

Simon P Jochems

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,172
citations

516561

16
h-index

434063

31
g-index

47
all docs

47
docs citations

47
times ranked

2109
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 in Africa: Dampening the storm?. Science, 2020, 369, 624-626.	6.0	155
2	Inflammation induced by influenza virus impairs human innate immune control of pneumococcus. Nature Immunology, 2018, 19, 1299-1308.	7.0	127
3	A controlled human Schistosoma mansoni infection model to advance novel drugs, vaccines and diagnostics. Nature Medicine, 2020, 26, 326-332.	15.2	97
4	Prolonged activation of nasal immune cell populations and development of tissue-resident SARS-CoV-2-specific CD8+ T cell responses following COVID-19. Nature Immunology, 2022, 23, 23-32.	7.0	74
5	The immunological mechanisms that control pneumococcal carriage. PLoS Pathogens, 2017, 13, e1006665.	2.1	69
6	Interaction between the nasal microbiota and S. pneumoniae in the context of live-attenuated influenza vaccine. Nature Communications, 2019, 10, 2981.	5.8	59
7	Innate Immune Responses and Rapid Control of Inflammation in African Green Monkeys Treated or Not with Interferon-Alpha during Primary SIVagm Infection. PLoS Pathogens, 2014, 10, e1004241.	2.1	54
8	Novel Analysis of Immune Cells from Nasal Microbiopsy Demonstrates Reliable, Reproducible Data for Immune Populations, and Superior Cytokine Detection Compared to Nasal Wash. PLoS ONE, 2017, 12, e0169805.	1.1	53
9	Elevated Basal Pre-infection CXCL10 in Plasma and in the Small Intestine after Infection Are Associated with More Rapid HIV/SIV Disease Onset. PLoS Pathogens, 2016, 12, e1005774.	2.1	50
10	Microinvasion by Streptococcus pneumoniae induces epithelial innate immunity during colonisation at the human mucosal surface. Nature Communications, 2019, 10, 3060.	5.8	46
11	Innate and adaptive nasal mucosal immune responses following experimental human pneumococcal colonization. Journal of Clinical Investigation, 2019, 129, 4523-4538.	3.9	34
12	Nasal Pneumococcal Density Is Associated with Microaspiration and Heightened Human Alveolar Macrophage Responsiveness to Bacterial Pathogens. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 335-347.	2.5	33
13	Helminth infections drive heterogeneity in human type 2 and regulatory cells. Science Translational Medicine, 2020, 12, .	5.8	33
14	Intact Type I Interferon Production and IRF7 Function in Sooty Mangabeys. PLoS Pathogens, 2013, 9, e1003597.	2.1	30
15	Two Randomized Trials of the Effect of Live Attenuated Influenza Vaccine on Pneumococcal Colonization. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1160-1163.	2.5	27
16	Systems analysis and controlled malaria infection in Europeans and Africans elucidate naturally acquired immunity. Nature Immunology, 2021, 22, 654-665.	7.0	24
17	Innate immunity in the control of HIV/AIDS. Aids, 2012, 26, 1269-1279.	1.0	19
18	Experimental Human Challenge Defines Distinct Pneumococcal Kinetic Profiles and Mucosal Responses between Colonized and Non-Colonized Adults. MBio, 2021, 12, .	1.8	19

#	ARTICLE	IF	CITATIONS
19	Experimental Human Pneumococcal Colonization in Older Adults Is Feasible and Safe, Not Immunogenic. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 604-613.	2.5	17
20	Pneumococcal colonization impairs mucosal immune responses to Live Attenuated Influenza Vaccine in adults. JCI Insight, 2021, 6, .	2.3	17
21	Systemic <scp>DPP</scp>4 activity is reduced during primary <scp>HIV</scp> infection and is associated with intestinal <scp>RORC</scp> ⁺ <scp>CD</scp>4⁺ cell levels: a surrogate marker candidate of <scp>HIV</scp>-induced intestinal damage. Journal of the International AIDS Society. 2018, 21, e25144.	1.2	16
22	Hands are vehicles for transmission of <i>Streptococcus pneumoniae</i> in novel controlled human infection study. European Respiratory Journal, 2018, 52, 1800599.	3.1	14
23	Plasmacytoid Dendritic Cell Infection and Sensing Capacity during Pathogenic and Nonpathogenic Simian Immunodeficiency Virus Infection. Journal of Virology, 2015, 89, 6918-6927.	1.5	11
24	Microbiota and compartment matter in the COVID-19 response. Nature Immunology, 2021, 22, 1350-1352.	7.0	11
25	Modulation of Type I Interferon-Associated Viral Sensing during Acute Simian Immunodeficiency Virus Infection in African Green Monkeys. Journal of Virology, 2015, 89, 751-762.	1.5	10
26	Analysis and annotation of DNA methylation in two nonhuman primate species using the Infinium Human Methylation 450K and EPIC BeadChips. Epigenomics, 2021, 13, 169-186.	1.0	9
27	DNA methylation changes in metabolic and immune-regulatory pathways in blood and lymph node CD4 ⁺ T cells in response to SIV infections. Clinical Epigenetics, 2020, 12, 188.	1.8	8
28	Transcriptional Profiling of Experimental CD8 ⁺ Lymphocyte Depletion in Rhesus Macaques Infected with Simian Immunodeficiency Virus SIVmac239. Journal of Virology, 2013, 87, 433-443.	1.5	7
29	Minimally Invasive Nasal Sampling in Children Offers Accurate Pneumococcal Colonization Detection. Pediatric Infectious Disease Journal, 2019, 38, 1147-1149.	1.1	7
30	Symptoms associated with influenza vaccination and experimental human pneumococcal colonisation of the nasopharynx. Vaccine, 2020, 38, 2298-2306.	1.7	7
31	Characterization of T cell responses to co-administered hookworm vaccine candidates Na-GST-1 and Na-APR-1 in healthy adults in Gabon. PLoS Neglected Tropical Diseases, 2021, 15, e0009732.	1.3	6
32	Insights Into the Effects of Mucosal Epithelial and Innate Immune Dysfunction in Older People on Host Interactions With Streptococcus pneumoniae. Frontiers in Cellular and Infection Microbiology, 2021, 11, 651474.	1.8	4
33	Influence of sex, season and environmental air quality on experimental human pneumococcal carriage acquisition: a retrospective cohort analysis. ERJ Open Research, 2022, 8, 00586-2021.	1.1	2
34	Differences in Bacterial Colonization and Mucosal Responses Between High and Low SES Children in Indonesia. Pediatric Infectious Disease Journal, 2022, 41, 496-506.	1.1	1
35	SIV Infection of African Green Monkeys. , 2014, , 1-12.		0