

Luca Piccoli

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

7,030
citations

471371

17
h-index

713332

21
g-index

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all docs

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docs citations

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times ranked

11409
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping Neutralizing and Immunodominant Sites on the SARS-CoV-2 Spike Receptor-Binding Domain by Structure-Guided High-Resolution Serology. <i>Cell</i> , 2020, 183, 1024-1042.e21.	13.5	1,195
2	SARS-CoV-2 B.1.617.2 Delta variant replication and immune evasion. <i>Nature</i> , 2021, 599, 114-119.	13.7	1,041
3	Broadly neutralizing antibodies overcome SARS-CoV-2 Omicron antigenic shift. <i>Nature</i> , 2022, 602, 664-670.	13.7	917
4	Sensitivity of SARS-CoV-2 B.1.1.7 to mRNA vaccine-elicited antibodies. <i>Nature</i> , 2021, 593, 136-141.	13.7	648
5	Circulating SARS-CoV-2 spike N439K variants maintain fitness while evading antibody-mediated immunity. <i>Cell</i> , 2021, 184, 1171-1187.e20.	13.5	541
6	SARS-CoV-2 immune evasion by the B.1.427/B.1.429 variant of concern. <i>Science</i> , 2021, 373, 648-654.	6.0	385
7	SARS-CoV-2 RBD antibodies that maximize breadth and resistance to escape. <i>Nature</i> , 2021, 597, 97-102.	13.7	385
8	Recurrent emergence of SARS-CoV-2 spike deletion H69/V70 and its role in the Alpha variant B.1.1.7. <i>Cell Reports</i> , 2021, 35, 109292.	2.9	375
9	Broad betacoronavirus neutralization by a stem helix-specific human antibody. <i>Science</i> , 2021, 373, 1109-1116.	6.0	262
10	A public antibody lineage that potently inhibits malaria infection through dual binding to the circumsporozoite protein. <i>Nature Medicine</i> , 2018, 24, 401-407.	15.2	183
11	A LAIR1 insertion generates broadly reactive antibodies against malaria variant antigens. <i>Nature</i> , 2016, 529, 105-109.	13.7	140
12	Broadly neutralizing antibodies overcome SARS-CoV-2 Omicron antigenic shift. <i>Nature</i> , 0, , .	13.7	101
13	Public antibodies to malaria antigens generated by two LAIR1 insertion modalities. <i>Nature</i> , 2017, 548, 597-601.	13.7	91
14	Rituximab in multiple sclerosis: Frequency and clinical relevance of anti-drug antibodies. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1224-1233.	1.4	86
15	A single T cell epitope drives the neutralizing anti-drug antibody response to natalizumab in multiple sclerosis patients. <i>Nature Medicine</i> , 2019, 25, 1402-1407.	15.2	50
16	Machine learning analyses of antibody somatic mutations predict immunoglobulin light chain toxicity. <i>Nature Communications</i> , 2021, 12, 3532.	5.8	23
17	Detection and kinetics of persistent neutralizing anti-interferon-beta antibodies in patients with multiple sclerosis. Results from the ABIRISK prospective cohort study. <i>Journal of Neuroimmunology</i> , 2019, 326, 19-27.	1.1	22
18	Poor neutralization and rapid decay of antibodies to SARS-CoV-2 variants in vaccinated dialysis patients. <i>PLoS ONE</i> , 2022, 17, e0263328.	1.1	21

#	ARTICLE	IF	CITATIONS
19	Structural basis of malaria RIFIN binding by LILRB1-containing antibodies. Nature, 2021, 592, 639-643.	13.7	8
20	Exceptionally potent human monoclonal antibodies are effective for prophylaxis and treatment of tetanus in mice. Journal of Clinical Investigation, 2021, 131, .	3.9	8
21	European Immunogenicity Platform 11th Open Scientific Symposium on immunogenicity of biopharmaceuticals. Bioanalysis, 2020, 12, 1043-1048.	0.6	1
22	Structural basis of LAIR1 targeting by polymorphic Plasmodium RIFINs. Nature Communications, 2021, 12, 4226.	5.8	1