Gabriele Cerutti

List of Publications by Year
in descending order

26 papers	3,392 citations	687363 13 h-index	713466 21 g-index
38 all docs	38 docs citations	38 times ranked	7044 citing authors

#	Article	IF	Citations
1	Potent neutralizing antibodies against multiple epitopes on SARS-CoV-2 spike. Nature, 2020, 584, 450-456.	27.8	1,337
2	Increased resistance of SARS-CoV-2 variant P.1 to antibody neutralization. Cell Host and Microbe, 2021, 29, 747-751.e4.	11.0	504
3	Potent SARS-CoV-2 neutralizing antibodies directed against spike N-terminal domain target a single supersite. Cell Host and Microbe, 2021, 29, 819-833.e7.	11.0	444
4	Cryo-EM Structures of SARS-CoV-2 Spike without and with ACE2 Reveal a pH-Dependent Switch to Mediate Endosomal Positioning of Receptor-Binding Domains. Cell Host and Microbe, 2020, 28, 867-879.e5.	11.0	316
5	Cryo-EM structure of the SARS-CoV-2 Omicron spike. Cell Reports, 2022, 38, 110428.	6.4	82
6	Structure-Based Design with Tag-Based Purification and In-Process Biotinylation Enable Streamlined Development of SARS-CoV-2 Spike Molecular Probes. Cell Reports, 2020, 33, 108322.	6.4	59
7	Modular basis for potent SARS-CoV-2 neutralization by a prevalent VH1-2-derived antibody class. Cell Reports, 2021, 35, 108950.	6.4	54
8	Structural basis for accommodation of emerging B.1.351 and B.1.1.7 variants by two potent SARS-CoV-2 neutralizing antibodies. Structure, 2021, 29, 655-663.e4.	3.3	52
9	Neutralizing antibody 5-7 defines a distinct site of vulnerability in SARS-CoV-2 spike N-terminal domain. Cell Reports, 2021, 37, 109928.	6.4	52
10	Gating movements and ion permeation in HCN4 pacemaker channels. Molecular Cell, 2021, 81, 2929-2943.e6.	9.7	41
11	Paired heavy- and light-chain signatures contribute to potent SARS-CoV-2 neutralization in public antibody responses. Cell Reports, 2021, 37, 109771.	6.4	38
12	An antibody class with a common CDRH3 motif broadly neutralizes sarbecoviruses. Science Translational Medicine, 2022, 14, eabn6859.	12.4	31
13	A monoclonal antibody that neutralizes SARS-CoV-2 variants, SARS-CoV, and other sarbecoviruses. Emerging Microbes and Infections, 2022, 11, 147-157.	6.5	25
14	Substrateâ€induced conformational change in cytochrome P450 OleP. FASEB Journal, 2019, 33, 1787-1800.	0.5	14
15	Subcellular localization of the five members of the human steroid 5Î±-reductase family. Biochimie Open, 2017, 4, 99-106.	3.2	11
16	Proximal and distal control for ligand binding in neuroglobin: role of the CD loop and evidence for His64 gating. Scientific Reports, 2019, 9, 5326.	3.3	10
17	Crystal structure and functional characterization of an oligosaccharide dehydrogenase from Pycnoporus cinnabarinus provides insights into fungal breakdown of lignocellulose. Biotechnology for Biofuels, 2021, 14, 161.	6.2	7
18	Dissecting the Cytochrome P450 OleP Substrate Specificity: Evidence for a Preferential Substrate. Biomolecules, 2020, 10, 1411.	4.0	6

#	Article	IF	Citations
19	Cryo-EM Structures Delineate a pH-Dependent Switch that Mediates Endosomal Positioning of SARS-CoV-2 Spike Receptor-Binding Domains. SSRN Electronic Journal, 0, , .	0.4	6
20	Point Mutations at a Key Site Alter the Cytochrome P450 OleP Structural Dynamics. Biomolecules, 2022, 12, 55.	4.0	6
21	Structure-Based Design with Tag-Based Purification and In-Process Biotinylation Enable Streamlined Development of SARS-CoV-2 Spike Molecular Probes. SSRN Electronic Journal, 2020, , 3639618.	0.4	3
22	Probing the Role of Murine Neuroglobin CDloopâ€“D-Helix Unit in CO Ligand Binding and Structural Dynamics. ACS Chemical Biology, 0, , .	3.4	2
23	Biodistribution PET/CT Study of Hemoglobin-DFO-89Zr Complex in Healthy and Lung Tumor-Bearing Mice. International Journal of Molecular Sciences, 2020, 21, 4991.	4.1	1
24	Paired Heavy and Light Chain Signatures Contribute to Potent SARS-CoV-2 Neutralization in Public Antibody Responses. SSRN Electronic Journal, 0, , .	0.4	1
25	Structural Studies of an Anti-SARS-CoV-2 Antibody Cocktail. Microscopy and Microanalysis, 2021, 27, 2844-2846.	0.4	0
26	Gating Movements and Ion Permeation in HCN4 Pacemaker Channels. SSRN Electronic Journal, 0, , .	0.4	0