

Catherine Chapon

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

850
citations

759233

12
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

1906
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of a PMMA tube on performances of a Vereos PET/CT system adapted for BSL-3 environment according to the NEMA NU2-2012 standard. <i>EJNMMI Physics</i> , 2022, 9, 22.	2.7	0
2	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
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 viral dynamics in non-human primates. <i>PLoS Computational Biology</i> , 2021, 17, e1008785.	3.2	41
5	Visualization of HIV-1 reservoir: an imaging perspective. <i>Current Opinion in HIV and AIDS</i> , 2021, 16, 232-239.	3.8	1
6	Predictive Markers of Immunogenicity and Efficacy for Human Vaccines. <i>Vaccines</i> , 2021, 9, 579.	4.4	25
7	Leukocytospermia induces intraepithelial recruitment of dendritic cells and increases SIV replication in colorectal tissue explants. <i>Communications Biology</i> , 2021, 4, 861.	4.4	5
8	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
9	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
10	COVA1-18 neutralizing antibody protects against SARS-CoV-2 in three preclinical models. <i>Nature Communications</i> , 2021, 12, 6097.	12.8	38
11	Intranasal inoculation with <i>Bordetella pertussis</i> confers protection without inducing classical whooping cough in baboons. <i>Current Research in Microbial Sciences</i> , 2021, 2, 100072.	2.3	4
12	Hydroxychloroquine use against SARS-CoV-2 infection in non-human primates. <i>Nature</i> , 2020, 585, 584-587.	27.8	287
13	Innate Molecular and Cellular Signature in the Skin Preceding Long-Lasting T Cell Responses after Electroporated DNA Vaccination. <i>Journal of Immunology</i> , 2020, 204, 3375-3388.	0.8	11
14	Intradermal vaccination prevents anti-MOG autoimmune encephalomyelitis in macaques. <i>EBioMedicine</i> , 2019, 47, 492-505.	6.1	13
15	Molecular and Cellular Dynamics in the Skin, the Lymph Nodes, and the Blood of the Immune Response to Intradermal Injection of Modified Vaccinia Ankara Vaccine. <i>Frontiers in Immunology</i> , 2018, 9, 870.	4.8	7
16	In vivo imaging of bacterial colonization of the lower respiratory tract in a baboon model of <i>Bordetella pertussis</i> infection and transmission. <i>Scientific Reports</i> , 2018, 8, 12297.	3.3	9
17	Electroporation as a vaccine delivery system and a natural adjuvant to intradermal administration of plasmid DNA in macaques. <i>Scientific Reports</i> , 2017, 7, 4122.	3.3	49
18	Fibered Confocal Fluorescence Microscopy for the Noninvasive Imaging of Langerhans Cells in Macaques. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-8.	0.8	8

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19	Intradermal injection of an anti-Langerin-HIVGag fusion vaccine targets epidermal Langerhans cells in nonhuman primates and can be tracked in vivo. <i>European Journal of Immunology</i> , 2016, 46, 689-700.	2.9	17
20	In vivo imaging in NHP models of malaria: Challenges, progress and outlooks. <i>Parasitology International</i> , 2014, 63, 206-215.	1.3	18
21	Macrophage- and Neutrophil-Derived TNF- α Instructs Skin Langerhans Cells To Prime Antiviral Immune Responses. <i>Journal of Immunology</i> , 2014, 193, 2416-2426.	0.8	43
22	CD34-derived dendritic cells transfected ex vivo with HIV-Gag mRNA induce polyfunctional T cell responses in nonhuman primates. <i>European Journal of Immunology</i> , 2012, 42, 2019-2030.	2.9	20