

Gabriele Cerutti

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

3,392
citations

686830

13
h-index

713013

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. <i>Nature</i> , 2020, 584, 450-456.	13.7	1,337
2	Increased resistance of SARS-CoV-2 variant P.1 to antibody neutralization. <i>Cell Host and Microbe</i> , 2021, 29, 747-751.e4.	5.1	504
3	Potent SARS-CoV-2 neutralizing antibodies directed against spike N-terminal domain target a single supersite. <i>Cell Host and Microbe</i> , 2021, 29, 819-833.e7.	5.1	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. <i>Cell Host and Microbe</i> , 2020, 28, 867-879.e5.	5.1	316
5	Cryo-EM structure of the SARS-CoV-2 Omicron spike. <i>Cell Reports</i> , 2022, 38, 110428.	2.9	82
6	Structure-Based Design with Tag-Based Purification and In-Process Biotinylation Enable Streamlined Development of SARS-CoV-2 Spike Molecular Probes. <i>Cell Reports</i> , 2020, 33, 108322.	2.9	59
7	Modular basis for potent SARS-CoV-2 neutralization by a prevalent VH1-2-derived antibody class. <i>Cell Reports</i> , 2021, 35, 108950.	2.9	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. <i>Structure</i> , 2021, 29, 655-663.e4.	1.6	52
9	Neutralizing antibody 5-7 defines a distinct site of vulnerability in SARS-CoV-2 spike N-terminal domain. <i>Cell Reports</i> , 2021, 37, 109928.	2.9	52
10	Gating movements and ion permeation in HCN4 pacemaker channels. <i>Molecular Cell</i> , 2021, 81, 2929-2943.e6.	4.5	41
11	Paired heavy- and light-chain signatures contribute to potent SARS-CoV-2 neutralization in public antibody responses. <i>Cell Reports</i> , 2021, 37, 109771.	2.9	38
12	An antibody class with a common CDRH3 motif broadly neutralizes sarbecoviruses. <i>Science Translational Medicine</i> , 2022, 14, eabn6859.	5.8	31
13	A monoclonal antibody that neutralizes SARS-CoV-2 variants, SARS-CoV, and other sarbecoviruses. <i>Emerging Microbes and Infections</i> , 2022, 11, 147-157.	3.0	25
14	Substrate-induced conformational change in cytochrome P450 OleP. <i>FASEB Journal</i> , 2019, 33, 1787-1800.	0.2	14
15	Subcellular localization of the five members of the human steroid 5 α -reductase family. <i>Biochimie Open</i> , 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. <i>Scientific Reports</i> , 2019, 9, 5326.	1.6	10
17	Crystal structure and functional characterization of an oligosaccharide dehydrogenase from <i>Pycnoporus cinnabarinus</i> provides insights into fungal breakdown of lignocellulose. <i>Biotechnology for Biofuels</i> , 2021, 14, 161.	6.2	7
18	Dissecting the Cytochrome P450 OleP Substrate Specificity: Evidence for a Preferential Substrate. <i>Biomolecules</i> , 2020, 10, 1411.	1.8	6

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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.	1.8	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, , .	1.6	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.	1.8	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.	0.2	0
26	Gating Movements and Ion Permeation in HCN4 Pacemaker Channels. SSRN Electronic Journal, 0, , .	0.4	0