

Jussi M Hepojoki

List of Publications by Year in descending order

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74
papers

6,830
citations

186209

28
h-index

91828

69
g-index

96
all docs

96
docs citations

96
times ranked

14522
citing authors

#	ARTICLE	IF	CITATIONS
1	A serological assay to detect SARS-CoV-2 seroconversion in humans. <i>Nature Medicine</i> , 2020, 26, 1033-1036.	15.2	1,678
2	Neuropilin-1 facilitates SARS-CoV-2 cell entry and infectivity. <i>Science</i> , 2020, 370, 856-860.	6.0	1,441
3	Uncovering the mysteries of hantavirus infections. <i>Nature Reviews Microbiology</i> , 2013, 11, 539-550.	13.6	393
4	Taxonomy of the order Bunyvirales: update 2019. <i>Archives of Virology</i> , 2019, 164, 1949-1965.	0.9	285
5	COVID-19 mRNA vaccine induced antibody responses against three SARS-CoV-2 variants. <i>Nature Communications</i> , 2021, 12, 3991.	5.8	241
6	Serological and molecular findings during SARS-CoV-2 infection: the first case study in Finland, January to February 2020. <i>Eurosurveillance</i> , 2020, 25, .	3.9	226
7	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
8	Systems-Level Immunomonitoring from Acute to Recovery Phase of Severe COVID-19. <i>Cell Reports Medicine</i> , 2020, 1, 100078.	3.3	160
9	Taxonomy of the family Arenaviridae and the order Bunyvirales: update 2018. <i>Archives of Virology</i> , 2018, 163, 2295-2310.	0.9	157
10	Electron Cryotomography of Tula Hantavirus Suggests a Unique Assembly Paradigm for Enveloped Viruses. <i>Journal of Virology</i> , 2010, 84, 4889-4897.	1.5	124
11	Isolation, Identification, and Characterization of Novel Arenaviruses, the Etiological Agents of Boid Inclusion Body Disease. <i>Journal of Virology</i> , 2013, 87, 10918-10935.	1.5	116
12	New-onset type 1 diabetes in Finnish children during the COVID-19 pandemic. <i>Archives of Disease in Childhood</i> , 2022, 107, 180-185.	1.0	91
13	Hantavirus structure " molecular interactions behind the scene. <i>Journal of General Virology</i> , 2012, 93, 1631-1644.	1.3	70
14	Interactions and Oligomerization of Hantavirus Glycoproteins. <i>Journal of Virology</i> , 2010, 84, 227-242.	1.5	66
15	The fundamental role of endothelial cells in hantavirus pathogenesis. <i>Frontiers in Microbiology</i> , 2014, 5, 727.	1.5	66
16	Identification of a Novel Deltavirus in Boa Constrictors. <i>MBio</i> , 2019, 10, .	1.8	66
17	ICTV Virus Taxonomy Profile: Arenaviridae. <i>Journal of General Virology</i> , 2019, 100, 1200-1201.	1.3	66
18	Galectin-3-binding protein: A multitask glycoprotein with innate immunity functions in viral and bacterial infections. <i>Journal of Leukocyte Biology</i> , 2018, 104, 777-786.	1.5	62

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19	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2021, 166, 3513-3566.	0.9	62
20	A Molecular-Level Account of the Antigenic Hantaviral Surface. <i>Cell Reports</i> , 2016, 15, 959-967.	2.9	57
21	Cytoplasmic tails of hantavirus glycoproteins interact with the nucleocapsid protein. <i>Journal of General Virology</i> , 2010, 91, 2341-2350.	1.3	56
22	Detection of novel tick-borne pathogen, Alongshan virus, in Ixodes ricinus ticks, south-eastern Finland, 2019. <i>Eurosurveillance</i> , 2019, 24, .	3.9	55
23	Arenavirus Coinfections Are Common in Snakes with Boid Inclusion Body Disease. <i>Journal of Virology</i> , 2015, 89, 8657-8660.	1.5	54
24	Replication of Boid Inclusion Body Disease-Associated Arenaviruses Is Temperature Sensitive in both Boid and Mammalian Cells. <i>Journal of Virology</i> , 2015, 89, 1119-1128.	1.5	44
25	Nidovirus-Associated Proliferative Pneumonia in the Green Tree Python (<i>Morelia viridis</i>). <i>Journal of Virology</i> , 2017, 91, .	1.5	41
26	A Generic, Scalable, and Rapid Time-Resolved Förster Resonance Energy Transfer-Based Assay for Antigen Detection—SARS-CoV-2 as a Proof of Concept. <i>MBio</i> , 2021, 12, .	1.8	40
27	Structural Transitions of the Conserved and Metastable Hantaviral Glycoprotein Envelope. <i>Journal of Virology</i> , 2017, 91, .	1.5	38
28	Co-infecting Reptarenaviruses Can Be Vertically Transmitted in Boa Constrictor. <i>PLoS Pathogens</i> , 2017, 13, e1006179.	2.1	37
29	Cytoplasmic tails of bunyavirus Gn glycoproteins—Could they act as matrix protein surrogates?. <i>Virology</i> , 2013, 437, 73-80.	1.1	36
30	Characterization of Haartman Institute snake virus-1 (HISV-1) and HISV-like viruses—The representatives of genus Hartmanivirus, family Arenaviridae. <i>PLoS Pathogens</i> , 2018, 14, e1007415.	2.1	36
31	Snake Deltavirus Utilizes Envelope Proteins of Different Viruses To Generate Infectious Particles. <i>MBio</i> , 2020, 11, .	1.8	33
32	Acute hantavirus infection induces galectin-3-binding protein. <i>Journal of General Virology</i> , 2014, 95, 2356-2364.	1.3	27
33	The cytoplasmic tail of hantavirus Gn glycoprotein interacts with RNA. <i>Virology</i> , 2011, 418, 12-20.	1.1	24
34	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
35	Generation of Anti-Boa Immunoglobulin Antibodies for Serodiagnostic Applications, and Their Use to Detect Anti-Reptarenavirus Antibodies in Boa Constrictor. <i>PLoS ONE</i> , 2016, 11, e0158417.	1.1	23
36	Time-Resolved FRET -Based Approach for Antibody Detection — A New Serodiagnostic Concept. <i>PLoS ONE</i> , 2013, 8, e62739.	1.1	21

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37	Identification of Reptarenaviruses, Hartmanviruses, and a Novel Chuvirus in Captive Native Brazilian Boa Constrictors with Boid Inclusion Body Disease. <i>Journal of Virology</i> , 2020, 94, .	1.5	21
38	Antibody response in snakes with boid inclusion body disease. <i>PLoS ONE</i> , 2019, 14, e0221863.	1.1	20
39	Molecular rationale for antibody-mediated targeting of the hantavirus fusion glycoprotein. <i>ELife</i> , 2020, 9, .	2.8	19
40	Vaccinia virus-free rescue of fluorescent replication-defective vesicular stomatitis virus and pseudotyping with Puumala virus glycoproteins for use in neutralization tests. <i>Journal of General Virology</i> , 2016, 97, 1052-1059.	1.3	18
41	Preferred SH3 Domain Partners of ADAM Metalloproteases Include Shared and ADAM-Specific SH3 Interactions. <i>PLoS ONE</i> , 2015, 10, e0121301.	1.1	16
42	A 10-Minute "Mix and Read" Antibody Assay for SARS-CoV-2. <i>Viruses</i> , 2021, 13, 143.	1.5	16
43	Degradation and aggresome formation of the Gn tail of the apathogenic Tula hantavirus. <i>Journal of General Virology</i> , 2009, 90, 2995-3001.	1.3	14
44	Reply to "Updated Phylogenetic Analysis of Arenaviruses Detected in Boid Snakes". <i>Journal of Virology</i> , 2014, 88, 1401-1401.	1.5	14
45	Kinetics of Neutralizing Antibodies of COVID-19 Patients Tested Using Clinical D614G, B.1.1.7, and B.1.351 Isolates in Microneutralization Assays. <i>Viruses</i> , 2021, 13, 996.	1.5	14
46	Rapid Homogeneous Immunoassay Based on Time-Resolved Förster Resonance Energy Transfer for Serodiagnosis of Acute Hantavirus Infection. <i>Journal of Clinical Microbiology</i> , 2015, 53, 636-640.	1.8	13
47	A Protein L -Based Immunodiagnostic Approach Utilizing Time-Resolved Förster Resonance Energy Transfer. <i>PLoS ONE</i> , 2014, 9, e106432.	1.1	12
48	Immunoassay for serodiagnosis of Zika virus infection based on time-resolved Förster resonance energy transfer. <i>PLoS ONE</i> , 2019, 14, e0219474.	1.1	12
49	Orthohantavirus Isolated in Reservoir Host Cells Displays Minimal Genetic Changes and Retains Wild-Type Infection Properties. <i>Viruses</i> , 2020, 12, 457.	1.5	12
50	Identification of linear human B-cell epitopes of tick-borne encephalitis virus. <i>Virology Journal</i> , 2014, 11, 115.	1.4	11
51	Competitive Homogeneous Immunoassay for Rapid Serodiagnosis of Hantavirus Disease. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2292-2297.	1.8	11
52	LFRET, a novel rapid assay for anti-tissue transglutaminase antibody detection. <i>PLoS ONE</i> , 2019, 14, e0225851.	1.1	10
53	Serpentoviruses: More than Respiratory Pathogens. <i>Journal of Virology</i> , 2020, 94, .	1.5	10
54	Inactivation of hantaviruses by N-ethylmaleimide preserves virion integrity. <i>Journal of General Virology</i> , 2011, 92, 1189-1198.	1.3	9

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55	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?. <i>Journal of General Virology</i> , 2015, 96, 1664-1675.	1.3	8
56	Large-Scale Screening of Preferred Interactions of Human Src Homology-3 (SH3) Domains Using Native Target Proteins as Affinity Ligands. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 3270-3281.	2.5	8
57	Urine and Free Immunoglobulin Light Chains as Analytes for Serodiagnosis of Hantavirus Infection. <i>Viruses</i> , 2019, 11, 809.	1.5	8
58	Differences in Tissue and Species Tropism of Reptarenavirus Species Studied by Vesicular Stomatitis Virus Pseudotypes. <i>Viruses</i> , 2020, 12, 395.	1.5	8
59	Experimental Reptarenavirus Infection of <i>Boa constrictor</i> and <i>Python regius</i> . <i>Journal of Virology</i> , 2021, 95, .	1.5	8
60	Hantaviruses and TNF-alpha act synergistically to induce ERK1/2 inactivation in Vero E6 cells. <i>Virology Journal</i> , 2008, 5, 110.	1.4	7
61	Analysis of Potato virus Y Coat Protein Epitopes Recognized by Three Commercial Monoclonal Antibodies. <i>PLoS ONE</i> , 2014, 9, e115766.	1.1	7
62	Improvement of binding of Puumala virus neutralization site resembling peptide with a second-generation phage library. <i>Protein Engineering, Design and Selection</i> , 2003, 16, 443-450.	1.0	6
63	Hantavirus infection-induced B cell activation elevates free light chains levels in circulation. <i>PLoS Pathogens</i> , 2021, 17, e1009843.	2.1	6
64	Neutralizing Antibody Titers in Hospitalized Patients with Acute Puumala Orthohantavirus Infection Do Not Associate with Disease Severity. <i>Viruses</i> , 2022, 14, 901.	1.5	4
65	A subpopulation of arenavirus nucleoprotein localizes to mitochondria. <i>Scientific Reports</i> , 2021, 11, 21048.	1.6	3
66	Persistent Reptarenavirus and Hartmanivirus Infection in Cultured Boid Cells. <i>Microbiology Spectrum</i> , 0, , .	1.2	3
67	Mapping of human B-cell epitopes of Sindbis virus. <i>Journal of General Virology</i> , 2016, 97, 2243-2254.	1.3	2
68	Short $\sim 1.2 \text{ \AA}$ — Genome™ Infectious Clone Initiates Kolmiovirid Replication in <i>Boa constrictor</i> Cells. <i>Viruses</i> , 2022, 14, 107.	1.5	2
69	PXII-6 Degradation an aggresome formation of the Gn tail of the apathogenic tula hantavirus. <i>Journal of Clinical Virology</i> , 2009, 46, S55.	1.6	0
70	LFRET, a novel rapid assay for anti-tissue transglutaminase antibody detection. , 2019, 14, e0225851.		0
71	LFRET, a novel rapid assay for anti-tissue transglutaminase antibody detection. , 2019, 14, e0225851.		0
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73	LFRET, a novel rapid assay for anti-tissue transglutaminase antibody detection. , 2019, 14, e0225851.		0
74	Clinical and Serological Findings of COVID-19 Participants in the Region of Makkah, Saudi Arabia. Diagnostics, 2022, 12, 1725.	1.3	0