Lennart Svensson

List of Publications by Year
in descending order

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60 papers	3,089 citations	172457 29 h-index	168389 53 g-index
64 all docs	64 docs citations	64 times ranked	3230 citing authors

#	Article	IF	Citations
1	Rotavirus infection. Nature Reviews Disease Primers, 2017, 3, 17083.	30.5	419
2	Both Lewis and Secretor Status Mediate Susceptibility to Rotavirus Infections in a Rotavirus Genotypeâ€“Dependent Manner. Clinical Infectious Diseases, 2014, 59, 1567-1573.	5.8	192
3	Evolution of Human Calicivirus RNA In Vivo:Accumulation of Mutations in the Protruding P2 Domain of the CapsidLeads to Structural Changes and Possibly a NewPhenotype. Journal of Virology, 2003, 77, 13117-13124.	3.4	185
4	Long-distance airborne dispersal of SARS-CoV-2 in COVID-19 wards. Scientific Reports, 2020, 10, 19589.	3.3	153
5	Predominance of Norovirus and Sapovirus in Nicaragua after Implementation of Universal Rotavirus Vaccination. PLoS ONE, 2014, 9, e98201.	2.5	142
6	The G428A Nonsense Mutation in FUT2 Provides Strong but Not Absolute Protection against Symptomatic GII.4 Norovirus Infection. PLoS ONE, 2009, 4, e5593.	2.5	125
7	Genetic Susceptibility to Human Norovirus Infection: An Update. Viruses, 2019, 11, 226.	3.3	118
8	Antibody Prevalence and Titer to Norovirus (Genogroup II) Correlate with Secretor(FUT2)but Not with ABO Phenotype or Lewis(FUT3)Genotype. Journal of Infectious Diseases, 2006, 194, 1422-1427.	4.0	108
9	Host Genetic Factors Affect Susceptibility to Norovirus Infections in Burkina Faso. PLoS ONE, 2013, 8, e69557.	2.5	98
10	Norovirus Gastroenteritis Outbreak with a Secretor-independent Susceptibility Pattern, Sweden. Emerging Infectious Diseases, 2010, 16, 81-87.	4.3	91
11	Molecular epidemiology of rotavirus infections in Uppsala, Sweden, 1981: Disappearance of a predominant electropherotype. Journal of Medical Virology, 1986, 18, 101-111.	5.0	84
12	Viral diarrhea in children in Beijing, China. Journal of Medical Virology, 1999, 57, 390-396.	5.0	83
13	Studies on phospholipids with particular reference to cardiolipin of rat heart after feeding rapeseed oil. Lipids, 1974, 9, 771-780.	1.7	70
14	The effect of dietary partially hydrogenated marine oils on desaturation of fatty acids in rat liver microsomes. Lipids, 1983, 18, 171-178.	1.7	70
15	Polymorphisms in Chemokine Receptor 5 and Toll-Like Receptor 3 Genes Are Risk Factors for Clinical Tick-Borne Encephalitis in the Lithuanian Population. PLoS ONE, 2014, 9, e106798.	2.5	66
16	High performance liquid chromatography and glass capillary gas chromatography of geometric and positional isomers of long chain monounsaturated fatty acids. Lipids, 1982, 17, 50-59.	1.7	63
17	Reovirus Type 1 Associated with Meningitis. Scandinavian Journal of Infectious Diseases, 1996, 28, 117-120.	1.5	61
18	The Lewis A phenotype is a restriction factor for Rotateq and Rotarix vaccine-take in Nicaraguan children. Scientific Reports, 2018, 8, 1502.	3.3	55

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19	Novel Light-Upon-Extension Real-Time PCR Assays for Detection and Quantification of Genogroup I and II Noroviruses in Clinical Specimens. Journal of Clinical Microbiology, 2008, 46, 164-170.	3.9	53
20	Innate Resistance and Susceptibility to Norovirus Infection. PLoS Pathogens, 2016, 12, e1005385.	4.7	53
21	Ionizing air affects influenza virus infectivity and prevents airborne-transmission. Scientific Reports, 2015, 5, 11431.	3.3	52
22	The effects of partially hydrogenated marine oils on the mitochondrial function and membrane phospholipid fatty acids in rat heart. Lipids, 1983, 18, 151-170.	1.7	49
23	Histo-blood group antigen-binding specificities of human rotaviruses are associated with gastroenteritis but not with in vitro infection. Scientific Reports, 2018, 8, 12961.	3.3	48
24	SARS-CoV-2 rapid antigen test: High sensitivity to detect infectious virus. Journal of Clinical Virology, 2021, 140, 104846.	3.1	46
25	Rotavirus and Serotonin Cross-Talk in Diarrhoea. PLoS ONE, 2016, 11, e0159660.	2.5	44
26	Norovirus GII.4 Detection in Environmental Samples from Patient Rooms during Nosocomial Outbreaks. Journal of Clinical Microbiology, 2014, 52, 2352-2358.	3.9	41
27	The Impact of Human Genetic Polymorphisms on Rotavirus Susceptibility, Epidemiology, and Vaccine Take. Viruses, 2020, 12, 324.	3.3	40
28	Influence of dietary partially hydrogenated vegetable and marine oils on membrane composition and function of liver microsomes and platelets in the rat. Lipids, 1985, 20, 283-295.	1.7	38
29	Carbohydrates Facilitate Correct Disulfide Bond Formation and Folding of Rotavirus VP7. Journal of Virology, 1998, 72, 3887-3892.	3.4	37
30	Antibody prevalence and immunoglobulin IgG subclass pattern to norwalk virus in Sweden. Journal of Medical Virology, 1995, 47, 52-57.	5.0	32
31	Neurotrophic Factors Protect the Intestinal Barrier from Rotavirus Insult in Mice. MBio, 2020, 11, .	4.1	28
32	Quasispecies dynamics and molecular evolution of human norovirus capsid P region during chronic infection. Journal of General Virology, 2009, 90, 432-441.	2.9	26
33	Pediatric norovirus GII.4 infections in Nicaragua, 1999â€“2015. Infection, Genetics and Evolution, 2017, 55, 305-312.	2.3	26
34	Antibody prevalence and specificity to group C rotavirus in Swedish sera. Journal of Medical Virology, 2000, 60, 210-215.	5.0	24
35	Secretor Status is Associated with Susceptibility to Disease in a Large GII.6 Norovirus Foodborne Outbreak. Food and Environmental Virology, 2020, 12, 28-34.	3.4	19
36	Interaction of Human Enterochromaffin Cells with Human Enteric Adenovirus 41 Leads to Serotonin Release and Subsequent Activation of Enteric Glia Cells. Journal of Virology, 2018, 92, .	3.4	18

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37	Histo-blood group antigens and rotavirus vaccine shedding in Nicaraguan infants. Scientific Reports, 2019, 9, 10764.	3.3	18
38	Secretor Status Strongly Influences the Incidence of Symptomatic Norovirus Infection in a Genotype-Dependent Manner in a Nicaraguan Birth Cohort. Journal of Infectious Diseases, 2022, 225, 105-115.	4.0	18
39	Rotavirus and norovirus in children with severe diarrhea in Burkina Faso before rotavirus vaccine introduction. Journal of Medical Virology, 2018, 90, 1453-1460.	5.0	17
40	The 5-HT ₃ Receptor Affects Rotavirus-Induced Motility. Journal of Virology, 2021, 95, e0075121.	3.4	16
41	Free thiol groups are essential for infectivity of human cytomegalovirus. Journal of General Virology, 1999, 80, 2861-2865.	2.9	15
42	Ondansetron treatment reduces rotavirus symptomsâ€"A randomized double-blinded placebo-controlled trial. PLoS ONE, 2017, 12, e0186824.	2.5	15
43	Understanding the Central Nervous System Symptoms of Rotavirus: A Qualitative Review. Viruses, 2021, 13, 658.	3.3	13
44	Association of Genetic Polymorphisms in DC-SIGN, Toll-Like Receptor 3, and Tumor Necrosis Factor Î± Genes and the Lewis-Negative Phenotype With Chikungunya Infection and Disease in Nicaragua. Journal of Infectious Diseases, 2021, 223, 278-286.	4.0	12
45	A cytoplasmic region of the NSP4 enterotoxin of rotavirus is involved in retention in the endoplasmic reticulum. Journal of General Virology, 2003, 84, 875-883.	2.9	11
46	Rotavirus A shedding and HBGA host genetic susceptibility in a birth community-cohort, Rio de Janeiro, Brazil, 2014â€"2018. Scientific Reports, 2020, 10, 6965.	3.3	10
47	SARS-CoV-2 in hospital indoor environments is predominantly non-infectious. Virology Journal, 2021, 18, 109.	3.4	10
48	Observations on Lipid Composition with Particular Reference to Cardiolipin of Rat Heart after Feeding Rapeseed Oil*. Acta Medica Scandinavica, 1975, 198, 51-73.	0.0	9
49	Epidemiology of enteric virus infections in children living in the Amazon region. International Journal of Infectious Diseases, 2021, 108, 494-502.	3.3	9
50	Human Sera Collected between 1979 and 2010 Possess Blocking-Antibody Titers to Pandemic GII.4 Noroviruses Isolated over Three Decades. Journal of Virology, 2017, 91, .	3.4	8
51	Human IgM monoclonal antibodies block HIV-transmission to immune cells in cervico-vaginal tissues and across polarized epithelial cells in vitro. Scientific Reports, 2018, 8, 10180.	3.3	8
52	Mass fragmentographic determination of docosenoic acid in rapeseed oils. Lipids, 1978, 13, 283-288.	1.7	7
53	Norovirus infection and HBGA host genetic susceptibility in a birth community-cohort, Rio de Janeiro, Brazil. Infection, Genetics and Evolution, 2020, 82, 104280.	2.3	7
54	Evaluation of SARS-CoV-2 rapid antigen diagnostic tests for saliva samples. Heliyon, 2022, 8, e08998.	3.2	7

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55	Molecular epidemiology and host genetics of norovirus and rotavirus infections in Portuguese elderly living in aged care homes. Journal of Medical Virology, 2019, 91, 1014-1021.	5.0	6
56	Zika RNA and Flavivirus-Like Antigens in the Sperm Cells of Symptomatic and Asymptomatic Subjects. Viruses, 2021, 13, 152.	3.3	5
57	Detection of rotavirusâ€•and norovirusâ€specific IgG memory B cells in tonsils. Journal of Medical Virology, 2019, 91, 326-329.	5.0	3
58	Molecular Epidemiology of Sapovirus in Children Living in the Northwest Amazon Region. Pathogens, 2021, 10, 965.	2.8	3
59	Human Genetic Factors Involved in Viral Pathogenesis. , 0, , 177-193.		1
60	The Importance of Secretor-Status in Norovirus Infection Following Allogeneic Hematopoietic Stem Cell Transplantation. Viruses, 2022, 14, 1350.	3.3	1