Pauline Maisonnasse

List of Publications by Year
in descending order

33	1,969	471509 17	454955 30
papers	citations	h-index	g-index

44	44	44	4440
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evidence That SARS-CoV-2 Induces Lung Cell Senescence: Potential Impact on COVID-19 Lung Disease. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 107-111.	2.9	14
2	Immunization with synthetic SARS-CoV-2 S glycoprotein virus-like particles protects macaques from infection. Cell Reports Medicine, 2022, 3, 100528.	6.5	6
3	Validation of the Performance of A1HPV6, a Triage Blood Test for the Early Diagnosis and Prognosis of SARS-CoV-2 Infection. , 2022, 1, 393-402.		3
4	SARS-COV-2 infection causes massive lung-cell senescence. Revue Des Maladies Respiratoires, 2022, 39, 121.	1.7	0
5	Computed tomography and [18F]-FDG PET imaging provide additional readouts for COVID-19 pathogenesis and therapies evaluation in non-human primates. IScience, 2022, 25, 104101.	4.1	4
6	A Case Study to Dissect Immunity to SARS-CoV-2 in a Neonate Nonhuman Primate Model. Frontiers in Immunology, 2022, 13, .	4.8	3
7	Durable immunogenicity, adaptation to emerging variants, and low-dose efficacy of an AAV-based COVID-19 vaccine platform in macaques. Molecular Therapy, 2022, 30, 2952-2967.	8.2	2
8	Detection of SARS-CoV-2 in subcutaneous fat but not visceral fat, and the disruption of fat lymphocyte homeostasis in both fat tissues in the macaque. Communications Biology, 2022, 5, .	4.4	7
9	Rhesus and cynomolgus macaque immunoglobulin heavy-chain genotyping yields comprehensive databases of germline VDJ alleles. Immunity, 2021, 54, 355-366.e4.	14.3	52
10	Two-component spike nanoparticle vaccine protects macaques from SARS-CoV-2 infection. Cell, 2021, 184, 1188-1200.e19.	28.9	154
11	SARS-CoV-2 viral dynamics in non-human primates. PLoS Computational Biology, 2021, 17, e1008785.	3.2	41
12	Predictive Markers of Immunogenicity and Efficacy for Human Vaccines. Vaccines, 2021, 9, 579.	4.4	25
13	PB1-F2 amyloid-like fibers correlate with proinflammatory signaling and respiratory distress in influenza-infected mice. Journal of Biological Chemistry, 2021, 297, 100885.	3.4	3
14	Non-human primate models of human respiratory infections. Molecular Immunology, 2021, 135, 147-164.	2.2	17
15	Targeting SARS-CoV-2 receptor-binding domain to cells expressing CD40 improves protection to infection in convalescent macaques. Nature Communications, 2021, 12, 5215.	12.8	22
16	An AAV-based, room-temperature-stable, single-dose COVID-19 vaccine provides durable immunogenicity and protection in non-human primates. Cell Host and Microbe, 2021, 29, 1437-1453.e8.	11.0	53
17	Immunogenicity of stabilized HIV-1 Env trimers delivered by self-amplifying mRNA. Molecular Therapy - Nucleic Acids, 2021, 25, 483-493.	5.1	13
18	SARS-CoV-2 infection in nonhuman primates alters the composition and functional activity of the gut microbiota. Gut Microbes, 2021, 13, 1-19.	9.8	75

#	Article	IF	Citations
19	COVA1-18 neutralizing antibody protects against SARS-CoV-2 in three preclinical models. Nature Communications, 2021, 12, 6097.	12.8	38
20	Cross-reactive antibodies after SARS-CoV-2 infection and vaccination. ELife, 2021, 10, .	6.0	63
21	A third SARS-CoV-2 spike vaccination improves neutralization of variants-of-concern. Npj Vaccines, 2021, 6, 146.	6.0	14
22	Animal models for COVID-19. Nature, 2020, 586, 509-515.	27.8	705
23	Hydroxychloroquine use against SARS-CoV-2 infection in non-human primates. Nature, 2020, 585, 584-587.	27.8	287
24	Emerging preclinical evidence does not support broad use of hydroxychloroquine in COVID-19 patients. Nature Communications, 2020, 11, 4253.	12.8	43
25	Porcine Reproductive and Respiratory Syndrome Virus Type 1.3 Lena Triggers Conventional Dendritic Cells 1 Activation and T Helper 1 Immune Response Without Infecting Dendritic Cells. Frontiers in Immunology, 2018, 9, 2299.	4.8	49
26	Porcine Alveolar Macrophage-like cells are pro-inflammatory Pulmonary Intravascular Macrophages that produce large titers of Porcine Reproductive and Respiratory Syndrome Virus. Scientific Reports, 2018, 8, 10172.	3.3	31
27	Pig as a biomedical model: Putting the porcine lung dendritic cells/macrophages network into light. Revue Des Maladies Respiratoires, 2017, 34, A328.	1.7	0
28	The anti-influenza M2e antibody response is promoted by XCR1 targeting in pig skin. Scientific Reports, 2017, 7, 7639.	3.3	15
29	Broncho Alveolar Dendritic Cells and Macrophages Are Highly Similar to Their Interstitial Counterparts. PLoS ONE, 2016, 11, e0167315.	2.5	19
30	The respiratory DC/macrophage network at steady-state and upon influenza infection in the swine biomedical model. Mucosal Immunology, 2016, 9, 835-849.	6.0	74
31	The Influenza Virus Protein PB1-F2 Increases Viral Pathogenesis through Neutrophil Recruitment and NK Cells Inhibition. PLoS ONE, 2016, 11, e0165361.	2.5	33
32	Pig Skin Includes Dendritic Cell Subsets Transcriptomically Related to Human CD1a and CD14 Dendritic Cells Presenting Different Migrating Behaviors and T Cell Activation Capacities. Journal of Immunology, 2014, 193, 5883-5893.	0.8	50
33	Modelling the response to vaccine in non-human primates to define SARS-CoV-2 mechanistic correlates of protection. ELife, 0, 11, .	6.0	7