

Jonas Klingstrom

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

6,769
citations

117453

34
h-index

74018

75
g-index

111
all docs

111
docs citations

111
times ranked

12107
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust T Cell Immunity in Convalescent Individuals with Asymptomatic or Mild COVID-19. <i>Cell</i> , 2020, 183, 158-168.e14.	13.5	1,561
2	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.	4.2	414
3	Natural killer cell immunotypes related to COVID-19 disease severity. <i>Science Immunology</i> , 2020, 5, .	5.6	344
4	Nitric Oxide Inhibits the Replication Cycle of Severe Acute Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2005, 79, 1966-1969.	1.5	292
5	Taxonomy of the order Bunyvirales: update 2019. <i>Archives of Virology</i> , 2019, 164, 1949-1965.	0.9	285
6	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.	1.1	260
7	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.	1.3	227
8	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyvirales and Mononegavirales. <i>Archives of Virology</i> , 2020, 165, 3023-3072.	0.9	184
9	MAIT cell activation and dynamics associated with COVID-19 disease severity. <i>Science Immunology</i> , 2020, 5, .	5.6	147
10	Heterologous ChAdOx1 nCoV-19 and mRNA-1273 Vaccination. <i>New England Journal of Medicine</i> , 2021, 385, 1049-1051.	13.9	137
11	Crimean-Congo hemorrhagic fever virus infection is lethal for adult type I interferon receptor-knockout mice. <i>Journal of General Virology</i> , 2010, 91, 1473-1477.	1.3	131
12	Taxonomy of the order Bunyvirales: second update 2018. <i>Archives of Virology</i> , 2019, 164, 927-941.	0.9	115
13	Puumala Hantavirus Excretion Kinetics in Bank Voles (<i>Myodes glareolus</i>). <i>Emerging Infectious Diseases</i> , 2008, 14, 1209-1215.	2.0	109
14	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, .	3.3	104
15	Mortality Rate Patterns for Hemorrhagic Fever with Renal Syndrome Caused by Puumala Virus. <i>Emerging Infectious Diseases</i> , 2010, 16, 1584-1586.	2.0	100
16	Hantaviridae: Current Classification and Future Perspectives. <i>Viruses</i> , 2019, 11, 788.	1.5	94
17	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.	0.4	79
18	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, 8275-8286.	1.5	64

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19	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2021, 166, 3513-3566.	0.9	62
20	Loss of Cell Membrane Integrity in Puumala Hantavirus-Infected Patients Correlates with Levels of Epithelial Cell Apoptosis and Perforin. Journal of Virology, 2006, 80, 8279-8282.	1.5	61
21	Broad anti-SARS-CoV-2 antibody immunity induced by heterologous ChAdOx1/mRNA-1273 vaccination. Science, 2022, 375, 1041-1047.	6.0	59
22	Alpha/Beta Interferon (IFN- α / β)-Independent Induction of IFN- γ (Interleukin-29) in Response to Hantaan Virus Infection. Journal of Virology, 2010, 84, 9140-9148.	1.5	57
23	Innate lymphoid cell composition associates with COVID-19 disease severity. Clinical and Translational Immunology, 2020, 9, e1224.	1.7	56
24	Hantavirus-infection Confers Resistance to Cytotoxic Lymphocyte-Mediated Apoptosis. PLoS Pathogens, 2013, 9, e1003272.	2.1	54
25	Nitric oxide and peroxynitrite have different antiviral effects against hantavirus replication and free mature virions. European Journal of Immunology, 2006, 36, 2649-2657.	1.6	53
26	High-dimensional profiling reveals phenotypic heterogeneity and disease-specific alterations of granulocytes in COVID-19. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	52
27	Pathology of Puumala Hantavirus Infection in Macaques. PLoS ONE, 2008, 3, e3035.	1.1	50
28	Hantavirus RNA in Saliva from Patients with Hemorrhagic Fever with Renal Syndrome. Emerging Infectious Diseases, 2008, 14, 406-411.	2.0	49
29	Robust humoral and cellular immune responses and low risk for reinfection at least 8 months following asymptomatic to mild COVID-19. Journal of Internal Medicine, 2022, 291, 72-80.	2.7	47
30	Lambda Interferon (IFN- λ) in Serum Is Decreased in Hantavirus-Infected Patients, and In Vitro-Established Infection Is Insensitive to Treatment with All IFNs and Inhibits IFN- λ -Induced Nitric Oxide Production. Journal of Virology, 2007, 81, 8685-8691.	1.5	46
31	Specificity and Dynamics of Effector and Memory CD8 T Cell Responses in Human Tick-Borne Encephalitis Virus Infection. PLoS Pathogens, 2015, 11, e1004622.	2.1	46
32	NK cells are activated and primed for skin-homing during acute dengue virus infection in humans. Nature Communications, 2019, 10, 3897.	5.8	46
33	NK Cell Activation in Human Hantavirus Infection Explained by Virus-Induced IL-15/IL15R α Expression. PLoS Pathogens, 2014, 10, e1004521.	2.1	43
34	Increased Risk of Acute Myocardial Infarction and Stroke During Hemorrhagic Fever With Renal Syndrome. Circulation, 2014, 129, 1295-1302.	1.6	42
35	Antibody responses after a single dose of ChAdOx1 nCoV-19 vaccine in healthcare workers previously infected with SARS-CoV-2. EBioMedicine, 2021, 70, 103523.	2.7	42
36	Sex-Dependent Differences in Plasma Cytokine Responses to Hantavirus Infection. Vaccine Journal, 2008, 15, 885-887.	3.2	41

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37	Hantavirus Gn and Gc Glycoproteins Self-Assemble into Virus-Like Particles. <i>Journal of Virology</i> , 2014, 88, 2344-2348.	1.5	39
38	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.	1.7	36
39	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.	2.7	35
40	Clinical grade ACE2 as a universal agent to block SARS-CoV-2 variants. <i>EMBO Molecular Medicine</i> , 2022, 14, .	3.3	35
41	Serum Markers Associated with Severity and Outcome of Hantavirus Pulmonary Syndrome. <i>Journal of Infectious Diseases</i> , 2019, 219, 1832-1840.	1.9	34
42	HFRS causing hantaviruses do not induce apoptosis in confluent Vero E6 and A-549 cells. <i>Journal of Medical Virology</i> , 2005, 76, 234-240.	2.5	32
43	SARS-CoV-2 Nsp13 encodes for an HLA-E-stabilizing peptide that abrogates inhibition of NKG2A-expressing NK cells. <i>Cell Reports</i> , 2022, 38, 110503.	2.9	31
44	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.	1.1	29
45	Orthohantaviruses belonging to three phylogroups all inhibit apoptosis in infected target cells. <i>Scientific Reports</i> , 2019, 9, 834.	1.6	28
46	Acute hantavirus infection induces galectin-3-binding protein. <i>Journal of General Virology</i> , 2014, 95, 2356-2364.	1.3	27
47	Cell-Mediated Immune Responses and Immunopathogenesis of Human Tick-Borne Encephalitis Virus-Infection. <i>Frontiers in Immunology</i> , 2018, 9, 2174.	2.2	27
48	Human hantavirus infection elicits pronounced redistribution of mononuclear phagocytes in peripheral blood and airways. <i>PLoS Pathogens</i> , 2017, 13, e1006462.	2.1	27
49	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.	1.6	26
50	Passive Immunization Protects Cynomolgus Macaques against Puumala Hantavirus Challenge. <i>Antiviral Therapy</i> , 2008, 13, 125-134.	0.6	26
51	Vaccination of C57/BL6 mice with Dobrava hantavirus nucleocapsid protein in Freund's adjuvant induced partial protection against challenge. <i>Vaccine</i> , 2004, 22, 4029-4034.	1.7	25
52	Interferons Induce STAT1-Dependent Expression of Tissue Plasminogen Activator, a Pathogenicity Factor in Puumala Hantavirus Disease. <i>Journal of Infectious Diseases</i> , 2016, 213, 1632-1641.	1.9	24
53	Hantavirus Inhibits TRAIL-Mediated Killing of Infected Cells by Downregulating Death Receptor 5. <i>Cell Reports</i> , 2019, 28, 2124-2139.e6.	2.9	24
54	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.	1.7	24

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55	Dobrava, but not Saaremaa, hantavirus is lethal and induces nitric oxide production in suckling mice. <i>Microbes and Infection</i> , 2006, 8, 728-737.	1.0	22
56	Antiviral effect of human saliva against hantavirus. <i>Journal of Medical Virology</i> , 2008, 80, 2122-2126.	2.5	22
57	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, 1747-1756.	1.5	22
58	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, 280-285.	1.6	22
59	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.	2.1	21
60	Sensitivity of Andes Hantavirus to Antiviral Effect of Human Saliva. <i>Emerging Infectious Diseases</i> , 2009, 15, 1140-1142.	2.0	20
61	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.	2.9	20
62	A Model System for In Vitro Studies of Bank Vole Borne Viruses. <i>PLoS ONE</i> , 2011, 6, e28992.	1.1	20
63	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.	1.1	20
64	Impact of SARS-CoV-2 infection on vaccine-induced immune responses over time. <i>Clinical and Translational Immunology</i> , 2022, 11, e1388.	1.7	20
65	Molecular Diagnosis of Hemorrhagic Fever with Renal Syndrome Caused by Puumala Virus. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1335-1339.	1.8	16
66	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.	1.3	16
67	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.	1.6	15
68	Increased Risk for Lymphoma Following Hemorrhagic Fever With Renal Syndrome. <i>Clinical Infectious Diseases</i> , 2014, 59, 1130-1132.	2.9	15
69	MAIT cell activation is associated with disease severity markers in acute hantavirus infection. <i>Cell Reports Medicine</i> , 2021, 2, 100220.	3.3	15
70	Passive immunization protects cynomolgus macaques against Puumala hantavirus challenge. <i>Antiviral Therapy</i> , 2008, 13, 125-33.	0.6	15
71	Hantavirus protein interactions regulate cellular functions and signaling responses. <i>Expert Review of Anti-Infective Therapy</i> , 2011, 9, 33-47.	2.0	13
72	Puumala and Andes Orthohantaviruses Cause Transient Protein Kinase R-Dependent Formation of Stress Granules. <i>Journal of Virology</i> , 2020, 94, .	1.5	13

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73	Genetic depletion studies inform receptor usage by virulent hantaviruses in human endothelial cells. <i>ELife</i> , 2021, 10, .	2.8	13
74	Human Herpesvirus 6A Partially Suppresses Functional Properties of DC without Viral Replication. <i>PLoS ONE</i> , 2013, 8, e58122.	1.1	13
75	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, 42, 1130-1136.	2.0	13
76	Puumala Virus Infections Associated with Cardiovascular Causes of Death. <i>Emerging Infectious Diseases</i> , 2013, 19, 126-128.	2.0	11
77	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.	2.7	11
78	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.	2.1	11
79	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, 359.	2.1	11
80	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.	1.1	10
81	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.	0.6	9
82	Elevated levels of serum perforin in chronic HIV-1 and acute SIV/SHIV infection. <i>Aids</i> , 2006, 20, 125-127.	1.0	8
83	Meeting report: Eleventh International Conference on Hantaviruses. <i>Antiviral Research</i> , 2020, 176, 104733.	1.9	8
84	Generation of plasma cells and CD27 ⁺ IgD ⁺ B cells during hantavirus infection is associated with distinct pathological findings. <i>Clinical and Translational Immunology</i> , 2021, 10, e1313.	1.7	7
85	COVID-19-specific metabolic imprint yields insights into multiorgan system perturbations. <i>European Journal of Immunology</i> , 2022, 52, 503-510.	1.6	7
86	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.	1.3	6
87	A cell-free high throughput assay for assessment of SARS-CoV-2 neutralizing antibodies. <i>New Biotechnology</i> , 2022, 66, 46-52.	2.4	5
88	Association between haemorrhagic fever with renal syndrome and cancers. <i>International Journal of Infectious Diseases</i> , 2021, 113, 127-135.	1.5	4
89	The Karolinska <i>K</i> COVID-19 immune atlas: An open resource for immunological research and educational purposes. <i>Scandinavian Journal of Immunology</i> , 2022, 96, .	1.3	4
90	Sex patterns in diagnoses of tularaemia, Sweden 1997-2008. <i>Journal of Infection</i> , 2010, 60, 186-187.	1.7	3

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91	Sex, Gender, and Hemorrhagic Fever Viruses. , 2015, , 211-230.		3
92	RT-qPCR assay for detection of mink astrovirus in outbreaks of diarrhea on Danish mink farms. PLoS ONE, 2021, 16, e0252022.	1.1	0