

# Romain Gasser

## List of Publications by Citations

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**Version:** 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42  
papers

920  
citations

15  
h-index

29  
g-index

47  
ext. papers

1,642  
ext. citations

10.3  
avg, IF

4.21  
L-index

#	Paper	IF	Citations
42	Cross-Sectional Evaluation of Humoral Responses against SARS-CoV-2 Spike. <i>Cell Reports Medicine</i> , <b>2020</b> , 1, 100126	18	134
41	Decline of Humoral Responses against SARS-CoV-2 Spike in Convalescent Individuals. <i>MBio</i> , <b>2020</b> , 11,	7.8	118
40	Real-Time Conformational Dynamics of SARS-CoV-2 Spikes on Virus Particles. <i>Cell Host and Microbe</i> , <b>2020</b> , 28, 880-891.e8	23.4	70
39	Longitudinal analysis of humoral immunity against SARS-CoV-2 Spike in convalescent individuals up to 8 months post-symptom onset. <i>Cell Reports Medicine</i> , <b>2021</b> , 2, 100290	18	68
38	A single dose of the SARS-CoV-2 vaccine BNT162b2 elicits Fc-mediated antibody effector functions and T cell responses. <i>Cell Host and Microbe</i> , <b>2021</b> , 29, 1137-1150.e6	23.4	68
37	Major role of IgM in the neutralizing activity of convalescent plasma against SARS-CoV-2. <i>Cell Reports</i> , <b>2021</b> , 34, 108790	10.6	48
36	Tuberculosis Exacerbates HIV-1 Infection through IL-10/STAT3-Dependent Tunneling Nanotube Formation in Macrophages. <i>Cell Reports</i> , <b>2019</b> , 26, 3586-3599.e7	10.6	45
35	Live imaging of SARS-CoV-2 infection in mice reveals that neutralizing antibodies require Fc function for optimal efficacy. <i>Immunity</i> , <b>2021</b> , 54, 2143-2158.e15	32.3	37
34	Structural basis and mode of action for two broadly neutralizing antibodies against SARS-CoV-2 emerging variants of concern.. <i>Cell Reports</i> , <b>2021</b> , 110210	10.6	26
33	Contribution of single mutations to selected SARS-CoV-2 emerging variants spike antigenicity. <i>Virology</i> , <b>2021</b> , 563, 134-145	3.6	25
32	Antibody Binding to SARS-CoV-2 S Glycoprotein Correlates with but Does Not Predict Neutralization. <i>Viruses</i> , <b>2020</b> , 12,	6.2	19
31	A single BNT162b2 mRNA dose elicits antibodies with Fc-mediated effector functions and boost pre-existing humoral and T cell responses <b>2021</b> ,		19
30	Interaction of Human ACE2 to Membrane-Bound SARS-CoV-1 and SARS-CoV-2 S Glycoproteins. <i>Viruses</i> , <b>2020</b> , 12,	6.2	17
29	CD4 Incorporation into HIV-1 Viral Particles Exposes Envelope Epitopes Recognized by CD4-Induced Antibodies. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	15
28	Strong humoral immune responses against SARS-CoV-2 Spike after BNT162b2 mRNA vaccination with a 16-week interval between doses.. <i>Cell Host and Microbe</i> , <b>2021</b> ,	23.4	15
27	Evaluation of a Commercial Culture-Free Neutralization Antibody Detection Kit for Severe Acute Respiratory Syndrome-Related Coronavirus-2 and Comparison With an Antireceptor-Binding Domain Enzyme-Linked Immunosorbent Assay. <i>Open Forum Infectious Diseases</i> , <b>2021</b> , 8, ofab220	1	15
26	CCR5 structural plasticity shapes HIV-1 phenotypic properties. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007432	7.6	14

25	Longitudinal analysis of humoral immunity against SARS-CoV-2 Spike in convalescent individuals up to 8 months post-symptom onset <b>2021</b> ,		14
24	Genetic diversity of the highly variable V1 region interferes with Human Immunodeficiency Virus type 1 envelope functionality. <i>Retrovirology</i> , <b>2013</b> , 10, 114	3.6	13
23	Decline of humoral responses against SARS-CoV-2 Spike in convalescent individuals		12
22	Impact of temperature on the affinity of SARS-CoV-2 Spike glycoprotein for host ACE2. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 297, 101151	5.4	12
21	Buffering deleterious polymorphisms in highly constrained parts of HIV-1 envelope by flexible regions. <i>Retrovirology</i> , <b>2016</b> , 13, 50	3.6	10
20	A Fc-enhanced NTD-binding non-neutralizing antibody delays virus spread and synergizes with a nAb to protect mice from lethal SARS-CoV-2 infection.. <i>Cell Reports</i> , <b>2022</b> , 110368	10.6	10
19	Live Imaging of SARS-CoV-2 Infection in Mice Reveals Neutralizing Antibodies Require Fc Function for Optimal Efficacy <b>2021</b> ,		10
18	Cross-sectional evaluation of humoral responses against SARS-CoV-2 Spike <b>2020</b> ,		9
17	Real-time conformational dynamics of SARS-CoV-2 spikes on virus particles <b>2020</b> ,		9
16	Major role of IgM in the neutralizing activity of convalescent plasma against SARS-CoV-2		9
15	Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality. <i>Science Advances</i> , <b>2021</b> , 7, eabj5629	14.3	8
14	Evaluating Humoral Immunity against SARS-CoV-2: Validation of a Plaque-Reduction Neutralization Test and a Multilaboratory Comparison of Conventional and Surrogate Neutralization Assays. <i>Microbiology Spectrum</i> , <b>2021</b> , e0088621	8.9	6
13	Identification of SARS-CoV-2-specific immune alterations in acutely ill patients. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	6
12	Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality		5
11	Mechanisms of HIV-1 evasion to the antiviral activity of chemokine CXCL12 indicate potential links with pathogenesis. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009526	7.6	5
10	Structural Basis and Mode of Action for Two Broadly Neutralizing Antibodies Against SARS-CoV-2 Emerging Variants of Concern <b>2021</b> ,		5
9	Strong humoral immune responses against SARS-CoV-2 Spike after BNT162b2 mRNA vaccination with a sixteen-week interval between doses		4
8	An anti-SARS-CoV-2 non-neutralizing antibody with Fc-effector function defines a new NTD epitope and delays neuroinvasion and death in K18-hACE2 mice		4

7	SARS-CoV-2 Spike Expression at the Surface of Infected Primary Human Airway Epithelial Cells.. <i>Viruses</i> , <b>2021</b> , 14,	6.2	3
6	Antibody binding to SARS-CoV-2 S glycoprotein correlates with, but does not predict neutralization <b>2020</b> ,		3
5	Contribution of single mutations to selected SARS-CoV-2 emerging variants Spike antigenicity		3
4	Evaluation of a Commercial Culture-free Neutralization Antibody Detection Kit for Severe Acute Respiratory Syndrome-Related Coronavirus-2 and Comparison with an Anti-RBD ELISA Assay		3
3	NKNK: a New Essential Motif in the C-Terminal Domain of HIV-1 Group M Integrases. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	2
2	Detection of the HIV-1 accessory proteins Nef and Vpu by flow cytometry represents a new tool to study their functional interplay within a single infected CD4+ T cell.. <i>Journal of Virology</i> , <b>2022</b> , jvi0192921	6.6	1
1	Across Functional Boundaries: Making Nonneutralizing Antibodies To Neutralize HIV-1 and Mediate Fc-Mediated Effector Killing of Infected Cells. <i>MBio</i> , <b>2021</b> , 12, e0140521	7.8	1