Jussi M Hepojoki

List of Publications by Year in Descending Order

75 papers	4,226 citations	26 h-index	64 g-index
96 ext. papers	5,848 ext. citations	7.6 avg, IF	5.34 L-index

#	Paper	IF	Citations
75	Neutralizing Antibody Titers in Hospitalized Patients with Acute Puumala Orthohantavirus Infection Do Not Associate with Disease Severity. *Viruses*, **2022**, 14, 901	6.2	2
74	A subpopulation of arenavirus nucleoprotein localizes to mitochondria. *Scientific Reports*, **2021**, 11, 21048	4.9	
73	Kinetics of Neutralizing Antibodies of COVID-19 Patients Tested Using Clinical D614G, B.1.1.7, and B 1.351 Isolates in Microneutralization Assays. *Viruses*, **2021**, 13,	6.2	6
72	A Generic, Scalable, and Rapid Time-Resolved Förster Resonance Energy Transfer-Based Assay for Antigen Detection-SARS-CoV-2 as a Proof of Concept. *MBio*, **2021**, 12,	7.8	16
71	New-onset type 1 diabetes in Finnish children during the COVID-19 pandemic. *Archives of Disease in Childhood*, **2021**,	2.2	18
70	COVID-19 mRNA vaccine induced antibody responses against three SARS-CoV-2 variants. *Nature Communications*, **2021**, 12, 3991	17.4	110
69	A 10-Minute "Mix and Read" Antibody Assay for SARS-CoV-2. *Viruses*, **2021**, 13,	6.2	3
68	Hantavirus infection-induced B cell activation elevates free light chains levels in circulation. *PLoS Pathogens*, **2021**, 17, e1009843	7.6	2
67	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. *Archives of Virology*, **2021**, 166, 3513-3566	2.6	10
66	A serological assay to detect SARS-CoV-2 seroconversion in humans. *Nature Medicine*, **2020**, 26, 1033-1036	36.5	1111
65	Serpentoviruses: More than Respiratory Pathogens. *Journal of Virology*, **2020**, 94,	6.6	5
64	Snake Deltavirus Utilizes Envelope Proteins of Different Viruses To Generate Infectious Particles. *MBio*, **2020**, 11,	7.8	16
63	Identification of Reptarenaviruses, Hartmaniviruses, and a Novel Chuvirus in Captive Native Brazilian Boa Constrictors with Boid Inclusion Body Disease. *Journal of Virology*, **2020**, 94,	6.6	6
62	Orthohantavirus Isolated in Reservoir Host Cells Displays Minimal Genetic Changes and Retains Wild-Type Infection Properties. *Viruses*, **2020**, 12,	6.2	7
61	Serological and molecular findings during SARS-CoV-2 infection: the first case study in Finland, January to February 2020. *Eurosurveillance*, **2020**, 25,	19.8	171
60	Molecular rationale for antibody-mediated targeting of the hantavirus fusion glycoprotein. *ELife*, **2020**, 9,	8.9	8
59	A serological assay to detect SARS-CoV-2 seroconversion in humans **2020**,		112

58	Systems-Level Immunomonitoring from Acute to Recovery Phase of Severe COVID-19. *Cell Reports Medicine*, **2020**, 1, 100078	18	92
57	Neuropilin-1 facilitates SARS-CoV-2 cell entry and infectivity. *Science*, **2020**, 370, 856-860	33.3	809
56	Urine and Free Immunoglobulin Light Chains as Analytes for Serodiagnosis of Hantavirus Infection. *Viruses*, **2019**, 11,	6.2	5
55	Taxonomy of the order Bunyavirales: update 2019. *Archives of Virology*, **2019**, 164, 1949-1965	2.6	148
54	Identification of a Novel Deltavirus in Boa Constrictors. *MBio*, **2019**, 10,	7.8	37
53	Detection of novel tick-borne pathogen, Alongshan virus, in ticks, south-eastern Finland, 2019. *Eurosurveillance*, **2019**, 24,	19.8	27
52	Immunoassay for serodiagnosis of Zika virus infection based on time-resolved Förster resonance energy transfer. *PLoS ONE*, **2019**, 14, e0219474	3.7	9
51	Antibody response in snakes with boid inclusion body disease. *PLoS ONE*, **2019**, 14, e0221863	3.7	7
50	ICTV Virus Taxonomy Profile: Arenaviridae. *Journal of General Virology*, **2019**, 100, 1200-1201	4.9	31
49	LFRET, a novel rapid assay for anti-tissue transglutaminase antibody detection. *PLoS ONE*, **2019**, 14, e0225851	3.7	7
48	LFRET, a novel rapid assay for anti-tissue transglutaminase antibody detection **2019**, 14, e0225851		
47	LFRET, a novel rapid assay for anti-tissue transglutaminase antibody detection **2019**, 14, e0225851		
46	LFRET, a novel rapid assay for anti-tissue transglutaminase antibody detection **2019**, 14, e0225851		
45	LFRET, a novel rapid assay for anti-tissue transglutaminase antibody detection **2019**, 14, e0225851		
44	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018. *Archives of Virology*, **2018**, 163, 2295-2310	2.6	108
43	Galectin-3-binding protein: A multitask glycoprotein with innate immunity functions in viral and bacterial infections. *Journal of Leukocyte Biology*, **2018**, 104, 777-786	6.5	35
42	Characterization of Haartman Institute snake virus-1 (HISV-1) and HISV-like viruses-The representatives of genus Hartmanivirus, family Arenaviridae. *PLoS Pathogens*, **2018**, 14, e1007415	7.6	15
41	Co-infecting Reptarenaviruses Can Be Vertically Transmitted in Boa Constrictor. *PLoS Pathogens*, **2017**, 13, e1006179	7.6	18

40	Structural Transitions of the Conserved and Metastable Hantaviral Glycoprotein Envelope. *Journal of Virology*, **2017**, 91,	6.6	27
39	Nidovirus-Associated Proliferative Pneumonia in the Green Tree Python (Morelia viridis). *Journal of Virology*, **2017**, 91,	6.6	24
38	Generation of Anti-Boa Immunoglobulin Antibodies for Serodiagnostic Applications, and Their Use to Detect Anti-Reptarenavirus Antibodies in Boa Constrictor. *PLoS ONE*, **2016**, 11, e0158417	3.7	14
37	Vaccinia virus-free rescue of fluorescent replication-defective vesicular stomatitis virus and pseudotyping with Puumala virus glycoproteins for use in neutralization tests. *Journal of General Virology*, **2016**, 97, 1052-1059	4.9	10
36	Mapping of human B-cell epitopes of Sindbis virus. *Journal of General Virology*, **2016**, 97, 2243-2254	4.9	0
35	A Molecular-Level Account of the Antigenic Hantaviral Surface. *Cell Reports*, **2016**, 15, 959-967	10.6	39
34	Interferons Induce STAT1-Dependent Expression of Tissue Plasminogen Activator, a Pathogenicity Factor in Puumala Hantavirus Disease. *Journal of Infectious Diseases*, **2016**, 213, 1632-41	7	17
33	Large-Scale Screening of Preferred Interactions of Human Src Homology-3 (SH3) Domains Using Native Target Proteins as Affinity Ligands. *Molecular and Cellular Proteomics*, **2016**, 15, 3270-3281	7.6	4
32	Rapid homogeneous immunoassay based on time-resolved Förster resonance energy transfer for serodiagnosis of acute hantavirus infection. *Journal of Clinical Microbiology*, **2015**, 53, 636-40	9.7	11
31	Competitive Homogeneous Immunoassay for Rapid Serodiagnosis of Hantavirus Disease. *Journal of Clinical Microbiology*, **2015**, 53, 2292-7	9.7	9
30	Serological survey of Seewis virus antibodies in patients suspected for hantavirus infection in Finland; a cross-reaction between Puumala virus antiserum with Seewis virus N protein?. *Journal of General Virology*, **2015**, 96, 1664-75	4.9	7
29	Replication of boid inclusion body disease-associated arenaviruses is temperature sensitive in both boid and mammalian cells. *Journal of Virology*, **2015**, 89, 1119-28	6.6	32
28	Preferred SH3 domain partners of ADAM metalloproteases include shared and ADAM-specific SH3 interactions. *PLoS ONE*, **2015**, 10, e0121301	3.7	14
27	Arenavirus Coinfections Are Common in Snakes with Boid Inclusion Body Disease. *Journal of Virology*, **2015**, 89, 8657-60	6.6	34
26	Reply to "Updated phylogenetic analysis of arenaviruses detected in boid snakes". *Journal of Virology*, **2014**, 88, 1401	6.6	11
25	Acute hantavirus infection induces galectin-3-binding protein. *Journal of General Virology*, **2014**, 95, 2356-2364	4.9	21
24	Identification of linear human B-cell epitopes of tick-borne encephalitis virus. *Virology Journal*, **2014**, 11, 115	6.1	9
23	A protein L-based immunodiagnostic approach utilizing time-resolved Förster resonance energy transfer. *PLoS ONE*, **2014**, 9, e106432	3.7	10

22	Analysis of potato virus Y coat protein epitopes recognized by three commercial monoclonal antibodies. *PLoS ONE*, **2014**, 9, e115766	3.7	5
21	The fundamental role of endothelial cells in hantavirus pathogenesis. *Frontiers in Microbiology*, **2014**, 5, 727	5.7	55
20	Uncovering the mysteries of hantavirus infections. *Nature Reviews Microbiology*, **2013**, 11, 539-50	22.2	303
19	Cytoplasmic tails of bunyavirus Gn glycoproteins-Could they act as matrix protein surrogates?. *Virology*, **2013**, 437, 73-80	3.6	33
18	Isolation, identification, and characterization of novel arenaviruses, the etiological agents of boid inclusion body disease. *Journal of Virology*, **2013**, 87, 10918-35	6.6	87
17	Time-resolved FRET -based approach for antibody detection - a new serodiagnostic concept. *PLoS ONE*, **2013**, 8, e62739	3.7	18
16	Hantavirus structure--molecular interactions behind the scene. *Journal of General Virology*, **2012**, 93, 1631-1644	4.9	54
15	The cytoplasmic tail of hantavirus Gn glycoprotein interacts with RNA. *Virology*, **2011**, 418, 12-20	3.6	18
14	Inactivation of hantaviruses by N-ethylmaleimide preserves virion integrity. *Journal of General Virology*, **2011**, 92, 1189-1198	4.9	9
13	Interactions and oligomerization of hantavirus glycoproteins. *Journal of Virology*, **2010**, 84, 227-42	6.6	56
12	Cytoplasmic tails of hantavirus glycoproteins interact with the nucleocapsid protein. *Journal of General Virology*, **2010**, 91, 2341-50	4.9	50
11	Electron cryotomography of Tula hantavirus suggests a unique assembly paradigm for enveloped viruses. *Journal of Virology*, **2010**, 84, 4889-97	6.6	102
10	Degradation and aggresome formation of the Gn tail of the apathogenic Tula hantavirus. *Journal of General Virology*, **2009**, 90, 2995-3001	4.9	12
9	Hantaviruses and TNF-alpha act synergistically to induce ERK1/2 inactivation in Vero E6 cells. *Virology Journal*, **2008**, 5, 110	6.1	6
8	Improvement of binding of Puumala virus neutralization site resembling peptide with a second-generation phage library. *Protein Engineering, Design and Selection*, **2003**, 16, 443-50	1.9	5
7	Systems-level immunomonitoring from acute to recovery phase of severe COVID-19		13
6	Neuropilin-1 facilitates SARS-CoV-2 cell entry and provides a possible pathway into the central nervous system		61
5	A generic, scalable, and rapid TR-FRET based assay for SARS-CoV-2 antigen detection		2

4	Identification of a novel deltavirus in Boa constrictor	1
3	Snake deltavirus utilizes envelope proteins of different viruses to generate infectious particles	1
2	COVID-19 mRNA vaccine induced antibody responses and neutralizing antibodies against three SARS-CoV-2 variants	4
1	Reduced neutralization of B.1.351 variant SARS-CoV-2 by convalescent sera of COVID-19 patients	2