	7.8	10
27	Site-Specific Steric Control of SARS-CoV-2 Spike Glycosylation. *Biochemistry*, **2021**, 60, 2153-2169	3.2	20
26	Native-like SARS-CoV-2 spike glycoprotein expressed by ChAdOx1 nCoV-19/AZD1222 vaccine **2021**,		13
25	Subtle Influence of ACE2 Glycan Processing on SARS-CoV-2 Recognition. *Journal of Molecular Biology*, **2021**, 433, 166762	6.5	30
24	Insertion of atypical glycans into the tumor antigen-binding site identifies DLBCLs with distinct origin and behavior. *Blood*, **2021**, 138, 1570-1582	2.2	1
23	Serological responses to SARS-CoV-2 following non-hospitalised infection: clinical and ethnodemographic features associated with the magnitude of the antibody response. *BMJ Open Respiratory Research*, **2021**, 8,	5.6	7
22	Site-specific glycan analysis of the SARS-CoV-2 spike. *Science*, **2020**, 369, 330-333	33.3	768
21	Vulnerabilities in coronavirus glycan shields despite extensive glycosylation. *Nature Communications*, **2020**, 11, 2688	17.4	174
20	Networks of HIV-1 Envelope Glycans Maintain Antibody Epitopes in the Face of Glycan Additions and Deletions. *Structure*, **2020**, 28, 897-909.e6	5.2	24
19	Site-specific analysis of the SARS-CoV-2 glycan shield **2020**,		74
18	Serology confirms SARS-CoV-2 infection in PCR-negative children presenting with Paediatric Inflammatory Multi-System Syndrome **2020**,		17

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17	Detection of antibodies to the SARS-CoV-2 spike glycoprotein in both serum and saliva enhances detection of infection **2020**,		41
16	Serological responses to SARS-CoV-2 following non-hospitalised infection: clinical and ethnodemographic features associated with the magnitude of the antibody response **2020**,		8
15	Sensitive Detection of SARS-CoV-2-Specific Antibodies in Dried Blood Spot Samples. *Emerging Infectious Diseases*, **2020**, 26, 2970-2973	10.2	37
14	SARS-CoV-2 seroprevalence and asymptomatic viral carriage in healthcare workers: a cross-sectional study. *Thorax*, **2020**, 75, 1089-1094	7.3	144
13	Exploitation of glycosylation in enveloped virus pathobiology. *Biochimica Et Biophysica Acta - General Subjects*, **2019**, 1863, 1480-1497	4	228
12	Structure-Based Classification Defines the Discrete Conformational Classes Adopted by the Arenaviral GP1. *Journal of Virology*, **2019**, 93,	6.6	9
11	Collision Cross Sections and Ion Mobility Separation of Fragment Ions from Complex N-Glycans. *Journal of the American Society for Mass Spectrometry*, **2018**, 29, 1250-1261	3.5	20
10	Site-Specific Glycosylation of Virion-Derived HIV-1 Env Is Mimicked by a Soluble Trimeric Immunogen. *Cell Reports*, **2018**, 24, 1958-1966.e5	10.6	89
9	A dynamic three-step mechanism drives the HIV-1 pre-fusion reaction. *Nature Structural and Molecular Biology*, **2018**, 25, 814-822	17.6	23
8	Cryo-EM Structures of Eastern Equine Encephalitis Virus Reveal Mechanisms of Virus Disassembly and Antibody Neutralization. *Cell Reports*, **2018**, 25, 3136-3147.e5	10.6	25
7	Signature of Antibody Domain Exchange by Native Mass Spectrometry and Collision-Induced Unfolding. *Analytical Chemistry*, **2018**, 90, 7325-7331	7.8	22
6	Structure of the Lassa virus glycan shield provides a model for immunological resistance. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 7320-7325	11.5	62
5	Engineering the fragment crystallizable (Fc) region of human IgG1 multimers and monomers to fine-tune interactions with sialic acid-dependent receptors. *Journal of Biological Chemistry*, **2017**, 292, 12994-13007	5.4	17
4	Networks of HIV-1 envelope glycans maintain antibody epitopes in the face of glycan additions and deletions		2
3	Vulnerabilities in coronavirus glycan shields despite extensive glycosylation		13
2	Sensitive detection of SARS-CoV-2-specific-antibodies in dried blood spot samples		1
1	Two-component spike nanoparticle vaccine protects macaques from SARS-CoV-2 infection		1