Pauline Maiello

List of Publications by Citations

37 papers	1,255 citations	17 h-index	35 g-index
42 ext. papers	1,742 ext. citations	8.4 avg, IF	4.17 L-index

#	Paper	IF	Citations
37	Prevention of tuberculosis in macaques after intravenous BCG immunization. *Nature*, **2020**, 577, 95-102	50.4	204
36	Variability in tuberculosis granuloma T cell responses exists, but a balance of pro- and anti-inflammatory cytokines is associated with sterilization. *PLoS Pathogens*, **2015**, 11, e1004603	7.6	185
35	PET/CT imaging reveals a therapeutic response to oxazolidinones in macaques and humans with tuberculosis. *Science Translational Medicine*, **2014**, 6, 265ra167	17.5	99
34	Digitally Barcoding Reveals Infection Dynamics in the Macaque Model of Tuberculosis. *MBio*, **2017**, 8,	7.8	91
33	Early Changes by (18)Fluorodeoxyglucose positron emission tomography coregistered with computed tomography predict outcome after Mycobacterium tuberculosis infection in cynomolgus macaques. *Infection and Immunity*, **2014**, 82, 2400-4	3.7	89
32	PET CT Identifies Reactivation Risk in Cynomolgus Macaques with Latent M. tuberculosis. *PLoS Pathogens*, **2016**, 12, e1005739	7.6	75
31	Effects of B Cell Depletion on Early Mycobacterium tuberculosis Infection in Cynomolgus Macaques. *Infection and Immunity*, **2016**, 84, 1301-1311	3.7	62
30	Rhesus Macaques Are More Susceptible to Progressive Tuberculosis than Cynomolgus Macaques: a Quantitative Comparison. *Infection and Immunity*, **2018**, 86,	3.7	61
29	Concurrent infection with Mycobacterium tuberculosis confers robust protection against secondary infection in macaques. *PLoS Pathogens*, **2018**, 14, e1007305	7.6	42
28	Analysis of 18FDG PET/CT Imaging as a Tool for Studying Mycobacterium tuberculosis Infection and Treatment in Non-human Primates. *Journal of Visualized Experiments*, **2017**,	1.6	41
27	Granzyme B-expressing neutrophils correlate with bacterial load in granulomas from Mycobacterium tuberculosis-infected cynomolgus macaques. *Cellular Microbiology*, **2015**, 17, 1085-97	3.9	41
26	Positron Emission Tomography Imaging of Macaques with Tuberculosis Identifies Temporal Changes in Granuloma Glucose Metabolism and Integrin α4β1-Expressing Immune Cells. *Journal of Immunology*, **2017**, 199, 806-815	5.3	35
25	Lymph nodes are sites of prolonged bacterial persistence during Mycobacterium tuberculosis infection in macaques. *PLoS Pathogens*, **2018**, 14, e1007337	7.6	35
24	Widespread Virus Replication in Alveoli Drives Acute Respiratory Distress Syndrome in Aerosolized H5N1 Influenza Infection of Macaques. *Journal of Immunology*, **2017**, 198, 1616-1626	5.3	29
23	Boosting BCG with proteins or rAd5 does not enhance protection against tuberculosis in rhesus macaques. *Npj Vaccines*, **2019**, 4, 21	9.5	27
22	IL-10 Impairs Local Immune Response in Lung Granulomas and Lymph Nodes during Early Infection. *Journal of Immunology*, **2020**, 204, 644-659	5.3	21
21	Comparison of Atipamezole with Yohimbine for Antagonism of Xylazine in Mice Anesthetized with Ketamine and Xylazine. *Journal of the American Association for Laboratory Animal Science*, **2017**, 56, 142-147	1.3	17

20	Profiling the airway in the macaque model of tuberculosis reveals variable microbial dysbiosis and alteration of community structure. *Microbiome*, **2018**, 6, 180	16.6	15
19	Evaluation of IL-1 Blockade as an Adjunct to Linezolid Therapy for Tuberculosis in Mice and Macaques. *Frontiers in Immunology*, **2020**, 11, 891	8.4	13
18	MAIT cells are functionally impaired in a Mauritian cynomolgus macaque model of SIV and Mtb co-infection. *PLoS Pathogens*, **2020**, 16, e1008585	7.6	12
17	SIV and Mycobacterium tuberculosis synergy within the granuloma accelerates the reactivation pattern of latent tuberculosis. *PLoS Pathogens*, **2020**, 16, e1008413	7.6	12
16	CD4CD8 Double Positive T cell responses during Mycobacterium tuberculosis infection in cynomolgus macaques. *Journal of Medical Primatology*, **2019**, 48, 82-89	0.7	10
15	Preexisting Simian Immunodeficiency Virus Infection Increases Susceptibility to Tuberculosis in Mauritian Cynomolgus Macaques. *Infection and Immunity*, **2018**, 86,	3.7	9
14	Characterization of T Cells Specific for CFP-10 and ESAT-6 in Mycobacterium tuberculosis-Infected Mauritian Cynomolgus Macaques. *Infection and Immunity*, **2017**, 85,	3.7	7
13	Multimodal profiling of lung granulomas in macaques reveals cellular correlates of tuberculosis control.. *Immunity*, **2022**,	32.3	7
12	SIV and Mycobacterium tuberculosis synergy within the granuloma accelerates the reactivation pattern of latent tuberculosis		4
11	Multimodal profiling of lung granulomas reveals cellular correlates of tuberculosis control		4
10	Pre-existing Simian Immunodeficiency Virus Infection Increases Expression of T Cell Markers Associated with Activation during Early Coinfection and Impairs TNF Responses in Granulomas. *Journal of Immunology*, **2021**,	5.3	3
9	Evaluation of IL-1 blockade as an adjunct to linezolid therapy for tuberculosis in mice and macaques		2
8	Retention of Cu-FLFLF, a Formyl Peptide Receptor 1-Specific PET Probe, Correlates with Macrophage and Neutrophil Abundance in Lung Granulomas from Cynomolgus Macaques. *ACS Infectious Diseases*, **2021**, 7, 2264-2276	5.5	2
7	Spatial and temporal evolution of lung granulomas in a cynomolgus macaque model of infection.. *Radiology of Infectious Diseases*, **2018**, 5, 110-117	2	1
6	Spontaneous Control of SIV Replication Does Not Prevent T Cell Dysregulation and Bacterial Dissemination in Animals Co-Infected with M. tuberculosis.. *Microbiology Spectrum*, **2022**, e0172421	8.9	0
5	T cell transcription factor expression evolves over time in granulomas from Mycobacterium tuberculosis-infected cynomolgus macaques.. *Cell Reports*, **2022**, 39, 110826	10.6	0
4	MAIT cells are functionally impaired in a Mauritian cynomolgus macaque model of SIV and Mtb co-infection **2020**, 16, e1008585		
3	MAIT cells are functionally impaired in a Mauritian cynomolgus macaque model of SIV and Mtb co-infection **2020**, 16, e1008585		

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1 MAIT cells are functionally impaired in a Mauritian cynomolgus macaque model of SIV and Mtb co-infection **2020**, 16, e1008585