

Romain Gasser

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6494137/romain-gasser-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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> , 2022 , jvi0192921	6.6	1
41	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 , 110368	10.6	10
40	SARS-CoV-2 Spike Expression at the Surface of Infected Primary Human Airway Epithelial Cells.. <i>Viruses</i> , 2021 , 14,	6.2	3
39	Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality. <i>Science Advances</i> , 2021 , 7, eabj5629	14.3	8
38	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 , e0088621	8.9	6
37	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> , 2021 ,	23.4	15
36	Structural basis and mode of action for two broadly neutralizing antibodies against SARS-CoV-2 emerging variants of concern.. <i>Cell Reports</i> , 2021 , 110210	10.6	26
35	Live Imaging of SARS-CoV-2 Infection in Mice Reveals Neutralizing Antibodies Require Fc Function for Optimal Efficacy 2021 ,		10
34	Major role of IgM in the neutralizing activity of convalescent plasma against SARS-CoV-2. <i>Cell Reports</i> , 2021 , 34, 108790	10.6	48
33	A single BNT162b2 mRNA dose elicits antibodies with Fc-mediated effector functions and boost pre-existing humoral and T cell responses 2021 ,		19
32	Identification of SARS-CoV-2-specific immune alterations in acutely ill patients. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	6
31	Mechanisms of HIV-1 evasion to the antiviral activity of chemokine CXCL12 indicate potential links with pathogenesis. <i>PLoS Pathogens</i> , 2021 , 17, e1009526	7.6	5
30	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	1	15
29	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	18	68
28	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> , 2021 , 29, 1137-1150.e6	23.4	68
27	Structural Basis and Mode of Action for Two Broadly Neutralizing Antibodies Against SARS-CoV-2 Emerging Variants of Concern 2021 ,		5
26	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	7.8	1

25	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	32.3	37
24	Impact of temperature on the affinity of SARS-CoV-2 Spike glycoprotein for host ACE2. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101151	5.4	12
23	Contribution of single mutations to selected SARS-CoV-2 emerging variants spike antigenicity. <i>Virology</i> , 2021 , 563, 134-145	3.6	25
22	Longitudinal analysis of humoral immunity against SARS-CoV-2 Spike in convalescent individuals up to 8 months post-symptom onset 2021 ,		14
21	Antibody Binding to SARS-CoV-2 S Glycoprotein Correlates with but Does Not Predict Neutralization. <i>Viruses</i> , 2020 , 12,	6.2	19
20	Cross-sectional evaluation of humoral responses against SARS-CoV-2 Spike 2020 ,		9
19	Antibody binding to SARS-CoV-2 S glycoprotein correlates with, but does not predict neutralization 2020 ,		3
18	Real-time conformational dynamics of SARS-CoV-2 spikes on virus particles 2020 ,		9
17	Decline of Humoral Responses against SARS-CoV-2 Spike in Convalescent Individuals. <i>MBio</i> , 2020 , 11,	7.8	118
16	Interaction of Human ACE2 to Membrane-Bound SARS-CoV-1 and SARS-CoV-2 S Glycoproteins. <i>Viruses</i> , 2020 , 12,	6.2	17
15	Cross-Sectional Evaluation of Humoral Responses against SARS-CoV-2 Spike. <i>Cell Reports Medicine</i> , 2020 , 1, 100126	18	134
14	Real-Time Conformational Dynamics of SARS-CoV-2 Spikes on Virus Particles. <i>Cell Host and Microbe</i> , 2020 , 28, 880-891.e8	23.4	70
13	NKNK: a New Essential Motif in the C-Terminal Domain of HIV-1 Group M Integrases. <i>Journal of Virology</i> , 2020 , 94,	6.6	2
12	CD4 Incorporation into HIV-1 Viral Particles Exposes Envelope Epitopes Recognized by CD4-Induced Antibodies. <i>Journal of Virology</i> , 2019 , 93,	6.6	15
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	10.6	45
10	CCR5 structural plasticity shapes HIV-1 phenotypic properties. <i>PLoS Pathogens</i> , 2018 , 14, e1007432	7.6	14
9	Buffering deleterious polymorphisms in highly constrained parts of HIV-1 envelope by flexible regions. <i>Retrovirology</i> , 2016 , 13, 50	3.6	10
8	Genetic diversity of the highly variable V1 region interferes with Human Immunodeficiency Virus type 1 envelope functionality. <i>Retrovirology</i> , 2013 , 10, 114	3.6	13

7	Decline of humoral responses against SARS-CoV-2 Spike in convalescent individuals	12
6	Major role of IgM in the neutralizing activity of convalescent plasma against SARS-CoV-2	9
5	Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality	5
4	Contribution of single mutations to selected SARS-CoV-2 emerging variants Spike antigenicity	3
3	Strong humoral immune responses against SARS-CoV-2 Spike after BNT162b2 mRNA vaccination with a sixteen-week interval between doses	4
2	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
1	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