

Jonas Klingstrom

List of Publications by Citations

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98
papers

4,258
citations

29
h-index

64
g-index

111
ext. papers

5,798
ext. citations

9.3
avg, IF

5.05
L-index

#	Paper	IF	Citations
98	Robust T Cell Immunity in Convalescent Individuals with Asymptomatic or Mild COVID-19. <i>Cell</i> , 2020 , 183, 158-168.e14	56.2	955
97	Rapid expansion and long-term persistence of elevated NK cell numbers in humans infected with hantavirus. <i>Journal of Experimental Medicine</i> , 2011 , 208, 13-21	16.6	356
96	Processing of genome 5' termini as a strategy of negative-strand RNA viruses to avoid RIG-I-dependent interferon induction. <i>PLoS ONE</i> , 2008 , 3, e2032	3.7	225
95	Nitric oxide inhibits the replication cycle of severe acute respiratory syndrome coronavirus. <i>Journal of Virology</i> , 2005 , 79, 1966-9	6.6	211
94	Natural killer cell immunotypes related to COVID-19 disease severity. <i>Science Immunology</i> , 2020 , 5,	28	183
93	Prolonged survival of Puumala hantavirus outside the host: evidence for indirect transmission via the environment. <i>Journal of General Virology</i> , 2006 , 87, 2127-2134	4.9	181
92	Taxonomy of the order Bunyavirales: update 2019. <i>Archives of Virology</i> , 2019 , 164, 1949-1965	2.6	148
91	Crimean-Congo hemorrhagic fever virus infection is lethal for adult type I interferon receptor-knockout mice. <i>Journal of General Virology</i> , 2010 , 91, 1473-7	4.9	106
90	Puumala hantavirus excretion kinetics in bank voles (<i>Myodes glareolus</i>). <i>Emerging Infectious Diseases</i> , 2008 , 14, 1209-15	10.2	93
89	Robust T cell immunity in convalescent individuals with asymptomatic or mild COVID-19		85
88	Mortality rate patterns for hemorrhagic fever with renal syndrome caused by Puumala virus. <i>Emerging Infectious Diseases</i> , 2010 , 16, 1584-6	10.2	79
87	Taxonomy of the order Bunyavirales: second update 2018. <i>Archives of Virology</i> , 2019 , 164, 927-941	2.6	76
86	MAIT cell activation and dynamics associated with COVID-19 disease severity. <i>Science Immunology</i> , 2020 , 5,	28	74
85	An antibody against a novel and conserved epitope in the hemagglutinin 1 subunit neutralizes numerous H5N1 influenza viruses. <i>Journal of Virology</i> , 2010 , 84, 8275-86	6.6	59
84	Loss of cell membrane integrity in puumala hantavirus-infected patients correlates with levels of epithelial cell apoptosis and perforin. <i>Journal of Virology</i> , 2006 , 80, 8279-82	6.6	56
83	Heterologous ChAdOx1 nCoV-19 and mRNA-1273 Vaccination. <i>New England Journal of Medicine</i> , 2021 , 385, 1049-1051	59.2	56
82	Major alterations in the mononuclear phagocyte landscape associated with COVID-19 severity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	54

81	Alpha/beta interferon (IFN-alpha/beta)-independent induction of IFN-lambda1 (interleukin-29) in response to Hantaan virus infection. <i>Journal of Virology</i> , 2010 , 84, 9140-8	6.6	50
80	Expansion of SARS-CoV-2-Specific Antibody-Secreting Cells and Generation of Neutralizing Antibodies in Hospitalized COVID-19 Patients. <i>Journal of Immunology</i> , 2020 , 205, 2437-2446	5.3	48
79	Hantavirus RNA in saliva from patients with hemorrhagic fever with renal syndrome. <i>Emerging Infectious Diseases</i> , 2008 , 14, 406-11	10.2	45
78	Pathology of Puumala hantavirus infection in macaques. <i>PLoS ONE</i> , 2008 , 3, e3035	3.7	45
77	Hantavirus-infection confers resistance to cytotoxic lymphocyte-mediated apoptosis. <i>PLoS Pathogens</i> , 2013 , 9, e1003272	7.6	44
76	Lambda interferon (IFN-lambda) in serum is decreased in hantavirus-infected patients, and in vitro-established infection is insensitive to treatment with all IFNs and inhibits IFN-gamma-induced nitric oxide production. <i>Journal of Virology</i> , 2007 , 81, 8685-91	6.6	44
75	: Current Classification and Future Perspectives. <i>Viruses</i> , 2019 , 11,	6.2	39
74	Sex-dependent differences in plasma cytokine responses to hantavirus infection. <i>Vaccine Journal</i> , 2008 , 15, 885-7		39
73	Nitric oxide and peroxynitrite have different antiviral effects against hantavirus replication and free mature virions. <i>European Journal of Immunology</i> , 2006 , 36, 2649-57	6.1	37
72	NK cell activation in human hantavirus infection explained by virus-induced IL-15/IL15R α expression. <i>PLoS Pathogens</i> , 2014 , 10, e1004521	7.6	35
71	Increased risk of acute myocardial infarction and stroke during hemorrhagic fever with renal syndrome: a self-controlled case series study. <i>Circulation</i> , 2014 , 129, 1295-302	16.7	32
70	HFRS causing hantaviruses do not induce apoptosis in confluent Vero E6 and A-549 cells. <i>Journal of Medical Virology</i> , 2005 , 76, 234-40	19.7	28
69	Innate and adaptive immune responses against human Puumala virus infection: immunopathogenesis and suggestions for novel treatment strategies for severe hantavirus-associated syndromes. <i>Journal of Internal Medicine</i> , 2019 , 285, 510-523	10.8	27
68	Hantavirus Gn and Gc glycoproteins self-assemble into virus-like particles. <i>Journal of Virology</i> , 2014 , 88, 2344-8	6.6	27
67	NK cells are activated and primed for skin-homing during acute dengue virus infection in humans. <i>Nature Communications</i> , 2019 , 10, 3897	17.4	26
66	Specificity and dynamics of effector and memory CD8 T cell responses in human tick-borne encephalitis virus infection. <i>PLoS Pathogens</i> , 2015 , 11, e1004622	7.6	25
65	Vaccination of C57/BL6 mice with Dobrava hantavirus nucleocapsid protein in Freund's adjuvant induced partial protection against challenge. <i>Vaccine</i> , 2004 , 22, 4029-34	4.1	24
64	Innate lymphoid cell composition associates with COVID-19 disease severity. <i>Clinical and Translational Immunology</i> , 2020 , 9, e1224	6.8	24

63	Antibody responses after a single dose of ChAdOx1 nCoV-19 vaccine in healthcare workers previously infected with SARS-CoV-2. <i>EBioMedicine</i> , 2021 , 70, 103523	8.8	22
62	Passive Immunization Protects Cynomolgus Macaques against Puumala Hantavirus Challenge. <i>Antiviral Therapy</i> , 2008 , 13, 125-134	1.6	22
61	Acute hantavirus infection induces galectin-3-binding protein. <i>Journal of General Virology</i> , 2014 , 95, 2356-2364	4.9	21
60	Characterization of two substrains of Puumala virus that show phenotypes that are different from each other and from the original strain. <i>Journal of Virology</i> , 2011 , 85, 1747-56	6.6	20
59	Serum Markers Associated with Severity and Outcome of Hantavirus Pulmonary Syndrome. <i>Journal of Infectious Diseases</i> , 2019 , 219, 1832-1840	7	19
58	Dobrava, but not Saaremaa, hantavirus is lethal and induces nitric oxide production in suckling mice. <i>Microbes and Infection</i> , 2006 , 8, 728-37	9.3	19
57	Orthohantaviruses belonging to three phylogroups all inhibit apoptosis in infected target cells. <i>Scientific Reports</i> , 2019 , 9, 834	4.9	18
56	Development and evaluation of a broad reacting SYBR-green based quantitative real-time PCR for the detection of different hantaviruses. <i>Journal of Clinical Virology</i> , 2013 , 56, 280-5	14.5	17
55	A model system for in vitro studies of bank vole borne viruses. <i>PLoS ONE</i> , 2011 , 6, e28992	3.7	17
54	Interferons Induce STAT1-Dependent Expression of Tissue Plasminogen Activator, a Pathogenicity Factor in Puumala Hantavirus Disease. <i>Journal of Infectious Diseases</i> , 2016 , 213, 1632-41	7	17
53	Robust humoral and cellular immune responses and low risk for reinfection at least 8 months following asymptomatic to mild COVID-19. <i>Journal of Internal Medicine</i> , 2021 ,	10.8	17
52	SARS-CoV-2-specific humoral and cellular immunity persists through 9 months irrespective of COVID-19 severity at hospitalisation. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1306	6.8	16
51	Human hantavirus infection elicits pronounced redistribution of mononuclear phagocytes in peripheral blood and airways. <i>PLoS Pathogens</i> , 2017 , 13, e1006462	7.6	15
50	Passive immunization protects cynomolgus macaques against Puumala hantavirus challenge. <i>Antiviral Therapy</i> , 2008 , 13, 125-33	1.6	15
49	Hantavirus Inhibits TRAIL-Mediated Killing of Infected Cells by Downregulating Death Receptor 5. <i>Cell Reports</i> , 2019 , 28, 2124-2139.e6	10.6	14
48	Sensitivity of Andes hantavirus to antiviral effect of human saliva. <i>Emerging Infectious Diseases</i> , 2009 , 15, 1140-2	10.2	14
47	Antiviral effect of human saliva against hantavirus. <i>Journal of Medical Virology</i> , 2008 , 80, 2122-6	19.7	14
46	Andes Hantavirus-Infection of a 3D Human Lung Tissue Model Reveals a Late Peak in Progeny Virus Production Followed by Increased Levels of Proinflammatory Cytokines and VEGF-A. <i>PLoS ONE</i> , 2016 , 11, e0149354	3.7	14

45	High-dimensional profiling reveals phenotypic heterogeneity and disease-specific alterations of granulocytes in COVID-19. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	14
44	Risk of Venous Thromboembolism Following Hemorrhagic Fever With Renal Syndrome: A Self-controlled Case Series Study. <i>Clinical Infectious Diseases</i> , 2018 , 66, 268-273	11.6	13
43	Cell-Mediated Immune Responses and Immunopathogenesis of Human Tick-Borne Encephalitis Virus-Infection. <i>Frontiers in Immunology</i> , 2018 , 9, 2174	8.4	13
42	Human herpesvirus 6A partially suppresses functional properties of DC without viral replication. <i>PLoS ONE</i> , 2013 , 8, e58122	3.7	12
41	Hantavirus inhibits apoptosis by preventing mitochondrial membrane potential loss through up-regulation of the pro-survival factor BCL-2. <i>PLoS Pathogens</i> , 2020 , 16, e1008297	7.6	11
40	Evaluation of 11 SARS-CoV-2 antibody tests by using samples from patients with defined IgG antibody titers. <i>Scientific Reports</i> , 2021 , 11, 7614	4.9	11
39	Systematic evaluation of SARS-CoV-2 antigens enables a highly specific and sensitive multiplex serological COVID-19 assay. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1312	6.8	11
38	Molecular Diagnosis of Hemorrhagic Fever with Renal Syndrome Caused by Puumala Virus. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 1335-9	9.7	10
37	Hantavirus protein interactions regulate cellular functions and signaling responses. <i>Expert Review of Anti-Infective Therapy</i> , 2011 , 9, 33-47	5.5	10
36	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021 , 166, 3513-3566	2.6	10
35	Broad anti-SARS-CoV-2 antibody immunity induced by heterologous ChAdOx1/mRNA-1273 vaccination.. <i>Science</i> , 2022 , 375, eabn2688	33.3	10
34	Increased risk for lymphoma following hemorrhagic fever with renal syndrome. <i>Clinical Infectious Diseases</i> , 2014 , 59, 1130-2	11.6	9
33	Puumala virus infections associated with cardiovascular causes of death. <i>Emerging Infectious Diseases</i> , 2013 , 19, 126-8	10.2	9
32	Hantavirus infections in Spain: analysis of sera from the general population and from patients with pneumonia, renal disease and hepatitis. <i>Journal of Clinical Virology</i> , 2003 , 27, 296-307	14.5	9
31	MAIT cell activation and dynamics associated with COVID-19 disease severity and outcome		9
30	SARS-CoV-2 induces a durable and antigen specific humoral immunity after asymptomatic to mild COVID-19 infection		8
29	Elevated levels of serum perforin in chronic HIV-1 and acute SIV/SHIV infection. <i>Aids</i> , 2006 , 20, 125-7	3.5	7
28	Puumala and Andes Orthohantaviruses Cause Transient Protein Kinase R-Dependent Formation of Stress Granules. <i>Journal of Virology</i> , 2020 , 94,	6.6	6

27	An evaluation of a FluoroSpot assay as a diagnostic tool to determine SARS-CoV-2 specific T cell responses. <i>PLoS ONE</i> , 2021 , 16, e0258041	3.7	6
26	Natural killer cell activation related to clinical outcome of COVID-19		5
25	Strengthening the Interaction of the Virology Community with the International Committee on Taxonomy of Viruses (ICTV) by Linking Virus Names and Their Abbreviations to Virus Species. <i>Systematic Biology</i> , 2019 , 68, 828-839	8.4	5
24	Genetic depletion studies inform receptor usage by virulent hantaviruses in human endothelial cells. <i>ELife</i> , 2021 , 10,	8.9	5
23	Shedding of infectious SARS-CoV-2 by hospitalized COVID-19 patients in relation to serum antibody responses. <i>BMC Infectious Diseases</i> , 2021 , 21, 494	4	4
22	SARS-CoV-2 induces a durable and antigen specific humoral immunity after asymptomatic to mild COVID-19 infection.. <i>PLoS ONE</i> , 2022 , 17, e0262169	3.7	3
21	Perturbations in the mononuclear phagocyte landscape associated with COVID-19 disease severity		3
20	Monocyte subset redistribution from blood to kidneys in patients with Puumala virus caused hemorrhagic fever with renal syndrome. <i>PLoS Pathogens</i> , 2021 , 17, e1009400	7.6	3
19	MAIT cell activation is associated with disease severity markers in acute hantavirus infection. <i>Cell Reports Medicine</i> , 2021 , 2, 100220	18	3
18	Sex patterns in diagnoses of tularaemia, Sweden 1997-2008. <i>Journal of Infection</i> , 2010 , 60, 186-7	18.9	2
17	A cell-free high throughput assay for assessment of SARS-CoV-2 neutralizing antibodies. <i>New Biotechnology</i> , 2021 , 66, 46-52	6.4	2
16	SARS-CoV-2 Nsp13 encodes for an HLA-E-stabilizing peptide that abrogates inhibition of NKG2A-expressing NK cells.. <i>Cell Reports</i> , 2022 , 110503	10.6	2
15	Impact of SARS-CoV-2 infection on vaccine-induced immune responses over time.. <i>Clinical and Translational Immunology</i> , 2022 , 11, e1388	6.8	2
14	Meeting report: Eleventh International Conference on Hantaviruses. <i>Antiviral Research</i> , 2020 , 176, 104733	30.8	1
13	COVID-19 specific metabolic imprint yields insights into multi organ-system perturbations. <i>European Journal of Immunology</i> , 2021 ,	6.1	1
12	Impact of SARS-CoV-2 infection on longitudinal vaccine immune responses		1
11	Sex, Gender, and Hemorrhagic Fever Viruses 2015 , 211-230		1
10	Generation of plasma cells and CD27IgD B cells during hantavirus infection is associated with distinct pathological findings. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1313	6.8	1

9	High-dimensional profiling reveals phenotypic heterogeneity and disease-specific alterations of granulocytes in COVID-19		1
8	Duration of SARS-CoV-2 Immune Responses Up to Six Months Following Homologous or Heterologous Primary Immunization with ChAdOx1 nCoV-19 and BNT162b2 mRNA Vaccines.. <i>Vaccines</i> , 2022 , 10,	5.3	1
7	Neutralizing SARS-CoV-2 Antibodies in Commercial Immunoglobulin Products Give Patients with X-Linked Agammaglobulinemia Limited Passive Immunity to the Omicron Variant.. <i>Journal of Clinical Immunology</i> , 2022 , 1	5.7	1
6	Association between haemorrhagic fever with renal syndrome and cancers. <i>International Journal of Infectious Diseases</i> , 2021 , 113, 127-135	10.5	0
5	A flow cytometry-based proliferation assay for clinical evaluation of T-cell memory against SARS-CoV-2. <i>Journal of Immunological Methods</i> , 2021 , 499, 113159	2.5	0
4	Long-term SARS-CoV-2-specific and cross-reactive cellular immune responses correlate with humoral responses, disease severity, and symptomatology.. <i>Immunity, Inflammation and Disease</i> , 2022 , 10, e595	2.4	0
3	Bunyavirus 2012 , 350-360		
2	Bunyavirus: Hemorrhagic Fevers 2012 , 253-289		
1	RT-qPCR assay for detection of mink astrovirus in outbreaks of diarrhea on Danish mink farms. <i>PLoS ONE</i> , 2021 , 16, e0252022	3.7	