Helen M E Duyvesteyn

List of Publications by Year
in descending order

21	5,388	535685 17	721071 23
papers	citations	h-index	g-index

25	25	25	10171
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structures and therapeutic potential of anti-RBD human monoclonal antibodies against SARS-CoV-2. Theranostics, 2022, 12, 1-17.	4.6	6
2	The antibody response to SARS-CoV-2 Beta underscores the antigenic distance to other variants. Cell Host and Microbe, 2022, 30, 53-68.e12.	5.1	52
3	SARS-CoV-2 Omicron-B.1.1.529 leads to widespread escape from neutralizing antibody responses. Cell, 2022, 185, 467-484.e15.	13.5	788
4	A COVID-19 vaccine candidate using SpyCatcher multimerization of the SARS-CoV-2 spike protein receptor-binding domain induces potent neutralising antibody responses. Nature Communications, 2021, 12, 542.	5.8	200
5	The antigenic anatomy of SARS-CoV-2 receptor binding domain. Cell, 2021, 184, 2183-2200.e22.	13.5	331
6	Evidence of escape of SARS-CoV-2 variant B.1.351 from natural and vaccine-induced sera. Cell, 2021, 184, 2348-2361.e6.	13.5	936
7	Reduced neutralization of SARS-CoV-2 B.1.1.7 variant by convalescent and vaccine sera. Cell, 2021, 184, 2201-2211.e7.	13.5	442
8	Antibody evasion by the P.1 strain of SARS-CoV-2. Cell, 2021, 184, 2939-2954.e9.	13.5	519
9	Neutralization potency of monoclonal antibodies recognizing dominant and subdominant epitopes on SARS-CoV-2 Spike is impacted by the B.1.1.7 variant. Immunity, 2021, 54, 1276-1289.e6.	6.6	112
10	Site-Specific Steric Control of SARS-CoV-2 Spike Glycosylation. Biochemistry, 2021, 60, 2153-2169.	1.2	54
11	Reduced neutralization of SARS-CoV-2 B.1.617 by vaccine and convalescent serum. Cell, 2021, 184, 4220-4236.e13.	13.5	630
12	Bacteriophage PRD1 as a nanoscaffold for drug loading. Nanoscale, 2021, 13, 19875-19883.	2.8	3
13	Glutathione facilitates enterovirus assembly by binding at a druggable pocket. Communications Biology, 2020, 3, 9.	2.0	16
14	Neutralizing nanobodies bind SARS-CoV-2 spike RBD and block interaction with ACE2. Nature Structural and Molecular Biology, 2020, 27, 846-854.	3.6	434
15	Structural basis for the neutralization of SARS-CoV-2 by an antibody from a convalescent patient. Nature Structural and Molecular Biology, 2020, 27, 950-958.	3.6	268
16	Neutralization of SARS-CoV-2 by Destruction of the Prefusion Spike. Cell Host and Microbe, 2020, 28, 445-454.e6.	5.1	298
17	Dose-resolved serial synchrotron and XFEL structures of radiation-sensitive metalloproteins. IUCrJ, 2019, 6, 543-551.	1.0	65
18	High-throughput structures of proteinâ€“ligand complexes at room temperature using serial femtosecond crystallography. IUCrJ, 2019, 6, 1074-1085.	1.0	36

#	Article	IF	Citations
19	Towards in cellulo virus crystallography. Scientific Reports, 2018, 8, 3771.	1.6	11
20	Machining protein microcrystals for structure determination by electron diffraction. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9569-9573.	3.3	69
21	Signature of Antibody Domain Exchange by Native Mass Spectrometry and Collision-Induced Unfolding. Analytical Chemistry, 2018, 90, 7325-7331.	3.2	31