

# Åke Lundkvist

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1729036/publications.pdf>

Version: 2024-02-01

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	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
2	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
3	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
4	Infectious SARS-CoV-2 is rarely present in the nasopharynx samples collected from Swedish hospitalized critically ill COVID-19 patients. <i>Irish Journal of Medical Science</i> , 2022, , 1.	0.8	1
5	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
6	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
7	Genetic Variations among Different Variants of G1-like Avian Influenza H9N2 Viruses and Their Pathogenicity in Chickens. <i>Viruses</i> , 2022, 14, 1030.	1.5	3
8	Zoonotic Flavivirus Exposure in Peri-Urban and Suburban Pig-Keeping in Hanoi, Vietnam, and the Knowledge and Preventive Practices of Pig Farmers. <i>Tropical Medicine and Infectious Disease</i> , 2022, 7, 79.	0.9	2
9	TBE in Sweden. <i>Tick-borne Encephalitis - the Book</i> , 2022, , .	0.0	0
10	Discovery of a Novel Coronavirus in Swedish Bank Voles ( <i>Myodes glareolus</i> ). <i>Viruses</i> , 2022, 14, 1205.	1.5	2
11	Usage of FTA® Classic Cards for Safe Storage, Shipment, and Detection of Arboviruses. <i>Microorganisms</i> , 2022, 10, 1445.	1.6	1
12	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
13	Association of Genetic Polymorphisms in DC-SIGN, Toll-Like Receptor 3, and Tumor Necrosis Factor $\alpha$ 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
14	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
15	Dogs as Sentinels for Flavivirus Exposure in Urban, Peri-Urban and Rural Hanoi, Vietnam. <i>Viruses</i> , 2021, 13, 507.	1.5	8
16	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
17	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
18	Diagnostic Potential of a Luminex-Based Coronavirus Disease 2019 Suspension Immunoassay (COVID-19) Tj ETQq0,0,0 rgBT /Overlock 11	1.5	11

#	ARTICLE	IF	CITATIONS
19	Residual antimicrobial agents in food originating from animals. Trends in Food Science and Technology, 2021, 111, 141-150.	7.8	53
20	Targeting the NS2B-NS3 protease of tick-borne encephalitis virus with pan-flaviviral protease inhibitors. Antiviral Research, 2021, 190, 105074.	1.9	12
21	Risk factors for the delayed viral clearance in COVID-19 patients. Journal of Clinical Hypertension, 2021, 23, 1483-1489.	1.0	9
22	SARS-CoV-2 in hospital indoor environments is predominantly non-infectious. Virology Journal, 2021, 18, 109.	1.4	10
23	Temporal Dynamics of Influenza A(H5N1) Subtype before and after the Emergence of H5N8. Viruses, 2021, 13, 1565.	1.5	6
24	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
25	Association between guilds of birds in the African-Western Palaearctic region and the tick species Hyalomma rufipes, one of the main vectors of Crimean-Congo hemorrhagic fever virus. One Health, 2021, 13, 100349.	1.5	14
26	Genomic analyses reveal three independent introductions of the invasive brown rat (Rattus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	1.2	12
27	Identification of a C2-symmetric diol based human immunodeficiency virus protease inhibitor targeting Zika virus NS2B-NS3 protease. Journal of Biomolecular Structure and Dynamics, 2020, 38, 5526-5536.	2.0	9
28	Spatio-Temporal Mutational Profile Appearances of Swedish SARS-CoV-2 during the Early Pandemic. Viruses, 2020, 12, 1026.	1.5	12
29	Mitigation of the replication of SARS-CoV-2 by nitric oxide in vitro. Redox Biology, 2020, 37, 101734.	3.9	135
30	Towards pandemic preparedness beyond COVID-19. Lancet Microbe, The, 2020, 1, e185-e186.	3.4	19
31	Long-distance airborne dispersal of SARS-CoV-2 in COVID-19 wards. Scientific Reports, 2020, 10, 19589.	1.6	153
32	COVID-19â€”a very visible pandemic. Lancet, The, 2020, 396, e16.	6.3	1
33	High seroprevalence of SARS-CoV-2 in elderly care employees in Sweden. Infection Ecology and Epidemiology, 2020, 10, 1789036.	0.5	34
34	COVID-19â€”a very visible pandemic. Lancet, The, 2020, 396, e15.	6.3	11
35	Livestock Development in Hanoi City, Vietnamâ€”Challenges and Policies. Frontiers in Veterinary Science, 2020, 7, 566.	0.9	7
36	Pronounced difference in Covid-19 antibody prevalence indicates cluster transmission in Stockholm, Sweden. Infection Ecology and Epidemiology, 2020, 10, 1806505.	0.5	20

#	ARTICLE	IF	CITATIONS
37	Sindbis Virus Infection in Non-Blood-Fed Hibernating <i>Culex pipiens</i> Mosquitoes in Sweden. <i>Viruses</i> , 2020, 12, 1441.	1.5	15
38	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
39	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
40	Phylogeographic Dynamics of Influenza A(H9N2) Virus Crossing Egypt. <i>Frontiers in Microbiology</i> , 2020, 11, 392.	1.5	9
41	Molecular rationale for antibody-mediated targeting of the hantavirus fusion glycoprotein. <i>ELife</i> , 2020, 9, .	2.8	19
42	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
43	Multi-laboratory evaluation of ReaScan TBE IgM rapid test, 2016 to 2017. <i>Eurosurveillance</i> , 2020, 25, .	3.9	1
44	Global patterns of avian influenza A (H7): virus evolution and zoonotic threats. <i>FEMS Microbiology Reviews</i> , 2019, 43, 608-621.	3.9	41
45	Dynamics of Puumala hantavirus outbreak in Black Sea Region, Turkey. <i>Zoonoses and Public Health</i> , 2019, 66, 783-797.	0.9	6
46	Sindbis virus polyarthritis outbreak signalled by virus prevalence in the mosquito vectors. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007702.	1.3	19
47	Urban transmission of mosquito-borne flaviviruses – a review of the risk for humans in Vietnam. <i>Infection Ecology and Epidemiology</i> , 2019, 9, 1660129.	0.5	27
48	Introduction and Dispersal of Sindbis Virus from Central Africa to Europe. <i>Journal of Virology</i> , 2019, 93, .	1.5	40
49	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
50	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
51	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
52	Avian influenza viruses at the wild–domestic bird interface in Egypt. <i>Infection Ecology and Epidemiology</i> , 2019, 9, 1575687.	0.5	31
53	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
54	Surveillance of mosquito vectors in Southern Sweden for Flaviviruses and Sindbis virus. <i>Infection Ecology and Epidemiology</i> , 2019, 9, 1698903.	0.5	5

#	ARTICLE	IF	CITATIONS
55	Urban livestock-keeping and dengue in urban and peri-urban Hanoi, Vietnam. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007774.	1.3	8
56	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
57	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
58	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
59	RNAlater Å® 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
60	Alternate routes of influenza A virus infection in Mallard ( <i>Anas platyrhynchos</i> ). <i>Veterinary Research</i> , 2018, 49, 110.	1.1	20
61	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
62	Comparative genome analysis of Alkhurma 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
63	Breeding consequences of flavivirus infection in the collared flycatcher. <i>BMC Evolutionary Biology</i> , 2018, 18, 13.	3.2	3
64	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
65	Characterization of avian influenza virus attachment patterns to human and pig tissues. <i>Scientific Reports</i> , 2018, 8, 12215.	1.6	20
66	Distinction between serological responses following tick-borne encephalitis virus (TBEV) infection vs vaccination, Sweden 2017. <i>Eurosurveillance</i> , 2018, 23, .	3.9	24
67	Compensating for cross-reactions using avidity and computation in a suspension multiplex immunoassay for serotyping of Zika versus other flavivirus infections. <i>Medical Microbiology and Immunology</i> , 2017, 206, 383-401.	2.6	18
68	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
69	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
70	Detection of <i>Candidatus Neorhlichia mikurensis</i> and <i>Ehrlichia muris</i> in Estonian ticks. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 13-17.	1.1	7
71	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
72	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

#	ARTICLE	IF	CITATIONS
73	Lyssavirus-reactive antibodies in Swedish bats. <i>Infection Ecology and Epidemiology</i> , 2016, 6, 31262.	0.5	10
74	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
75	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
76	Temporal Variation in Sindbis Virus Antibody Prevalence in Bird Hosts in an Endemic Area in Sweden. <i>PLoS ONE</i> , 2016, 11, e0162005.	1.1	18
77	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
78	How Did Zika Virus Emerge in the Pacific Islands and Latin America?. <i>MBio</i> , 2016, 7, .	1.8	119
79	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
80	Molecular detection and characterization of <i>Brucella</i> species in raw informally marketed milk from Uganda. <i>Infection Ecology and Epidemiology</i> , 2016, 6, 32442.	0.5	18
81	Hantavirus in new geographic regions, Sweden. <i>Infection Ecology and Epidemiology</i> , 2016, 6, 31465.	0.5	7
82	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
83	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
84	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
85	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
86	Detection and identification of <i>Rickettsia</i> species in Ixodes tick populations from Estonia. <i>Ticks and Tick-borne Diseases</i> , 2015, 6, 689-694.	1.1	28
87	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
88	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
89	<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
90	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

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	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
94	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
95	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
96	Migratory Birds, Ticks, and Crimean-Congo Hemorrhagic Fever Virus. <i>Emerging Infectious Diseases</i> , 2012, 18, 2095-2097.	2.0	83
97	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
98	Vaccine failures after active immunisation against tick-borne encephalitis. <i>Vaccine</i> , 2010, 28, 2827-2831.	1.7	117
99	Predicting High Risk for Human Hantavirus Infections, Sweden. <i>Emerging Infectious Diseases</i> , 2009, 15, 104-106.	2.0	60
100	Quasispecies dynamics and fixation of a synonymous mutation in hantavirus transmission. <i>Journal of General Virology</i> , 2008, 89, 1309-1313.	1.3	18
101	Puumala Hantavirus Excretion Kinetics in Bank Voles ( <i>Myodes glareolus</i> ). <i>Emerging Infectious Diseases</i> , 2008, 14, 1209-1215.	2.0	109
102	Passive Immunization Protects <i>Cynomolgus</i> Macaques against Puumala Hantavirus Challenge. <i>Antiviral Therapy</i> , 2008, 13, 125-134.	0.6	26
103	Characterization of Hemorrhagic Fever with Renal Syndrome Caused by Hantaviruses, Estonia. <i>Emerging Infectious Diseases</i> , 2007, 13, 1773-1776.	2.0	26
104	Nitric oxide and peroxynitrite have different antiviral effects against hantavirus replication and free mature virions. <i>European Journal of Immunology</i> , 2006, 36, 2649-2657.	1.6	53
105	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
106	Nitric Oxide Inhibits the Replication Cycle of Severe Acute Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2005, 79, 1966-1969.	1.5	292
107	Hantavirus Infections in Europe. <i>Lancet Infectious Diseases</i> , The, 2003, 3, 653-661.	4.6	527
108	infections and their prevention. <i>Microbes and Infection</i> , 2001, 3, 1129-1144.	1.0	180

#	ARTICLE	IF	CITATIONS
109	Human immune response to Puumala virus glycoproteins and nucleocapsid protein expressed in mammalian cells. Journal of Medical Virology, 2001, 65, 605-613.	2.5	45
110	Characterization of tick-borne encephalitis virus from latvia: Evidence for co-circulation of three distinct subtypes. Journal of Medical Virology, 2001, 65, 730-735.	2.5	84
111	Characterization of tick-borne encephalitis virus from Latvia. Journal of Medical Virology, 2000, 60, 216-222.	2.5	55
112	A neutralizing recombinant human antibody Fab fragment against Puumala hantavirus. , 2000, 60, 446-454.		29
113	Antigenic properties and diagnostic potential of recombinant Dobrava virus nucleocapsid protein. Journal of Medical Virology, 2000, 61, 266-274.	2.5	30
114	Characterization of tick-borne encephalitis virus from Latvia. Journal of Medical Virology, 2000, 60, 216.	2.5	2
115	Puumala and Dobrava viruses cause hemorrhagic fever with renal syndrome in Bosnia-Herzegovina: Evidence of highly cross-neutralizing antibody responses in early patient sera. Journal of Medical Virology, 1997, 53, 51-59.	2.5	148
116	The first human isolate of puumala virus in Scandinavia as cultured from phytohemagglutinin stimulated leucocytes. , 1997, 53, 150-156.		17
117	Puumala and Dobrava viruses cause hemorrhagic fever with renal syndrome in Bosniaâ€Herzegovina: Evidence of highly crossâ€neutralizing antibody responses in early patient sera. Journal of Medical Virology, 1997, 53, 51-59.	2.5	10
118	Human B-cell epitopes of puumala virus nucleocapsid protein, the major antigen in early serological response. Journal of Medical Virology, 1995, 46, 293-303.	2.5	159
119	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. Journal of Medical Virology, 1995, 46, 349-357.	2.5	9
120	DNA Microarray Technique for Detection and Identification of Viruses Causing Encephalitis and Hemorrhagic Fever. , 0, , 113-123.		0
121	COVIDâ€19 seroprevalence and clinical picture in Swedish pediatric oncology and hematology patients. Pediatric Blood and Cancer, 0, , .	0.8	2