

# Olli Pekka Vapalahti

## List of Publications by Year in descending order

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Version: 2024-02-01

378  
papers

20,809  
citations

17405

63  
h-index

17055

122  
g-index

409  
all docs

409  
docs citations

409  
times ranked

23740  
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	A Global Perspective on Hantavirus Ecology, Epidemiology, and Disease. <i>Clinical Microbiology Reviews</i> , 2010, 23, 412-441.	5.7	812
4	Zika Virus Infection with Prolonged Maternal Viremia and Fetal Brain Abnormalities. <i>New England Journal of Medicine</i> , 2016, 374, 2142-2151.	13.9	754
5	Tick-borne encephalitis. <i>Lancet</i> , The, 2008, 371, 1861-1871.	6.3	619
6	Hantavirus Infections in Europe. <i>Lancet Infectious Diseases</i> , The, 2003, 3, 653-661.	4.6	527
7	Hantaviruses: genome structure, expression and evolution. <i>Journal of General Virology</i> , 1996, 77, 2677-2687.	1.3	371
8	Recent Zika Virus Isolates Induce Premature Differentiation of Neural Progenitors in Human Brain Organoids. <i>Cell Stem Cell</i> , 2017, 20, 397-406.e5.	5.2	267
9	Hantavirus infections in Europe and their impact on public health. <i>Reviews in Medical Virology</i> , 2013, 23, 35-49.	3.9	252
10	Bioportfolio: Lifelong persistence of variant and prototypic erythrovirus DNA genomes in human tissue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7450-7453.	3.3	244
11	COVID-19 mRNA vaccine induced antibody responses against three SARS-CoV-2 variants. <i>Nature Communications</i> , 2021, 12, 3991.	5.8	241
12	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
13	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
14	Performance of six SARS-CoV-2 immunoassays in comparison with microneutralisation. <i>Journal of Clinical Virology</i> , 2020, 129, 104512.	1.6	187
15	Tula virus: a newly detected hantavirus carried by European common voles. <i>Journal of Virology</i> , 1994, 68, 7833-7839.	1.5	185
16	Genetic susceptibility to severe course of nephropathia epidemica caused by Puumala hantavirus. <i>Kidney International</i> , 1996, 49, 217-221.	2.6	162
17	Systems-Level Immunomonitoring from Acute to Recovery Phase of Severe COVID-19. <i>Cell Reports Medicine</i> , 2020, 1, 100078.	3.3	160
18	Human B-cell epitopes of puumala virus nucleocapsid protein, the major antigen in early serological response. <i>Journal of Medical Virology</i> , 1995, 46, 293-303.	2.5	159

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19	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018. Archives of Virology, 2018, 163, 2295-2310.	0.9	157
20	Neuropathologic features of four autopsied COVID-19 patients. Brain Pathology, 2020, 30, 1012-1016.	2.1	152
21	Cloning and sequencing of Puumala virus Sotkamo strain S and M RNA segments: evidence for strain variation in hantaviruses and expression of the nucleocapsid protein. Journal of General Virology, 1992, 73, 829-838.	1.3	140
22	Sindbis virus as a human pathogen-epidemiology, clinical picture and pathogenesis. Reviews in Medical Virology, 2016, 26, 221-241.	3.9	139
23	Puumala hantavirus genome in patients with nephropathia epidemica: correlation of PCR positivity with HLA haplotype and link to viral sequences in local rodents. Journal of Clinical Microbiology, 1997, 35, 1090-1096.	1.8	134
24	Tula and Puumala hantavirus NSs ORFs are functional and the products inhibit activation of the interferon-beta promoter. Journal of Medical Virology, 2007, 79, 1527-1536.	2.5	130
25	Isolation and Characterization of a Hantavirus from <i>Lemmus sibiricus</i> : Evidence for Host Switch during Hantavirus Evolution. Journal of Virology, 1999, 73, 5586-5592.	1.5	128
26	Isolation and characterization of Tula virus, a distinct serotype in the genus Hantavirus, family Bunyaviridae. Journal of General Virology, 1996, 77, 3063-3067.	1.3	125
27	Antigenic properties and diagnostic potential of puumala virus nucleocapsid protein expressed in insect cells. Journal of Clinical Microbiology, 1996, 34, 119-125.	1.8	119
28	Isolation, Identification, and Characterization of Novel Arenaviruses, the Etiological Agents of Boid Inclusion Body Disease. Journal of Virology, 2013, 87, 10918-10935.	1.5	116
29	Isolation and characterization of Dobrava hantavirus carried by the striped field mouse ( <i>Apodemus</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	1.3	115
30	Cyclic hantavirus epidemics in humans – Predicted by rodent host dynamics. Epidemics, 2009, 1, 101-107.	1.5	113
31	Characterization of Puumala Virus Nucleocapsid Protein: Identification of B-Cell Epitopes and Domains Involved in Protective Immunity. Virology, 1996, 216, 397-406.	1.1	112
32	Cowpox with Severe Generalized Eruption, Finland. Emerging Infectious Diseases, 2003, 9, 1458-1461.	2.0	112
33	Clinical and Laboratory Manifestations of Sindbis Virus Infection: Prospective Study, Finland, 2002–2003. Journal of Infectious Diseases, 2005, 191, 1820-1829.	1.9	108
34	ENDEMIC HANTAVIRUS INFECTION IMPAIRS THE WINTER SURVIVAL OF ITS RODENT HOST. Ecology, 2007, 88, 1911-1916.	1.5	108
35	Early diagnosis of dengue in travelers: Comparison of a novel real-time RT-PCR, NS1 antigen detection and serology. Journal of Clinical Virology, 2010, 47, 49-53.	1.6	105
36	Hypophyseal Hemorrhage and Panhypopituitarism during Puumala Virus Infection: Magnetic Resonance Imaging and Detection of Viral Antigen in the Hypophysis. Clinical Infectious Diseases, 2002, 35, 96-101.	2.9	104

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37	Siberian Subtype Tickborne Encephalitis Virus, Finland. <i>Emerging Infectious Diseases</i> , 2006, 12, 1568-1571.	2.0	103
38	Evaluation of commercial and automated SARS-CoV-2 IgG and IgA ELISAs using coronavirus disease (COVID-19) patient samples. <i>Eurosurveillance</i> , 2020, 25, .	3.9	100
39	Complex evolution and epidemiology of Dobrava-Belgrade hantavirus: definition of genotypes and their characteristics. <i>Archives of Virology</i> , 2013, 158, 521-529.	0.9	98
40	Japanese encephalitis virus RNA detected in <i>Culex pipiens</i> mosquitoes in Italy. <i>Eurosurveillance</i> , 2012, 17, .	3.9	98
41	Sequences of wild Puumala virus genes show a correlation of genetic variation with geographic origin of the strains. <i>Journal of General Virology</i> , 1994, 75, 405-409.	1.3	96
42	Epidemiological Study of Nephropathia epidemica in Finland 1989-96. <i>Scandinavian Journal of Infectious Diseases</i> , 1999, 31, 427-435.	1.5	96
43	Human Leukocyte Antigenâ€œB8â€œDR3 Is a More Important Risk Factor for Severe Puumala Hantavirus Infection than the Tumor Necrosis Factorâ€œÎ± (âˆ’308) G/A Polymorphism. <i>Journal of Infectious Diseases</i> , 2002, 186, 843-846.	1.9	95
44	Genomic monitoring of SARS-CoV-2 uncovers an Nsp1 deletion variant that modulates type I interferon response. <i>Cell Host and Microbe</i> , 2021, 29, 489-502.e8.	5.1	95
45	How to diagnose hantavirus infections and detect them in rodents and insectivores. <i>Reviews in Medical Virology</i> , 2008, 18, 277-288.	3.9	93
46	Susceptibility of human cells to Puumala virus infection. <i>Journal of General Virology</i> , 1993, 74, 515-518.	1.3	91
47	Characterization of a Novel Flavivirus from Mosquitoes in Northern Europe That Is Related to Mosquito-Borne Flaviviruses of the Tropics. <i>Journal of Virology</i> , 2009, 83, 9532-9540.	1.5	91
48	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
49	Obatoclox, saliphenylhalamide and gemcitabine inhibit Zika virus infection in vitro and differentially affect cellular signaling, transcription and metabolism. <i>Antiviral Research</i> , 2017, 139, 117-128.	1.9	88
50	Maternal antibodies postpone hantavirus infection and enhance individual breeding success. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2771-2776.	1.2	85
51	Epidemiology of Sindbis virus infections in Finland 1981â€œ96: possible factors explaining a peculiar disease pattern. <i>Epidemiology and Infection</i> , 2002, 129, 335-345.	1.0	84
52	Hantavirus and arenavirus antibody prevalence in rodents and humans in Trentino, Northern Italy. <i>Epidemiology and Infection</i> , 2006, 134, 830-836.	1.0	83
53	Genetic variation in Tula hantaviruses: sequence analysis of the S and M segments of strains from Central Europe. <i>Virus Research</i> , 1995, 39, 237-250.	1.1	82
54	Genetic variation of wild Puumala viruses within the serotype, local rodent populations and individual animal. <i>Virus Research</i> , 1995, 38, 25-41.	1.1	82

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55	Disease burden of Puumala virus infections, 1995–2008. <i>Epidemiology and Infection</i> , 2010, 138, 1484-1492.	1.0	82
56	Association of HLA B27 with Benign Clinical Course of Nephropathia Epidemica Caused by Puumala Hantavirus. <i>Scandinavian Journal of Immunology</i> , 1998, 47, 277-279.	1.3	80
57	Obatoclox, Saliphenylhalamide, and Gemcitabine Inhibit Influenza A Virus Infection. <i>Journal of Biological Chemistry</i> , 2012, 287, 35324-35332.	1.6	80
58	Bombali Virus in <i>Mops condylurus</i> Bat, Kenya. <i>Emerging Infectious Diseases</i> , 2019, 25, 955-957.	2.0	79
59	Tick-borne Encephalitis Virus in Wild Rodents in Winter, Finland, 2008–2009. <i>Emerging Infectious Diseases</i> , 2011, 17, 72-75.	2.0	78
60	Experimental transmission of Zika virus by mosquitoes from central Europe. <i>Eurosurveillance</i> , 2017, 22, .	3.9	77
61	Zika virus infection in a traveller returning from the Maldives, June 2015. <i>Eurosurveillance</i> , 2016, 21, .	3.9	71
62	Sindbis Virus Infection in Resident Birds, Migratory Birds, and Humans, Finland. <i>Emerging Infectious Diseases</i> , 2008, 14, 41-47.	2.0	70
63	Evaluation of serological methods for diagnosis of Puumala hantavirus infection (nephropathia) Tj ETQq1 1 0.784314 rgBT /Overlock 1.8 69		
64	Diagnostic rapid tests for acute hantavirus infections: specific tests for Hantaan, Dobrava and Puumala viruses versus a hantavirus combination test. <i>Journal of Virological Methods</i> , 2003, 108, 117-122.	1.0	68
65	Causative Agent of Pogosta Disease Isolated from Blood and Skin Lesions. <i>Emerging Infectious Diseases</i> , 2004, 10, 889-894.	2.0	67
66	Common Nodes of Virus–Host Interaction Revealed Through an Integrated Network Analysis. <i>Frontiers in Immunology</i> , 2019, 10, 2186.	2.2	67
67	Identification of a Novel Deltavirus in Boa Constrictors. <i>MBio</i> , 2019, 10, .	1.8	66
68	Longitudinal proteomic profiling reveals increased early inflammation and sustained apoptosis proteins in severe COVID-19. <i>Scientific Reports</i> , 2020, 10, 20533.	1.6	66
69	Evaluation of three rapid lateral flow antigen detection tests for the diagnosis of SARS-CoV-2 infection. <i>Journal of Clinical Virology</i> , 2021, 137, 104785.	1.6	66
70	Hantavirus nucleocapsid protein interacts with the Fas-mediated apoptosis enhancer Daxx. <i>Journal of General Virology</i> , 2002, 83, 759-766.	1.3	66
71	Association between the DQA MHC class II gene and Puumala virus infection in <i>Myodes glareolus</i> , the bank vole. <i>Infection, Genetics and Evolution</i> , 2008, 8, 450-458.	1.0	64
72	Novel activities of safe-in-human broad-spectrum antiviral agents. <i>Antiviral Research</i> , 2018, 154, 174-182.	1.9	64

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73	Tula hantavirus triggers pro-apoptotic signals of ER stress in Vero E6 cells. <i>Virology</i> , 2005, 333, 180-189.	1.1	63
74	Tick-borne encephalitis virus in ticks in Finland, Russian Karelia and Buryatia. <i>Journal of General Virology</i> , 2010, 91, 2706-2712.	1.3	60
75	Cross-Protective Capacity of Japanese Encephalitis (JE) Vaccines Against Circulating Heterologous JE Virus Genotypes. <i>Clinical Infectious Diseases</i> , 2013, 56, 267-270.	2.9	60
76	European Subtype Tick-borne Encephalitis Virus in <i>Ixodes persulcatus</i> Ticks. <i>Emerging Infectious Diseases</i> , 2011, 17, 323-325.	2.0	59
77	A rapid fluorescent focus inhibition test for detection of neutralizing antibodies to tick-borne encephalitis virus. <i>Journal of Virological Methods</i> , 1998, 73, 71-75.	1.0	57
78	Evaluation of Puumala virus IgG and IgM enzyme immunoassays based on recombinant baculovirus-expressed nucleocapsid protein for early nephropathia epidemica diagnosis. <i>Clinical and Diagnostic Virology</i> , 1998, 10, 83-90.	1.8	57
79	Siberian subtype tick-borne encephalitis virus in <i>Ixodes ricinus</i> in a newly emerged focus, Finland. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 216-223.	1.1	57
80	Puumala Virus Infections in Finland: Increased Occupational Risk for Farmers. <i>American Journal of Epidemiology</i> , 1999, 149, 1142-1151.	1.6	56
81	Renal function and blood pressure five years after Puumala virus-induced nephropathy. <i>Kidney International</i> , 2000, 58, 1711-1718.	2.6	56
82	Case-control study on Puumala virus infection: smoking is a risk factor. <i>Epidemiology and Infection</i> , 2010, 138, 576-584.	1.0	56
83	Cytoplasmic tails of hantavirus glycoproteins interact with the nucleocapsid protein. <i>Journal of General Virology</i> , 2010, 91, 2341-2350.	1.3	56
84	Novel flaviviruses from mosquitoes: Mosquito-specific evolutionary lineages within the phylogenetic group of mosquito-borne flaviviruses. <i>Virology</i> , 2014, 464-465, 320-329.	1.1	56
85	Real-life clinical sensitivity of SARS-CoV-2 RT-PCR test in symptomatic patients. <i>PLoS ONE</i> , 2021, 16, e0251661.	1.1	56
86	Detection of novel tick-borne pathogen, Alongshan virus, in <i>Ixodes ricinus</i> ticks, south-eastern Finland, 2019. <i>Eurosurveillance</i> , 2019, 24, .	3.9	55
87	APOE Î¼4 associates with increased risk of severe COVID-19, cerebral microhaemorrhages and post-COVID mental fatigue: a Finnish biobank, autopsy and clinical study. <i>Acta Neuropathologica Communications</i> , 2021, 9, 199.	2.4	55
88	Arthritis and arthralgia three years after Sindbis virus infection: Clinical follow-up of a cohort of 49 patients. <i>Scandinavian Journal of Infectious Diseases</i> , 2008, 40, 167-173.	1.5	54
89	Arenavirus Coinfections Are Common in Snakes with Boid Inclusion Body Disease. <i>Journal of Virology</i> , 2015, 89, 8657-8660.	1.5	54
90	Newly recognised hantavirus in Siberian lemmings. <i>Lancet, The</i> , 1996, 347, 1835-1836.	6.3	53

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91	Orthopox Virus Infections in Eurasian Wild Rodents. <i>Vector-Borne and Zoonotic Diseases</i> , 2011, 11, 1133-1140.	0.6	53
92	Comparison of the deduced gene products of the L, M and S genome segments of hantaviruses. <i>Virus Research</i> , 1992, 24, 35-46.	1.1	52
93	Epidemiology and host spectrum of Borna disease virus infections. <i>Journal of General Virology</i> , 2013, 94, 247-262.	1.3	52
94	Dobrava hantavirus in Estonia: does the virus exist throughout Europe?. <i>Lancet, The</i> , 1997, 349, 1369-1370.	6.3	51
95	Hantavirus infections in fluctuating host populations: the role of maternal antibodies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3783-3791.	1.2	51
96	Hantavirus outbreak in Western Europe: reservoir host infection dynamics related to human disease patterns. <i>Epidemiology and Infection</i> , 2011, 139, 381-390.	1.0	51
97	The Three Subtypes of Tick-Borne Encephalitis Virus Induce Encephalitis in a Natural Host, the Bank Vole ( <i>Myodes glareolus</i> ). <i>PLoS ONE</i> , 2013, 8, e81214.	1.1	51
98	Characterization of low-density granulocytes in COVID-19. <i>PLoS Pathogens</i> , 2021, 17, e1009721.	2.1	51
99	Dobrava hantavirus outbreak in Russia. <i>Lancet, The</i> , 1997, 350, 781-782.	6.3	50
100	Effect of interferon- $\alpha$ and cell differentiation on Puumala virus infection in human monocyte/macrophages. <i>Virology</i> , 1995, 206, 8-15.	1.1	49
101	Immune responses to Puumala virus infection and the pathogenesis of nephropathia epidemica. <i>Microbes and Infection</i> , 2004, 6, 238-245.	1.0	49
102	Interaction between molecules of hantavirus nucleocapsid protein. <i>Journal of General Virology</i> , 2001, 82, 1845-1853.	1.3	49
103	Characterization of Tula virus antigenic determinants defined by monoclonal antibodies raised against baculovirus-expressed nucleocapsid protein. <i>Virus Research</i> , 1996, 45, 29-44.	1.1	48
104	Prevalence of tick-borne encephalitis virus in <i>Ixodes ricinus</i> ticks in Finland. <i>Journal of Medical Virology</i> , 2001, 64, 21-28.	2.5	48
105	Transfection-mediated generation of functionally competent Tula hantavirus with recombinant S RNA segment. <i>EMBO Journal</i> , 2002, 21, 1497-1503.	3.5	48
106	Tula hantavirus infection of Vero E6 cells induces apoptosis involving caspase 8 activation. <i>Journal of General Virology</i> , 2004, 85, 3261-3268.	1.3	46
107	Complement activation in Puumala hantavirus infection correlates with disease severity. <i>Annals of Medicine</i> , 2012, 44, 468-475.	1.5	46
108	Human Immune Response, Host Genetics, and Severity of Disease. <i>Current Topics in Microbiology and Immunology</i> , 2001, 256, 153-169.	0.7	46

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109	Human immune response to Puumala virus glycoproteins and nucleocapsid protein expressed in mammalian cells. <i>Journal of Medical Virology</i> , 2001, 65, 605-613.	2.5	45
110	Polymorphism of the cytokine genes in hospitalized patients with Puumala hantavirus infection. <i>Nephrology Dialysis Transplantation</i> , 2001, 16, 1368-1373.	0.4	45
111	Viral zoonoses in Europe. <i>FEMS Microbiology Reviews</i> , 2005, 29, 1051-1077.	3.9	45
112	Serological evidence for Borna disease virus infection in humans, wild rodents and other vertebrates in Finland. <i>Journal of Clinical Virology</i> , 2007, 38, 64-69.	1.6	45
113	Approach to non-invasive sampling in dengue diagnostics: Exploring virus and NS1 antigen detection in saliva and urine of travelers with dengue. <i>Journal of Clinical Virology</i> , 2014, 61, 353-358.	1.6	45
114	Emerging diseases—the monkeypox epidemic in the Democratic Republic of the Congo. <i>Clinical Microbiology and Infection</i> , 2016, 22, 658-659.	2.8	45
115	Rate of evolution and molecular epidemiology of tick-borne encephalitis virus in Europe, including two isolations from the same focus 44 years apart. <i>Journal of General Virology</i> , 2012, 93, 786-796.	1.3	44
116	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
117	Central nervous system-related symptoms and findings are common in acute Puumala hantavirus infection. <i>Annals of Medicine</i> , 2010, 42, 344-351.	1.5	43
118	Immunogenetic Factors Affecting Susceptibility of Humans and Rodents to Hantaviruses and the Clinical Course of Hantaviral Disease in Humans. <i>Viruses</i> , 2014, 6, 2214-2241.	1.5	43
119	Comparative analysis of COVID-19 vaccine responses and third booster dose-induced neutralizing antibodies against Delta and Omicron variants. <i>Nature Communications</i> , 2022, 13, 2476.	5.8	43
120	Molecular epidemiology of Aleutian mink disease virus in Finland. <i>Veterinary Microbiology</i> , 2009, 133, 229-238.	0.8	42
121	Anticancer compound ABT-263 accelerates apoptosis in virus-infected cells and imbalances cytokine production and lowers survival rates of infected mice. <i>Cell Death and Disease</i> , 2013, 4, e742-e742.	2.7	41
122	Molecular detection of <i>Bartonella</i> spp. in deer ked pupae, adult keds and moose blood in Finland. <i>Epidemiology and Infection</i> , 2015, 143, 578-585.	1.0	41
123	Semen inhibits Zika virus infection of cells and tissues from the anogenital region. <i>Nature Communications</i> , 2018, 9, 2207.	5.8	41
124	Puumala virus antibody and immunoglobulin G avidity assays based on a recombinant nucleocapsid antigen. <i>Journal of Clinical Microbiology</i> , 1993, 31, 677-680.	1.8	41
125	A Single Dose of Vero Cell-Derived Japanese Encephalitis (JE) Vaccine (Ixiaro) Effectively Boosts Immunity in Travelers Primed With Mouse Brain-Derived JE Vaccines. <i>Clinical Infectious Diseases</i> , 2012, 55, 825-834.	2.9	40
126	Introduction and Dispersal of Sindbis Virus from Central Africa to Europe. <i>Journal of Virology</i> , 2019, 93, .	1.5	40



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127	Effects of Environmental Factors on Severity and Mortality of COVID-19. <i>Frontiers in Medicine</i> , 2020, 7, 607786.	1.2	40
128	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
129	Antiviral Properties of Chemical Inhibitors of Cellular Anti-Apoptotic Bcl-2 Proteins. <i>Viruses</i> , 2017, 9, 271.	1.5	39
130	Environmental Change and Disease Dynamics: Effects of Intensive Forest Management on Puumala Hantavirus Infection in Boreal Bank Vole Populations. <i>PLoS ONE</i> , 2012, 7, e39452.	1.1	38
131	Acute Human Inkoo and Chatanga Virus Infections, Finland. <i>Emerging Infectious Diseases</i> , 2016, 22, 810-817.	2.0	38
132	Temporal dynamics of Puumala hantavirus infection in cyclic populations of bank voles. <i>Scientific Reports</i> , 2016, 6, 21323.	1.6	38
133	Co-infecting Reptarenaviruses Can Be Vertically Transmitted in Boa Constrictor. <i>PLoS Pathogens</i> , 2017, 13, e1006179.	2.1	37
134	Japanese encephalitis in a Finnish traveler on a two-week holiday in Thailand. <i>Journal of Clinical Virology</i> , 2008, 43, 93-95.	1.6	36
135	Development and Evaluation of an Enzyme-Linked Immunosorbent Assay Based on Recombinant VP2 Capsids for the Detection of Antibodies to Aleutian Mink Disease Virus. <i>Vaccine Journal</i> , 2009, 16, 1360-1365.	3.2	36
136	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
137	Novel insect-specific flavivirus isolated from northern Europe. <i>Virology</i> , 2012, 433, 471-478.	1.1	35
138	Experimental transmission of Zika virus by <i>Aedes japonicus japonicus</i> from southwestern Germany. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-6.	3.0	35
139	Development of a high-throughput colorimetric Zika virus infection assay. <i>Medical Microbiology and Immunology</i> , 2017, 206, 175-185.	2.6	34
140	Synergistic Block of SARS-CoV-2 Infection by Combined Drug Inhibition of the Host Entry Factors PIKfyve Kinase and TMPRSS2 Protease. <i>Journal of Virology</i> , 2021, 95, e0097521.	1.5	34
141	Antidepressant and Antipsychotic Drugs Reduce Viral Infection by SARS-CoV-2 and Fluoxetine Shows Antiviral Activity Against the Novel Variants in vitro. <i>Frontiers in Pharmacology</i> , 2021, 12, 755600.	1.6	34
142	New Immunochromatographic Rapid Test for Diagnosis of Acute Puumala Virus Infection. <i>Journal of Clinical Microbiology</i> , 2001, 39, 2146-2150.	1.8	33
143	Molecular Epidemiology of Outbreak-Associated and Wild-Waterfowl-Derived Newcastle Disease Virus Strains in Finland, Including a Novel Class I Genotype. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3664-3673.	1.8	33
144	Molecular epidemiology of Aleutian mink disease virus (AMDV) in Estonia, and a global phylogeny of AMDV. <i>Virus Research</i> , 2015, 199, 56-61.	1.1	33

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145	Snake Deltavirus Utilizes Envelope Proteins of Different Viruses To Generate Infectious Particles. MBio, 2020, 11, .	1.8	33
146	Co-circulation of three pathogenic hantaviruses: Puumala, Dobrava, and Saaremaa in Hungary. Journal of Medical Virology, 2009, 81, 2045-2052.	2.5	32
147	Pathophysiology of a severe case of Puumala hantavirus infection successfully treated with bradykinin receptor antagonist icatibant. Antiviral Research, 2014, 111, 23-25.	1.9	32
148	Seroprevalence and Risk Factors of Inkoo Virus in Northern Sweden. American Journal of Tropical Medicine and Hygiene, 2016, 94, 1103-1106.	0.6	32
149	Food limitation constrains host immune responses to nematode infections. Biology Letters, 2016, 12, 20160471.	1.0	32
150	First report on tick-borne pathogens and exoskeletal anomalies in <i>Ixodes persulcatus</i> (Acari: Ixodidae) collected in Kokkola coastal region, Finland. International Journal of Acarology, 2007, 33, 253-258.	0.3	31
151	Severe Ocular Cowpox in a Human, Finland. Emerging Infectious Diseases, 2015, 21, 2261-2263.	2.0	31
152	The molecular tweezer CLR01 inhibits Ebola and Zika virus infection. Antiviral Research, 2018, 152, 26-35.	1.9	31
153	Antigenic properties and diagnostic potential of recombinant Dobrava virus nucleocapsid protein. Journal of Medical Virology, 2000, 61, 266-274.	2.5	30
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