

Pauline Maisonnasse

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,969
citations

471509

17
h-index

454955

30
g-index

44
all docs

44
docs citations

44
times ranked

4440
citing authors

#	ARTICLE	IF	CITATIONS
1	Animal models for COVID-19. <i>Nature</i> , 2020, 586, 509-515.	27.8	705
2	Hydroxychloroquine use against SARS-CoV-2 infection in non-human primates. <i>Nature</i> , 2020, 585, 584-587.	27.8	287
3	Two-component spike nanoparticle vaccine protects macaques from SARS-CoV-2 infection. <i>Cell</i> , 2021, 184, 1188-1200.e19.	28.9	154
4	SARS-CoV-2 infection in nonhuman primates alters the composition and functional activity of the gut microbiota. <i>Gut Microbes</i> , 2021, 13, 1-19.	9.8	75
5	The respiratory DC/macrophage network at steady-state and upon influenza infection in the swine biomedical model. <i>Mucosal Immunology</i> , 2016, 9, 835-849.	6.0	74
6	Cross-reactive antibodies after SARS-CoV-2 infection and vaccination. <i>ELife</i> , 2021, 10, .	6.0	63
7	An AAV-based, room-temperature-stable, single-dose COVID-19 vaccine provides durable immunogenicity and protection in non-human primates. <i>Cell Host and Microbe</i> , 2021, 29, 1437-1453.e8.	11.0	53
8	Rhesus and cynomolgus macaque immunoglobulin heavy-chain genotyping yields comprehensive databases of germline VDJ alleles. <i>Immunity</i> , 2021, 54, 355-366.e4.	14.3	52
9	Pig Skin Includes Dendritic Cell Subsets Transcriptomically Related to Human CD1a and CD14 Dendritic Cells Presenting Different Migrating Behaviors and T Cell Activation Capacities. <i>Journal of Immunology</i> , 2014, 193, 5883-5893.	0.8	50
10	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. <i>Frontiers in Immunology</i> , 2018, 9, 2299.	4.8	49
11	Emerging preclinical evidence does not support broad use of hydroxychloroquine in COVID-19 patients. <i>Nature Communications</i> , 2020, 11, 4253.	12.8	43
12	SARS-CoV-2 viral dynamics in non-human primates. <i>PLoS Computational Biology</i> , 2021, 17, e1008785.	3.2	41
13	COVA1-18 neutralizing antibody protects against SARS-CoV-2 in three preclinical models. <i>Nature Communications</i> , 2021, 12, 6097.	12.8	38
14	The Influenza Virus Protein PB1-F2 Increases Viral Pathogenesis through Neutrophil Recruitment and NK Cells Inhibition. <i>PLoS ONE</i> , 2016, 11, e0165361.	2.5	33
15	Porcine Alveolar Macrophage-like cells are pro-inflammatory Pulmonary Intravascular Macrophages that produce large titers of Porcine Reproductive and Respiratory Syndrome Virus. <i>Scientific Reports</i> , 2018, 8, 10172.	3.3	31
16	Predictive Markers of Immunogenicity and Efficacy for Human Vaccines. <i>Vaccines</i> , 2021, 9, 579.	4.4	25
17	Targeting SARS-CoV-2 receptor-binding domain to cells expressing CD40 improves protection to infection in convalescent macaques. <i>Nature Communications</i> , 2021, 12, 5215.	12.8	22
18	Broncho Alveolar Dendritic Cells and Macrophages Are Highly Similar to Their Interstitial Counterparts. <i>PLoS ONE</i> , 2016, 11, e0167315.	2.5	19

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19	Non-human primate models of human respiratory infections. <i>Molecular Immunology</i> , 2021, 135, 147-164.	2.2	17
20	The anti-influenza M2e antibody response is promoted by XCR1 targeting in pig skin. <i>Scientific Reports</i> , 2017, 7, 7639.	3.3	15
21	Evidence That SARS-CoV-2 Induces Lung Cell Senescence: Potential Impact on COVID-19 Lung Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 107-111.	2.9	14
22	A third SARS-CoV-2 spike vaccination improves neutralization of variants-of-concern. <i>Npj Vaccines</i> , 2021, 6, 146.	6.0	14
23	Immunogenicity of stabilized HIV-1 Env trimers delivered by self-amplifying mRNA. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 25, 483-493.	5.1	13
24	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. <i>Communications Biology</i> , 2022, 5, .	4.4	7
25	Modelling the response to vaccine in non-human primates to define SARS-CoV-2 mechanistic correlates of protection. <i>ELife</i> , 0, 11, .	6.0	7
26	Immunization with synthetic SARS-CoV-2 S glycoprotein virus-like particles protects macaques from infection. <i>Cell Reports Medicine</i> , 2022, 3, 100528.	6.5	6
27	Computed tomography and [18F]-FDG PET imaging provide additional readouts for COVID-19 pathogenesis and therapies evaluation in non-human primates. <i>IScience</i> , 2022, 25, 104101.	4.1	4
28	PB1-F2 amyloid-like fibers correlate with proinflammatory signaling and respiratory distress in influenza-infected mice. <i>Journal of Biological Chemistry</i> , 2021, 297, 100885.	3.4	3
29	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
30	A Case Study to Dissect Immunity to SARS-CoV-2 in a Neonate Nonhuman Primate Model. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	3
31	Durable immunogenicity, adaptation to emerging variants, and low-dose efficacy of an AAV-based COVID-19 vaccine platform in macaques. <i>Molecular Therapy</i> , 2022, 30, 2952-2967.	8.2	2
32	Pig as a biomedical model: Putting the porcine lung dendritic cells/macrophages network into light. <i>Revue Des Maladies Respiratoires</i> , 2017, 34, A328.	1.7	0
33	SARS-COV-2 infection causes massive lung-cell senescence. <i>Revue Des Maladies Respiratoires</i> , 2022, 39, 121.	1.7	0