

Åke Lundkvist

List of Publications by Year in descending order

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121
papers

4,501
citations

147726

31
h-index

123376

61
g-index

130
all docs

130
docs citations

130
times ranked

5538
citing authors

#	ARTICLE	IF	CITATIONS
1	Hantavirus Infections in Europe. <i>Lancet Infectious Diseases</i> , The, 2003, 3, 653-661.	4.6	527
2	Nitric Oxide Inhibits the Replication Cycle of Severe Acute Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2005, 79, 1966-1969.	1.5	292
3	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
4	infections and their prevention. <i>Microbes and Infection</i> , 2001, 3, 1129-1144.	1.0	180
5	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
6	Long-distance airborne dispersal of SARS-CoV-2 in COVID-19 wards. <i>Scientific Reports</i> , 2020, 10, 19589.	1.6	153
7	Evaluation of a COVID-19 IgM and IgG rapid test; an efficient tool for assessment of past exposure to SARS-CoV-2. <i>Infection Ecology and Epidemiology</i> , 2020, 10, 1754538.	0.5	151
8	Puumala and Dobrava viruses cause hemorrhagic fever with renal syndrome in Bosnia-Herzegovina: Evidence of highly cross-neutralizing antibody responses in early patient sera. <i>Journal of Medical Virology</i> , 1997, 53, 51-59.	2.5	148
9	Mitigation of the replication of SARS-CoV-2 by nitric oxide in vitro. <i>Redox Biology</i> , 2020, 37, 101734.	3.9	135
10	How Did Zika Virus Emerge in the Pacific Islands and Latin America?. <i>MBio</i> , 2016, 7, .	1.8	119
11	Global population divergence and admixture of the brown rat (<i>Rattus norvegicus</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161762.	1.2	119
12	Ultralarge Virtual Screening Identifies SARS-CoV-2 Main Protease Inhibitors with Broad-Spectrum Activity against Coronaviruses. <i>Journal of the American Chemical Society</i> , 2022, 144, 2905-2920.	6.6	118
13	Vaccine failures after active immunisation against tick-borne encephalitis. <i>Vaccine</i> , 2010, 28, 2827-2831.	1.7	117
14	Puumala Hantavirus Excretion Kinetics in Bank Voles (<i>Myodes glareolus</i>). <i>Emerging Infectious Diseases</i> , 2008, 14, 1209-1215.	2.0	109
15	Characterization of tick-borne encephalitis virus from latvia: Evidence for co-circulation of three distinct subtypes. <i>Journal of Medical Virology</i> , 2001, 65, 730-735.	2.5	84
16	Migratory Birds, Ticks, and Crimean-Congo Hemorrhagic Fever Virus. <i>Emerging Infectious Diseases</i> , 2012, 18, 2095-2097.	2.0	83
17	Life-long shedding of Puumala hantavirus in wild bank voles (<i>Myodes glareolus</i>). <i>Journal of General Virology</i> , 2015, 96, 1238-1247.	1.3	77
18	Hepatitis E Virus in Domestic Pigs, Wild Boars, Pig Farm Workers, and Hunters in Estonia. <i>Food and Environmental Virology</i> , 2015, 7, 403-412.	1.5	63

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19	Predicting High Risk for Human Hantavirus Infections, Sweden. <i>Emerging Infectious Diseases</i> , 2009, 15, 104-106.	2.0	60
20	Characterization of tick-borne encephalitis virus from Latvia. <i>Journal of Medical Virology</i> , 2000, 60, 216-222.	2.5	55
21	Nitric oxide and peroxyxynitrite have different antiviral effects against hantavirus replication and free mature virions. <i>European Journal of Immunology</i> , 2006, 36, 2649-2657.	1.6	53
22	Residual antimicrobial agents in food originating from animals. <i>Trends in Food Science and Technology</i> , 2021, 111, 141-150.	7.8	53
23	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
24	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
25	<i>Culex torrentium</i> Mosquito Role as Major Enzootic Vector Defined by Rate of Sindbis Virus Infection, Sweden, 2009. <i>Emerging Infectious Diseases</i> , 2015, 21, 875-878.	2.0	45
26	Alkhurma Hemorrhagic Fever Virus RNA in <i>Hyalomma rufipes</i> Ticks Infesting Migratory Birds, Europe and Asia Minor. <i>Emerging Infectious Diseases</i> , 2018, 24, 879-882.	2.0	41
27	Global patterns of avian influenza A (H7): virus evolution and zoonotic threats. <i>FEMS Microbiology Reviews</i> , 2019, 43, 608-621.	3.9	41
28	Introduction and Dispersal of Sindbis Virus from Central Africa to Europe. <i>Journal of Virology</i> , 2019, 93, .	1.5	40
29	Rat-borne diseases at the horizon. A systematic review on infectious agents carried by rats in Europe 1995–2016. <i>Infection Ecology and Epidemiology</i> , 2019, 9, 1553461.	0.5	36
30	First evidence of Seoul hantavirus in the wild rat population in the Netherlands. <i>Infection Ecology and Epidemiology</i> , 2015, 5, 27215.	0.5	34
31	High seroprevalence of SARS-CoV-2 in elderly care employees in Sweden. <i>Infection Ecology and Epidemiology</i> , 2020, 10, 1789036.	0.5	34
32	Puumala hantavirus and <i>Myodes glareolus</i> in northern Europe: no evidence of co-divergence between genetic lineages of virus and host. <i>Journal of General Virology</i> , 2010, 91, 1262-1274.	1.3	32
33	Avian influenza viruses at the wild–domestic bird interface in Egypt. <i>Infection Ecology and Epidemiology</i> , 2019, 9, 1575687.	0.5	31
34	Antigenic properties and diagnostic potential of recombinant Dobrava virus nucleocapsid protein. <i>Journal of Medical Virology</i> , 2000, 61, 266-274.	2.5	30
35	A neutralizing recombinant human antibody Fab fragment against Puumala hantavirus. , 2000, 60, 446-454.		29
36	Detection and characterization of <i>Brucella</i> spp. in bovine milk in small-scale urban and peri-urban farming in Tajikistan. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005367.	1.3	29

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37	Detection and identification of Rickettsia species in Ixodes tick populations from Estonia. Ticks and Tick-borne Diseases, 2015, 6, 689-694.	1.1	28
38	Urban transmission of mosquito-borne flaviviruses – a review of the risk for humans in Vietnam. Infection Ecology and Epidemiology, 2019, 9, 1660129.	0.5	27
39	Characterization of Hemorrhagic Fever with Renal Syndrome Caused by Hantaviruses, Estonia. Emerging Infectious Diseases, 2007, 13, 1773-1776.	2.0	26
40	Passive Immunization Protects Cynomolgus Macaques against Puumala Hantavirus Challenge. Antiviral Therapy, 2008, 13, 125-134.	0.6	26
41	Interferons Induce STAT1-Dependent Expression of Tissue Plasminogen Activator, a Pathogenicity Factor in Puumala Hantavirus Disease. Journal of Infectious Diseases, 2016, 213, 1632-1641.	1.9	24
42	Distinction between serological responses following tick-borne encephalitis virus (TBEV) infection vs vaccination, Sweden 2017. Eurosurveillance, 2018, 23, .	3.9	24
43	Alternate routes of influenza A virus infection in Mallard (Anas platyrhynchos). Veterinary Research, 2018, 49, 110.	1.1	20
44	Characterization of avian influenza virus attachment patterns to human and pig tissues. Scientific Reports, 2018, 8, 12215.	1.6	20
45	Pronounced difference in Covid-19 antibody prevalence indicates cluster transmission in Stockholm, Sweden. Infection Ecology and Epidemiology, 2020, 10, 1806505.	0.5	20
46	Sindbis virus polyarthritis outbreak signalled by virus prevalence in the mosquito vectors. PLoS Neglected Tropical Diseases, 2019, 13, e0007702.	1.3	19
47	Towards pandemic preparedness beyond COVID-19. Lancet Microbe, The, 2020, 1, e185-e186.	3.4	19
48	Molecular rationale for antibody-mediated targeting of the hantavirus fusion glycoprotein. ELife, 2020, 9, .	2.8	19
49	Quasispecies dynamics and fixation of a synonymous mutation in hantavirus transmission. Journal of General Virology, 2008, 89, 1309-1313.	1.3	18
50	Temporal Variation in Sindbis Virus Antibody Prevalence in Bird Hosts in an Endemic Area in Sweden. PLoS ONE, 2016, 11, e0162005.	1.1	18
51	Molecular detection and characterization of Brucella species in raw informally marketed milk from Uganda. Infection Ecology and Epidemiology, 2016, 6, 32442.	0.5	18
52	Compensating for cross-reactions using avidity and computation in a suspension multiplex immunoassay for serotyping of Zika versus other flavivirus infections. Medical Microbiology and Immunology, 2017, 206, 383-401.	2.6	18
53	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.	1.3	18
54	The first human isolate of puumala virus in Scandinavia as cultured from phytohemagglutinin stimulated leucocytes. , 1997, 53, 150-156.		17

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55	Genetic analyses of Seoul hantavirus genome recovered from rats (<i>Rattus norvegicus</i>) in the Netherlands unveils diverse routes of spread into Europe. <i>Journal of Medical Virology</i> , 2019, 91, 724-730.	2.5	16
56	Worldwide Prevalence of Baseline Resistance-Associated Polymorphisms and Resistance Mutations in HCV against Current Direct-Acting Antivirals. <i>Antiviral Therapy</i> , 2018, 23, 485-493.	0.6	15
57	Sindbis Virus Infection in Non-Blood-Fed Hibernating <i>Culex pipiens</i> Mosquitoes in Sweden. <i>Viruses</i> , 2020, 12, 1441.	1.5	15
58	Antibody Responses to Severe Acute Respiratory Syndrome Coronavirus 2 in the Serum and Cerebrospinal Fluid of Patients With Coronavirus Disease 2019 and Neurological Symptoms. <i>Journal of Infectious Diseases</i> , 2022, 225, 965-970.	1.9	15
59	Defining of MAbs-neutralizing sites on the surface glycoproteins Gn and Gc of a hantavirus using vesicular stomatitis virus pseudotypes and site-directed mutagenesis. <i>Journal of General Virology</i> , 2019, 100, 145-155.	1.3	15
60	Association between guilds of birds in the African-Western Palaearctic region and the tick species <i>Hyalomma rufipes</i> , one of the main vectors of Crimean-Congo hemorrhagic fever virus. <i>One Health</i> , 2021, 13, 100349.	1.5	14
61	Highly Pathogenic <i>Leptospira</i> Found in Urban Brown Rats (<i>Rattus norvegicus</i>) in the Largest Cities of Sweden. <i>Vector-Borne and Zoonotic Diseases</i> , 2015, 15, 779-781.	0.6	13
62	Serology in the Digital Age: Using Long Synthetic Peptides Created from Nucleic Acid Sequences as Antigens in Microarrays. <i>Microarrays (Basel, Switzerland)</i> , 2016, 5, 22.	1.4	13
63	RNAlater [®] is a viable storage option for avian influenza sampling in logistically challenging conditions. <i>Journal of Virological Methods</i> , 2018, 252, 32-36.	1.0	13
64	Antibody responses to tick-borne encephalitis virus non-structural protein 1 and whole virus antigen—a new tool in the assessment of suspected vaccine failure patients. <i>Infection Ecology and Epidemiology</i> , 2019, 9, 1696132.	0.5	13
65	Human Puumala and Dobrava Hantavirus Infections in the Black Sea Region of Turkey: A Cross-Sectional Study. <i>Vector-Borne and Zoonotic Diseases</i> , 2013, 13, 111-118.	0.6	12
66	Attachment Patterns of Human and Avian Influenza Viruses to Trachea and Colon of 26 Bird Species — Support for the Community Concept. <i>Frontiers in Microbiology</i> , 2019, 10, 815.	1.5	12
67	Genomic analyses reveal three independent introductions of the invasive brown rat (<i>Rattus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.2	12
68	Spatio-Temporal Mutational Profile Appearances of Swedish SARS-CoV-2 during the Early Pandemic. <i>Viruses</i> , 2020, 12, 1026.	1.5	12
69	Association of Genetic Polymorphisms in DC-SIGN, Toll-Like Receptor 3, and Tumor Necrosis Factor β Genes and the Lewis-Negative Phenotype With Chikungunya Infection and Disease in Nicaragua. <i>Journal of Infectious Diseases</i> , 2021, 223, 278-286.	1.9	12
70	Targeting the NS2B-NS3 protease of tick-borne encephalitis virus with pan-flaviviral protease inhibitors. <i>Antiviral Research</i> , 2021, 190, 105074.	1.9	12
71	Detection of antibodies against H5 and H7 strains in birds: evaluation of influenza pseudovirus particle neutralization tests. <i>Infection Ecology and Epidemiology</i> , 2014, 4, 23011.	0.5	11
72	Health and zoonotic Infections of snow leopards (<i>Panthera unica</i>) in the South Gobi desert of Mongolia. <i>Infection Ecology and Epidemiology</i> , 2019, 9, 1604063.	0.5	11

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73	COVID-19”a very visible pandemic. <i>Lancet, The</i> , 2020, 396, e15.	6.3	11
74	Diagnostic Potential of a Luminex-Based Coronavirus Disease 2019 Suspension Immunoassay (COVID-19) Tj ETQq0,0 rgBT /Overlock 1	1.5	11
75	Lyssavirus-reactive antibodies in Swedish bats. <i>Infection Ecology and Epidemiology</i> , 2016, 6, 31262.	0.5	10
76	Risk factors of dengue fever in an urban area in Vietnam: a case-control study. <i>BMC Public Health</i> , 2021, 21, 664.	1.2	10
77	SARS-CoV-2 in hospital indoor environments is predominantly non-infectious. <i>Virology Journal</i> , 2021, 18, 109.	1.4	10
78	Puumala and Dobrava viruses cause hemorrhagic fever with renal syndrome in Bosnia”Herzegovina: Evidence of highly cross”neutralizing antibody responses in early patient sera. <i>Journal of Medical Virology</i> , 1997, 53, 51-59.	2.5	10
79	Synthetic peptides deduced from the amino acid sequence of Epstein-Barr virus nuclear antigen 6 (EBNA 6): Antigenic properties, production of monoreactive reagents, and analysis of antibody responses in man. <i>Journal of Medical Virology</i> , 1995, 46, 349-357.	2.5	9
80	On the potential roles of ticks and migrating birds in the ecology of West Nile virus. <i>Infection Ecology and Epidemiology</i> , 2014, 4, 20943.	0.5	9
81	Emerging Viruses in the Republic of Suriname: Retrospective and Prospective Study into Chikungunya Circulation and Suspicion of Human Hantavirus Infections, 2008”2012 and 2014. <i>Vector-Borne and Zoonotic Diseases</i> , 2015, 15, 611-618.	0.6	9
82	Identification of a C2-symmetric diol based human immunodeficiency virus protease inhibitor targeting Zika virus NS2B-NS3 protease. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 5526-5536.	2.0	9
83	Phylogeographic Dynamics of Influenza A(H9N2) Virus Crossing Egypt. <i>Frontiers in Microbiology</i> , 2020, 11, 392.	1.5	9
84	Knowledge and practice on prevention of mosquito-borne diseases in livestock-keeping and non-livestock-keeping communities in Hanoi city, Vietnam: A mixed-method study. <i>PLoS ONE</i> , 2021, 16, e0246032.	1.1	9
85	Risk factors for the delayed viral clearance in COVID”19 patients. <i>Journal of Clinical Hypertension</i> , 2021, 23, 1483-1489.	1.0	9
86	Is heparan sulfate a target for inhibition of RNA virus infection?. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 322, C605-C613.	2.1	9
87	Detection of <i>Leptospira</i> in Urban Swedish Rats: Pest Control Interventions as a Promising Source of Rats Used for Surveillance. <i>Vector-Borne and Zoonotic Diseases</i> , 2019, 19, 414-420.	0.6	8
88	Urban livestock-keeping and dengue in urban and peri-urban Hanoi, Vietnam. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007774.	1.3	8
89	A divergent <i>Anaplasma phagocytophilum</i> variant in an <i>Ixodes</i> tick from a migratory bird; Mediterranean basin. <i>Infection Ecology and Epidemiology</i> , 2020, 10, 1729653.	0.5	8
90	Dogs as Sentinels for Flavivirus Exposure in Urban, Peri-Urban and Rural Hanoi, Vietnam. <i>Viruses</i> , 2021, 13, 507.	1.5	8

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91	Hantavirus in new geographic regions, Sweden. <i>Infection Ecology and Epidemiology</i> , 2016, 6, 31465.	0.5	7
92	Detection of <i>Candidatus Neoehrlichia mikurensis</i> and <i>Ehrlichia muris</i> in Estonian ticks. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 13-17.	1.1	7
93	Livestock Development in Hanoi City, Vietnam”Challenges and Policies. <i>Frontiers in Veterinary Science</i> , 2020, 7, 566.	0.9	7
94	Dynamics of Puumala hantavirus outbreak in Black Sea Region, Turkey. <i>Zoonoses and Public Health</i> , 2019, 66, 783-797.	0.9	6
95	Temporal Dynamics of Influenza A(H5N1) Subtype before and after the Emergence of H5N8. <i>Viruses</i> , 2021, 13, 1565.	1.5	6
96	In vivo mallard experiments indicate that zanamivir has less potential for environmental influenza A virus resistance development than oseltamivir. <i>Journal of General Virology</i> , 2017, 98, 2937-2949.	1.3	6
97	Influenza A/H4N2 mallard infection experiments further indicate zanamivir as less prone to induce environmental resistance development than oseltamivir. <i>Journal of General Virology</i> , 2020, 101, 816-824.	1.3	6
98	Identification of <i>I. ricinus</i> , <i>I. persulcatus</i> and <i>I. trianguliceps</i> species by multiplex PCR. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 235-240.	1.1	5
99	Comparative genome analysis of Alkhumra hemorrhagic fever virus with Kyasanur forest disease and tick-borne encephalitis viruses by the in silico approach. <i>Pathogens and Global Health</i> , 2018, 112, 210-226.	1.0	5
100	Surveillance of mosquito vectors in Southern Sweden for Flaviviruses and Sindbis virus. <i>Infection Ecology and Epidemiology</i> , 2019, 9, 1698903.	0.5	5
101	Molecular Detection of Colistin Resistance <i>mcr-1</i> Gene in Multidrug-Resistant <i>Escherichia coli</i> Isolated from Chicken. <i>Antibiotics</i> , 2022, 11, 97.	1.5	5
102	Co-Occurrence of <i>Francisella</i> , Spotted Fever Group <i>Rickettsia</i> , and <i>Midichloria</i> in Avian-Associated <i>Hyalomma rufipes</i> . <i>Microorganisms</i> , 2022, 10, 1393.	1.6	5
103	Mallard or chicken? Comparing the isolation of avian influenza A viruses in embryonated Mallard and chicken eggs. <i>Infection Ecology and Epidemiology</i> , 2015, 5, 28458.	0.5	4
104	Serologic Investigation of Hantavirus Infection in Patients with Previous Thrombocytopenia, and Elevated Urea and Creatinine Levels in an Epidemic Region of Turkey. <i>Japanese Journal of Infectious Diseases</i> , 2015, 68, 488-493.	0.5	4
105	Evaluation of Production Lots of a Rapid Point-of-Care Lateral Flow Serological Test Intended for Identification of IgM and IgG against the N-Terminal Part of the Spike Protein (S1) of SARS-CoV-2. <i>Viruses</i> , 2021, 13, 1043.	1.5	4
106	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
107	Comment on “A Cluster of Three Cases of Hantavirus Pulmonary Syndrome among Canadian Military Personnel” <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2016, 2016, 1-3.	0.7	3
108	Serogrouping and seroepidemiology of North European hantaviruses using a novel broadly targeted synthetic nucleoprotein antigen array. <i>Infection Ecology and Epidemiology</i> , 2017, 7, 1350086.	0.5	3

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109	Breeding consequences of flavivirus infection in the collared flycatcher. BMC Evolutionary Biology, 2018, 18, 13.	3.2	3
110	Genetic Variations among Different Variants of G1-like Avian Influenza H9N2 Viruses and Their Pathogenicity in Chickens. Viruses, 2022, 14, 1030.	1.5	3
111	Characterization of tick-borne encephalitis virus from Latvia. Journal of Medical Virology, 2000, 60, 216.	2.5	2
112	Zoonotic Flavivirus Exposure in Peri-Urban and Suburban Pig-Keeping in Hanoi, Vietnam, and the Knowledge and Preventive Practices of Pig Farmers. Tropical Medicine and Infectious Disease, 2022, 7, 79.	0.9	2
113	COVID-19 seroprevalence and clinical picture in Swedish pediatric oncology and hematology patients. Pediatric Blood and Cancer, 0, , .	0.8	2
114	Discovery of a Novel Coronavirus in Swedish Bank Voles (Myodes glareolus). Viruses, 2022, 14, 1205.	1.5	2
115	COVID-19”a very visible pandemic. Lancet, The, 2020, 396, e16.	6.3	1
116	Multi-laboratory evaluation of ReaScan TBE IgM rapid test, 2016 to 2017. Eurosurveillance, 2020, 25, .	3.9	1
117	The Distribution and Composition of Vector Abundance in Hanoi City, Vietnam: Association with Livestock Keeping and Flavivirus Detection. Viruses, 2021, 13, 2291.	1.5	1
118	Infectious SARS-CoV-2 is rarely present in the nasopharynx samples collected from Swedish hospitalized critically ill COVID-19 patients. Irish Journal of Medical Science, 2022, , 1.	0.8	1
119	Usage of FTA® Classic Cards for Safe Storage, Shipment, and Detection of Arboviruses. Microorganisms, 2022, 10, 1445.	1.6	1
120	DNA Microarray Technique for Detection and Identification of Viruses Causing Encephalitis and Hemorrhagic Fever. , 0, , 113-123.		0
121	TBE in Sweden. Tick-borne Encephalitis - the Book, 2022, , .	0.0	0