

# Marta Massanella

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

3,609  
citations

159358

30  
h-index

143772

57  
g-index

88  
all docs

88  
docs citations

88  
times ranked

5249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inappropriate sinus tachycardia in post-COVID-19 syndrome. <i>Scientific Reports</i> , 2022, 12, 298.	1.6	57
2	Biomarker candidates for progression and clinical management of COVID-19 associated pneumonia at time of admission. <i>Scientific Reports</i> , 2022, 12, 640.	1.6	11
3	Small form factor flow virometer for SARS-CoV-2. <i>Biomedical Optics Express</i> , 2022, 13, 1609.	1.5	3
4	Clinical course impacts early kinetics, magnitude, and amplitude of SARS-CoV-2 neutralizing antibodies beyond 1 year after infection. <i>Cell Reports Medicine</i> , 2022, 3, 100523.	3.3	18
5	Reduced humoral response 3 months following BNT162b2 vaccination in SARS-CoV-2 uninfected residents of long-term care facilities. <i>Age and Ageing</i> , 2022, 51, .	0.7	7
6	Skewed Cellular Distribution and Low Activation of Functional T-Cell Responses in SARS-CoV-2 Non-Seroconvertors. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	2
7	Neurocognitive Profile of the Post-COVID Condition in Adults in Catalonia—A Mixed Method Prospective Cohort and Nested Case-Control Study: Study Protocol. <i>Vaccines</i> , 2022, 10, 849.	2.1	1
8	Continuous Prophylactic Antiretrovirals/Antiretroviral Therapy Since Birth Reduces Seeding and Persistence of the Viral Reservoir in Children Vertically Infected With Human Immunodeficiency Virus. <i>Clinical Infectious Diseases</i> , 2021, 73, 427-438.	2.9	13
9	SARS-CoV-2 infection elicits a rapid neutralizing antibody response that correlates with disease severity. <i>Scientific Reports</i> , 2021, 11, 2608.	1.6	86
10	Stable neutralizing antibody levels 6 months after mild and severe COVID-19 episodes. <i>Med</i> , 2021, 2, 313-320.e4.	2.2	77
11	LILAC pilot study: Effects of metformin on mTOR activation and HIV reservoir persistence during antiretroviral therapy. <i>EBioMedicine</i> , 2021, 65, 103270.	2.7	46
12	Influence of the Antiretroviral Regimen on the Early Changes in Plasma HIV RNA and Immune Activation at Initiation of Antiretroviral Therapy in Naïve HIV-1-Infected Patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, 86, e146-e149.	0.9	0
13	Long-term effects of early antiretroviral initiation on HIV reservoir markers: a longitudinal analysis of the MERLIN clinical study. <i>Lancet Microbe</i> , The, 2021, 2, e198-e209.	3.4	24
14	Previous SARS-CoV-2 Infection Increases B.1.1.7 Cross-Neutralization by Vaccinated Individuals. <i>Viruses</i> , 2021, 13, 1135.	1.5	17
15	Critical Presentation of a Severe Acute Respiratory Syndrome Coronavirus 2 Reinfection: A Case Report. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab329.	0.4	7
16	SARS-CoV-2 Infection Modulates ACE2 Function and Subsequent Inflammatory Responses in Swabs and Plasma of COVID-19 Patients. <i>Viruses</i> , 2021, 13, 1715.	1.5	14
17	TL1A-DR3 Plasma Levels Are Predictive of HIV-1 Disease Control, and DR3 Costimulation Boosts HIV-1-Specific T Cell Responses. <i>Journal of Immunology</i> , 2020, 205, 3348-3357.	0.4	3
18	Improving HIV Outgrowth by Optimizing Cell-Culture Conditions and Supplementing With all-trans Retinoic Acid. <i>Frontiers in Microbiology</i> , 2020, 11, 902.	1.5	15

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19	Infrequent HIV Infection of Circulating Monocytes during Antiretroviral Therapy. <i>Journal of Virology</i> , 2019, 94, .	1.5	23
20	Subclinical Cytomegalovirus DNA Is Associated with CD4 T Cell Activation and Impaired CD8 T Cell CD107a Expression in People Living with HIV despite Early Antiretroviral Therapy. <i>Journal of Virology</i> , 2019, 93, .	1.5	27
21	Single-cell characterization and quantification of translation-competent viral reservoirs in treated and untreated HIV infection. <i>PLoS Pathogens</i> , 2019, 15, e1007619.	2.1	177
22	Assessing intra-lab precision and inter-lab repeatability of outgrowth assays of HIV-1 latent reservoir size. <i>PLoS Computational Biology</i> , 2019, 15, e1006849.	1.5	22
23	Replication competence of virions induced from CD4+ lymphocytes latently infected with HIV. <i>Retrovirology</i> , 2019, 16, 4.	0.9	6
24	Memory B cell dysregulation in HIV-1-infected individuals. <i>Aids</i> , 2018, 32, 149-160.	1.0	11
25	Analyses of Mitochondrial DNA and Immune Phenotyping Suggest Accelerated T-Cell Turnover in Treated HIV. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018, 79, 399-406.	0.9	0
26	Improved assays to measure and characterize the inducible HIV reservoir. <i>EBioMedicine</i> , 2018, 36, 113-121.	2.7	47
27	Inducible HIV RNA transcription assays to measure HIV persistence: pros and cons of a compromise. <i>Retrovirology</i> , 2018, 15, 9.	0.9	25
28	Brief Report. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2017, 74, 201-205.	0.9	7
29	Evaluation of the Aptima HIV-1 Quant Dx Assay for HIV-1 RNA Quantitation in Different Biological Specimen Types. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2544-2553.	1.8	16
30	Preserved immune functionality and high CMV-specific T-cell responses in HIV-infected individuals with poor CD4+ T-cell immune recovery. <i>Scientific Reports</i> , 2017, 7, 11711.	1.6	12
31	Multiparametric characterization of rare HIV-infected cells using an RNA-flow FISH technique. <i>Nature Protocols</i> , 2017, 12, 2029-2049.	5.5	55
32	Elevated humoral response to cytomegalovirus in HIV-infected individuals with poor CD4+ T-cell immune recovery. <i>PLoS ONE</i> , 2017, 12, e0184433.	1.1	17
33	Brief Report. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016, 72, 133-137.	0.9	17
34	Residual inflammation and viral reservoirs. <i>Current Opinion in HIV and AIDS</i> , 2016, 11, 234-241.	1.5	107
35	Effects of HIV/TAT protein expression and chronic selegiline treatment on spatial memory, reversal learning and neurotransmitter levels in mice. <i>Behavioural Brain Research</i> , 2016, 311, 131-140.	1.2	28
36	Single-Cell Characterization of Viral Translation-Competent Reservoirs in HIV-Infected Individuals. <i>Cell Host and Microbe</i> , 2016, 20, 368-380.	5.1	170

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37	Lack of concordance between residual viremia and viral variants driving de novo infection of CD4+ T cells on ART. <i>Retrovirology</i> , 2016, 13, 51.	0.9	14
38	Standard vaccines increase HIV-1 transcription during antiretroviral therapy. <i>Aids</i> , 2016, 30, 2289-2298.	1.0	30
39	Antiretroviral therapy suppressed participants with low CD4+ T-cell counts segregate according to opposite immunological phenotypes. <i>Aids</i> , 2016, 30, 2275-2287.	1.0	10
40	Replication of Human Herpesviruses Is Associated with Higher HIV DNA Levels during Antiretroviral Therapy Started at Early Phases of HIV Infection. <i>Journal of Virology</i> , 2016, 90, 3944-3952.	1.5	52
41	Microstructural changes to the brain of mice after methamphetamine exposure as identified with diffusion tensor imaging. <i>Psychiatry Research - Neuroimaging</i> , 2016, 249, 27-37.	0.9	7
42	Cell-free mitochondrial DNA in CSF is associated with early viral rebound, inflammation, and severity of neurocognitive deficits in HIV infection. <i>Journal of NeuroVirology</i> , 2016, 22, 191-200.	1.0	31
43	Measuring the latent reservoir in vivo. <i>Journal of Clinical Investigation</i> , 2016, 126, 464-472.	3.9	76
44	Methamphetamine Use in HIV-infected Individuals Affects T-cell Function and Viral Outcome during Suppressive Antiretroviral Therapy. <i>Scientific Reports</i> , 2015, 5, 13179.	1.6	45
45	Increased ex vivo cell death of central memory CD4 T cells in treated HIV infected individuals with unsatisfactory immune recovery. <i>Journal of Translational Medicine</i> , 2015, 13, 230.	1.8	33
46	The Sordid Affair Between Human Herpesvirus and HIV. <i>Journal of Infectious Diseases</i> , 2015, 212, 845-852.	1.9	75
47	Quantification of HIV RNA and Human Herpesvirus DNA in Seminal Plasma. <i>Bio-protocol</i> , 2015, 5, .	0.2	7
48	Quantification of Total and 2-LTR (Long terminal repeat) HIV DNA, HIV RNA and Herpesvirus DNA in PBMCs. <i>Bio-protocol</i> , 2015, 5, .	0.2	26
49	Different Plasma Markers of Inflammation Are Influenced by Immune Recovery and cART Composition or Intensification in Treated HIV Infected Individuals. <i>PLoS ONE</i> , 2014, 9, e114142.	1.1	27
50	Cytomegalovirus Replication in Semen Is Associated with Higher Levels of Proviral HIV DNA and CD4 <sup>+</sup> T Cell Activation during Antiretroviral Treatment. <i>Journal of Virology</i> , 2014, 88, 7818-7827.	1.5	69
51	The effect of cell subset isolation method on gene expression in leukocytes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 94-104.	1.1	63
52	A case cluster demonstrating the relationship between HLA concordance and virologic and disease outcomes in human immunodeficiency virus infection. <i>Virology</i> , 2014, 449, 104-108.	1.1	1
53	Intensification of a raltegravir-based regimen with maraviroc in early HIV-1 infection. <i>Aids</i> , 2014, 28, 325-334.	1.0	62
54	Effect of Maraviroc Intensification on HIV-1-Specific T Cell Immunity in Recently HIV-1-Infected Individuals. <i>PLoS ONE</i> , 2014, 9, e87334.	1.1	15

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55	Screening NK-, B- and T-cell phenotype and function in patients suffering from Chronic Fatigue Syndrome. <i>Journal of Translational Medicine</i> , 2013, 11, 68.	1.8	92
56	Assessing main death pathways in T lymphocytes from HIV infected individuals. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 648-658.	1.1	13
57	Differential gene expression in HIV-infected individuals following ART. <i>Antiviral Research</i> , 2013, 100, 420-428.	1.9	32
58	Attacking the HIV Reservoir from the Immune and Viral Perspective. <i>Current HIV/AIDS Reports</i> , 2013, 10, 33-41.	1.1	15
59	Gut Lactobacillales are associated with higher CD4 and less microbial translocation during HIV infection. <i>Aids</i> , 2013, 27, 1921-1931.	1.0	104
60	Dynamics of CD8 T-Cell Activation After Discontinuation of HIV Treatment Intensification. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2013, 63, 152-160.	0.9	21
61	Early but limited effects of raltegravir intensification on CD4 T cell reconstitution in HIV-infected patients with an immunodiscordant response to antiretroviral therapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2358-2362.	1.3	28
62	HIV exposed seronegative individuals show antibodies specifically recognizing native HIV envelope glycoprotein. <i>Aids</i> , 2013, 27, 1375-1385.	1.0	15
63	Immunodiscordant responses to HAART – mechanisms and consequences. <i>Expert Review of Clinical Immunology</i> , 2013, 9, 1135-1149.	1.3	79
64	Treatment Intensification with Raltegravir in Subjects with Sustained HIV-1 Viraemia Suppression: A Randomized 48-Week Study. <i>Antiviral Therapy</i> , 2012, 17, 355-364.	0.6	108
65	Raltegravir intensification shows differing effects on CD8 and CD4 T cells in HIV-infected HAART-suppressed individuals with poor CD4 T-cell recovery. <i>Aids</i> , 2012, 26, 2285-2293.	1.0	44
66	Viremic HIV Infected Individuals with High CD4 T Cells and Functional Envelope Proteins Show Anti-gp41 Antibodies with Unique Specificity and Function. <i>PLoS ONE</i> , 2012, 7, e30330.	1.1	13
67	Susceptibility of Human Lymphoid Tissue Cultured ex vivo to Xenotropic Murine Leukemia Virus-Related Virus (XMRV) Infection. <i>PLoS ONE</i> , 2012, 7, e37415.	1.1	2
68	Adenosine Deaminase Enhances the Immunogenicity of Human Dendritic Cells from Healthy and HIV-Infected Individuals. <i>PLoS ONE</i> , 2012, 7, e51287.	1.1	21
69	A cell-to-cell HIV transfer assay identifies humoral responses with broad neutralization activity. <i>Vaccine</i> , 2011, 29, 5250-5259.	1.7	38
70	The reconstitution of the thymus in immunosuppressed individuals restores CD4-specific cellular and humoral immune responses. <i>Immunology</i> , 2011, 133, 318-328.	2.0	12
71	Restricted infection of xenotropic murine leukemia virus-related virus in human lymphoid tissue. <i>Retrovirology</i> , 2011, 8, .	0.9	0
72	Deep Molecular Characterization of HIV-1 Dynamics under Suppressive HAART. <i>PLoS Pathogens</i> , 2011, 7, e1002314.	2.1	55

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73	Comparative transcriptomics of extreme phenotypes of human HIV-1 infection and SIV infection in sooty mangabey and rhesus macaque. <i>Journal of Clinical Investigation</i> , 2011, 121, 2391-2400.	3.9	168
74	Changes in T-cell subsets in HIV/HCV-coinfected patients during pegylated interferon- $\alpha$ 2a plus ribavirin treatment. <i>Antiviral Therapy</i> , 2010, 15, 333-342.	0.6	16
75	HIV-1 replication and immune dynamics are affected by raltegravir intensification of HAART-suppressed subjects. <i>Nature Medicine</i> , 2010, 16, 460-465.	15.2	500
76	Nadir CD4 T Cell Count as Predictor and High CD4 T Cell Intrinsic Apoptosis as Final Mechanism of Poor CD4 T Cell Recovery in Virologically Suppressed HIV-1 Infected Patients: Clinical Implications. <i>Clinical Infectious Diseases</i> , 2010, 50, 1300-1308.	2.9	133
77	CD4 T-cell hyperactivation and susceptibility to cell death determine poor CD4 T-cell recovery during suppressive HAART. <i>Aids</i> , 2010, 24, 959-968.	1.0	114
78	On the steps of cell-to-cell HIV transmission between CD4 T cells. <i>Retrovirology</i> , 2009, 6, 89.	0.9	38
79	Antigp41 antibodies fail to block early events of virological synapses but inhibit HIV spread between T cells. <i>Aids</i> , 2009, 23, 183-188.	1.0	70
80	HIV transfer between CD4 T cells does not require LFA-1 binding to ICAM-1 and is governed by the interaction of HIV envelope glycoprotein with CD4. <i>Retrovirology</i> , 2008, 5, 32.	0.9	46