

Jussi M Hepojoki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/334509/publications.pdf>

Version: 2024-02-01

74
papers

6,830
citations

186254

28
h-index

91872

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.	30.7	1,678
2	Neuropilin-1 facilitates SARS-CoV-2 cell entry and infectivity. <i>Science</i> , 2020, 370, 856-860.	12.6	1,441
3	Uncovering the mysteries of hantavirus infections. <i>Nature Reviews Microbiology</i> , 2013, 11, 539-550.	28.6	393
4	Taxonomy of the order Bunyvirales: update 2019. <i>Archives of Virology</i> , 2019, 164, 1949-1965.	2.1	285
5	COVID-19 mRNA vaccine induced antibody responses against three SARS-CoV-2 variants. <i>Nature Communications</i> , 2021, 12, 3991.	12.8	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, .	7.0	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.	2.1	184
8	Systems-Level Immunomonitoring from Acute to Recovery Phase of Severe COVID-19. <i>Cell Reports Medicine</i> , 2020, 1, 100078.	6.5	160
9	Taxonomy of the family Arenaviridae and the order Bunyvirales: update 2018. <i>Archives of Virology</i> , 2018, 163, 2295-2310.	2.1	157
10	Electron Cryotomography of Tula Hantavirus Suggests a Unique Assembly Paradigm for Enveloped Viruses. <i>Journal of Virology</i> , 2010, 84, 4889-4897.	3.4	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.	3.4	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.	1.9	91
13	Hantavirus structure " molecular interactions behind the scene. <i>Journal of General Virology</i> , 2012, 93, 1631-1644.	2.9	70
14	Interactions and Oligomerization of Hantavirus Glycoproteins. <i>Journal of Virology</i> , 2010, 84, 227-242.	3.4	66
15	The fundamental role of endothelial cells in hantavirus pathogenesis. <i>Frontiers in Microbiology</i> , 2014, 5, 727.	3.5	66
16	Identification of a Novel Deltavirus in Boa Constrictors. <i>MBio</i> , 2019, 10, .	4.1	66
17	ICTV Virus Taxonomy Profile: Arenaviridae. <i>Journal of General Virology</i> , 2019, 100, 1200-1201.	2.9	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.	3.3	62

#	ARTICLE	IF	CITATIONS
19	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2021, 166, 3513-3566.	2.1	62
20	A Molecular-Level Account of the Antigenic Hantaviral Surface. Cell Reports, 2016, 15, 959-967.	6.4	57
21	Cytoplasmic tails of hantavirus glycoproteins interact with the nucleocapsid protein. Journal of General Virology, 2010, 91, 2341-2350.	2.9	56
22	Detection of novel tick-borne pathogen, Alongshan virus, in Ixodes ricinus ticks, south-eastern Finland, 2019. Eurosurveillance, 2019, 24, .	7.0	55
23	Arenavirus Coinfections Are Common in Snakes with Boid Inclusion Body Disease. Journal of Virology, 2015, 89, 8657-8660.	3.4	54
24	Replication of Boid Inclusion Body Disease-Associated Arenaviruses Is Temperature Sensitive in both Boid and Mammalian Cells. Journal of Virology, 2015, 89, 1119-1128.	3.4	44
25	Nidovirus-Associated Proliferative Pneumonia in the Green Tree Python (Morelia viridis). Journal of Virology, 2017, 91, .	3.4	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. MBio, 2021, 12, .	4.1	40
27	Structural Transitions of the Conserved and Metastable Hantaviral Glycoprotein Envelope. Journal of Virology, 2017, 91, .	3.4	38
28	Co-infecting Reptarenaviruses Can Be Vertically Transmitted in Boa Constrictor. PLoS Pathogens, 2017, 13, e1006179.	4.7	37
29	Cytoplasmic tails of bunyavirus Gn glycoproteins—Could they act as matrix protein surrogates?. Virology, 2013, 437, 73-80.	2.4	36
30	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.	4.7	36
31	Snake Deltavirus Utilizes Envelope Proteins of Different Viruses To Generate Infectious Particles. MBio, 2020, 11, .	4.1	33
32	Acute hantavirus infection induces galectin-3-binding protein. Journal of General Virology, 2014, 95, 2356-2364.	2.9	27
33	The cytoplasmic tail of hantavirus Gn glycoprotein interacts with RNA. Virology, 2011, 418, 12-20.	2.4	24
34	Interferons Induce STAT1—Dependent Expression of Tissue Plasminogen Activator, a Pathogenicity Factor in Puumala Hantavirus Disease. Journal of Infectious Diseases, 2016, 213, 1632-1641.	4.0	24
35	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.	2.5	23
36	Time-Resolved FRET -Based Approach for Antibody Detection — A New Serodiagnostic Concept. PLoS ONE, 2013, 8, e62739.	2.5	21

#	ARTICLE	IF	CITATIONS
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, .	3.4	21
38	Antibody response in snakes with boid inclusion body disease. <i>PLoS ONE</i> , 2019, 14, e0221863.	2.5	20
39	Molecular rationale for antibody-mediated targeting of the hantavirus fusion glycoprotein. <i>ELife</i> , 2020, 9, .	6.0	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.	2.9	18
41	Preferred SH3 Domain Partners of ADAM Metalloproteases Include Shared and ADAM-Specific SH3 Interactions. <i>PLoS ONE</i> , 2015, 10, e0121301.	2.5	16
42	A 10-Minute "Mix and Read" Antibody Assay for SARS-CoV-2. <i>Viruses</i> , 2021, 13, 143.	3.3	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.	2.9	14
44	Reply to "Updated Phylogenetic Analysis of Arenaviruses Detected in Boid Snakes". <i>Journal of Virology</i> , 2014, 88, 1401-1401.	3.4	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.	3.3	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.	3.9	13
47	A Protein L-Based Immunodiagnostic Approach Utilizing Time-Resolved Förster Resonance Energy Transfer. <i>PLoS ONE</i> , 2014, 9, e106432.	2.5	12
48	Immunoassay for serodiagnosis of Zika virus infection based on time-resolved Förster resonance energy transfer. <i>PLoS ONE</i> , 2019, 14, e0219474.	2.5	12
49	Orthohantavirus Isolated in Reservoir Host Cells Displays Minimal Genetic Changes and Retains Wild-Type Infection Properties. <i>Viruses</i> , 2020, 12, 457.	3.3	12
50	Identification of linear human B-cell epitopes of tick-borne encephalitis virus. <i>Virology Journal</i> , 2014, 11, 115.	3.4	11
51	Competitive Homogeneous Immunoassay for Rapid Serodiagnosis of Hantavirus Disease. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2292-2297.	3.9	11
52	LFRET, a novel rapid assay for anti-tissue transglutaminase antibody detection. <i>PLoS ONE</i> , 2019, 14, e0225851.	2.5	10
53	Serpentoviruses: More than Respiratory Pathogens. <i>Journal of Virology</i> , 2020, 94, .	3.4	10
54	Inactivation of hantaviruses by N-ethylmaleimide preserves virion integrity. <i>Journal of General Virology</i> , 2011, 92, 1189-1198.	2.9	9

#	ARTICLE	IF	CITATIONS
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.	2.9	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.	3.8	8
57	Urine and Free Immunoglobulin Light Chains as Analytes for Serodiagnosis of Hantavirus Infection. <i>Viruses</i> , 2019, 11, 809.	3.3	8
58	Differences in Tissue and Species Tropism of Reptarenavirus Species Studied by Vesicular Stomatitis Virus Pseudotypes. <i>Viruses</i> , 2020, 12, 395.	3.3	8
59	Experimental Reptarenavirus Infection of <i>Boa constrictor</i> and <i>Python regius</i> . <i>Journal of Virology</i> , 2021, 95, .	3.4	8
60	Hantaviruses and TNF-alpha act synergistically to induce ERK1/2 inactivation in Vero E6 cells. <i>Virology Journal</i> , 2008, 5, 110.	3.4	7
61	Analysis of Potato virus Y Coat Protein Epitopes Recognized by Three Commercial Monoclonal Antibodies. <i>PLoS ONE</i> , 2014, 9, e115766.	2.5	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.	2.1	6
63	Hantavirus infection-induced B cell activation elevates free light chains levels in circulation. <i>PLoS Pathogens</i> , 2021, 17, e1009843.	4.7	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.	3.3	4
65	A subpopulation of arenavirus nucleoprotein localizes to mitochondria. <i>Scientific Reports</i> , 2021, 11, 21048.	3.3	3
66	Persistent Reptarenavirus and Hartmanivirus Infection in Cultured Boid Cells. <i>Microbiology Spectrum</i> , 0, , .	3.0	3
67	Mapping of human B-cell epitopes of Sindbis virus. <i>Journal of General Virology</i> , 2016, 97, 2243-2254.	2.9	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.	3.3	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.	3.1	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
72	LFRET, a novel rapid assay for anti-tissue transglutaminase antibody detection. , 2019, 14, e0225851.		0

#	ARTICLE	IF	CITATIONS
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.	2.6	0