

Gerrit Koopman

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

556
citations

759233

12
h-index

677142

22
g-index

43
all docs

43
docs citations

43
times ranked

1114
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and immunogenicity of a stabilized HIV-1 envelope trimer based on a group-M consensus sequence. <i>Nature Communications</i> , 2019, 10, 2355.	12.8	116
2	Immunogenicity and efficacy of one and two doses of Ad26.COVS.S COVID vaccine in adult and aged NHP. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	55
3	Chronic hepatitis C virus infection established and maintained in chimpanzees independent of dendritic cell impairment. <i>Hepatology</i> , 2003, 38, 851-858.	7.3	53
4	Receptor-gated IL-2 delivery by an anti-human IL-2 antibody activates regulatory T cells in three different species. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	49
5	Vaccine protection from CD4+ T-cell loss caused by simian immunodeficiency virus (SIV) mac251 is afforded by sequential immunization with three unrelated vaccine vectors encoding multiple SIV antigens. <i>Journal of General Virology</i> , 2004, 85, 2915-2924.	2.9	34
6	The Post-Acute Phase of SARS-CoV-2 Infection in Two Macaque Species Is Associated with Signs of Ongoing Virus Replication and Pathology in Pulmonary and Extrapulmonary Tissues. <i>Viruses</i> , 2021, 13, 1673.	3.3	28
7	Correlation between Virus Replication and Antibody Responses in Macaques following Infection with Pandemic Influenza A Virus. <i>Journal of Virology</i> , 2016, 90, 1023-1033.	3.4	24
8	Pandemic Swine-Origin H1N1 Influenza Virus Replicates to Higher Levels and Induces More Fever and Acute Inflammatory Cytokines in Cynomolgus versus Rhesus Monkeys and Can Replicate in Common Marmosets. <i>PLoS ONE</i> , 2015, 10, e0126132.	2.5	22
9	Mini-hemagglutinin vaccination induces cross-reactive antibodies in pre-exposed NHP that protect mice against lethal influenza challenge. <i>Npj Vaccines</i> , 2018, 3, 25.	6.0	19
10	A vaccine strategy utilizing a combination of three different chimeric vectors which share specific vaccine antigens. <i>Journal of Medical Primatology</i> , 2003, 29, 268-273.	0.6	15
11	Immune mechanisms of vaccine induced protection against chronic hepatitis C virus infection in chimpanzees. <i>World Journal of Hepatology</i> , 2015, 7, 53.	2.0	14
12	Needle-free delivery of DNA: Targeting of hemagglutinin to MHC class II molecules protects rhesus macaques against H1N1 influenza. <i>Vaccine</i> , 2019, 37, 817-826.	3.8	13
13	Influenza A Virus Hemagglutinin Trimer, Head and Stem Proteins Identify and Quantify Different Hemagglutinin-Specific B Cell Subsets in Humans. <i>Vaccines</i> , 2021, 9, 717.	4.4	13
14	Poxvirus MVA Expressing SARS-CoV-2 S Protein Induces Robust Immunity and Protects Rhesus Macaques From SARS-CoV-2. <i>Frontiers in Immunology</i> , 2022, 13, 845887.	4.8	13
15	Strong Vaccine-Induced CD8 T-Cell Responses Have Cytolytic Function in a Chimpanzee Clearing HCV Infection. <i>PLoS ONE</i> , 2014, 9, e95103.	2.5	10
16	Synthetic long peptide booster immunization in rhesus macaques primed with replication-competent NYVAC-C-KC induces a balanced CD4/CD8 T-cell and antibody response against the conserved regions of HIV-1. <i>Journal of General Virology</i> , 2015, 96, 1478-1483.	2.9	10
17	Systemic mobilization of antigen presenting cells, with a chimeric Flt-3 and G-CSF receptor agonist, during immunization of with HIV-1 antigens is insufficient to modulate immune responses or vaccine efficacy. <i>Vaccine</i> , 2005, 23, 4195-4202.	3.8	7
18	Acute-phase CD4+ T-cell proliferation and CD152 upregulation predict set-point virus replication in vaccinated simian-human immunodeficiency virus strain 89.6p-infected macaques. <i>Journal of General Virology</i> , 2009, 90, 915-926.	2.9	7

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19	Aerosolized Exposure to H5N1 Influenza Virus Causes Less Severe Disease Than Infection via Combined Intrabronchial, Oral, and Nasal Inoculation in Cynomolgus Macaques. <i>Viruses</i> , 2021, 13, 345.	3.3	7
20	Safety and immunogenicity of four-segmented Rift Valley fever virus in the common marmoset. <i>Npj Vaccines</i> , 2022, 7, 54.	6.0	7
21	Efforts to broaden HIV-specific immunity by boosting with heterologous peptides or envelope protein and the influence of prior exposure to virus. <i>Journal of Medical Primatology</i> , 1999, 28, 224-232.	0.6	6
22	Workshop report: Experimental animal models for universal influenza vaccines. <i>Vaccine</i> , 2018, 36, 6895-6901.	3.8	6
23	Role of microbial translocation in soluble CD14 up-regulation in HIV-, but not in HCV-, infected chimpanzees. <i>Journal of General Virology</i> , 2016, 97, 2599-2607.	2.9	6
24	EDiP: the Epitope Dilution Phenomenon. Lessons learnt from a malaria vaccine antigen and its applicability to polymorphic antigens. <i>Expert Review of Vaccines</i> , 2018, 17, 13-21.	4.4	5
25	Novel application of [18F]DPA714 for visualizing the pulmonary inflammation process of SARS-CoV-2-infection in rhesus monkeys (<i>Macaca mulatta</i>). <i>Nuclear Medicine and Biology</i> , 2022, 112-113, 1-8.	0.6	3
26	Aerosolized pH1N1 influenza infection induces less systemic and local immune activation in the lung than combined intrabronchial, nasal and oral exposure in cynomolgus macaques. <i>Journal of General Virology</i> , 2020, 101, 1229-1241.	2.9	2