

# Romain Gasser

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

2,038  
citations

361045

20  
h-index

500791

28  
g-index

47  
all docs

47  
docs citations

47  
times ranked

3550  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-Sectional Evaluation of Humoral Responses against SARS-CoV-2 Spike. <i>Cell Reports Medicine</i> , 2020, 1, 100126.	3.3	200
2	Decline of Humoral Responses against SARS-CoV-2 Spike in Convalescent Individuals. <i>MBio</i> , 2020, 11, .	1.8	186
3	A single dose of the SARS-CoV-2 vaccine BNT162b2 elicits Fc-mediated antibody effector functions and T <sub>H</sub> cell responses. <i>Cell Host and Microbe</i> , 2021, 29, 1137-1150.e6.	5.1	173
4	Live imaging of SARS-CoV-2 infection in mice reveals that neutralizing antibodies require Fc function for optimal efficacy. <i>Immunity</i> , 2021, 54, 2143-2158.e15.	6.6	155
5	Real-Time Conformational Dynamics of SARS-CoV-2 Spikes on Virus Particles. <i>Cell Host and Microbe</i> , 2020, 28, 880-891.e8.	5.1	153
6	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> , 2021, 2, 100290.	3.3	145
7	Structural basis and mode of action for two broadly neutralizing antibodies against SARS-CoV-2 emerging variants of concern. <i>Cell Reports</i> , 2022, 38, 110210.	2.9	96
8	Major role of IgM in the neutralizing activity of convalescent plasma against SARS-CoV-2. <i>Cell Reports</i> , 2021, 34, 108790.	2.9	94
9	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> , 2022, 30, 97-109.e5.	5.1	83
10	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> , 2022, 38, 110368.	2.9	82
11	Tuberculosis Exacerbates HIV-1 Infection through IL-10/STAT3-Dependent Tunneling Nanotube Formation in Macrophages. <i>Cell Reports</i> , 2019, 26, 3586-3599.e7.	2.9	76
12	Contribution of single mutations to selected SARS-CoV-2 emerging variants spike antigenicity. <i>Virology</i> , 2021, 563, 134-145.	1.1	74
13	Impact of temperature on the affinity of SARS-CoV-2 Spike glycoprotein for host ACE2. <i>Journal of Biological Chemistry</i> , 2021, 297, 101151.	1.6	42
14	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> , 2021, 8, ofab220.	0.4	33
15	Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality. <i>Science Advances</i> , 2021, 7, eabj5629.	4.7	32
16	CD4 Incorporation into HIV-1 Viral Particles Exposes Envelope Epitopes Recognized by CD4-Induced Antibodies. <i>Journal of Virology</i> , 2019, 93, .	1.5	29
17	Interaction of Human ACE2 to Membrane-Bound SARS-CoV-1 and SARS-CoV-2 S Glycoproteins. <i>Viruses</i> , 2020, 12, 1104.	1.5	29
18	CCR5 structural plasticity shapes HIV-1 phenotypic properties. <i>PLoS Pathogens</i> , 2018, 14, e1007432.	2.1	27

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19	Antibody Binding to SARS-CoV-2 S Glycoprotein Correlates with but Does Not Predict Neutralization. <i>Viruses</i> , 2020, 12, 1214.	1.5	26
20	Identification of SARS-CoV-2-specific immune alterations in acutely ill patients. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	24
21	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> , 2021, 9, e0088621.	1.2	17
22	SARS-CoV-2 Spike Expression at the Surface of Infected Primary Human Airway Epithelial Cells. <i>Viruses</i> , 2022, 14, 5.	1.5	16
23	Genetic diversity of the highly variable V1 region interferes with Human Immunodeficiency Virus type 1 envelope functionality. <i>Retrovirology</i> , 2013, 10, 114.	0.9	15
24	Buffering deleterious polymorphisms in highly constrained parts of HIV-1 envelope by flexible regions. <i>Retrovirology</i> , 2016, 13, 50.	0.9	13
25	Mechanisms of HIV-1 evasion to the antiviral activity of chemokine CXCL12 indicate potential links with pathogenesis. <i>PLoS Pathogens</i> , 2021, 17, e1009526.	2.1	10
26	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 <sup>+</sup> T Cell. <i>Journal of Virology</i> , 2022, 96, jvi0192921.	1.5	10
27	NKNK: a New Essential Motif in the C-Terminal Domain of HIV-1 Group M Integrases. <i>Journal of Virology</i> , 2020, 94, .	1.5	7
28	Across Functional Boundaries: Making Nonneutralizing Antibodies To Neutralize HIV-1 and Mediate Fc-Mediated Effector Killing of Infected Cells. <i>MBio</i> , 2021, 12, e0140521.	1.8	3
29	Genetic Flexibility of the NKNK Motif in HIV-1 Integrases Allows Its Involvement in Multiple Functions During Infection. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0