

Teemu P Smura

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83
papers

3,173
citations

23
h-index

55
g-index

99
ext. papers

4,252
ext. citations

9.1
avg, IF

4.94
L-index

#	Paper	IF	Citations
83	Neuropilin-1 facilitates SARS-CoV-2 cell entry and infectivity. <i>Science</i> , 2020 , 370, 856-860	33.3	809
82	Zika Virus Infection with Prolonged Maternal Viremia and Fetal Brain Abnormalities. <i>New England Journal of Medicine</i> , 2016 , 374, 2142-51	59.2	627
81	Recent Zika Virus Isolates Induce Premature Differentiation of Neural Progenitors in Human Brain Organoids. <i>Cell Stem Cell</i> , 2017 , 20, 397-406.e5	18	186
80	Serological and molecular findings during SARS-CoV-2 infection: the first case study in Finland, January to February 2020. <i>Eurosurveillance</i> , 2020 , 25,	19.8	171
79	COVID-19 mRNA vaccine induced antibody responses against three SARS-CoV-2 variants. <i>Nature Communications</i> , 2021 , 12, 3991	17.4	110
78	Sindbis virus as a human pathogen-epidemiology, clinical picture and pathogenesis. <i>Reviews in Medical Virology</i> , 2016 , 26, 221-41	11.7	96
77	Cellular tropism of human enterovirus D species serotypes EV-94, EV-70, and EV-68 in vitro: implications for pathogenesis. <i>Journal of Medical Virology</i> , 2010 , 82, 1940-9	19.7	65
76	Neuropilin-1 facilitates SARS-CoV-2 cell entry and provides a possible pathway into the central nervous system		61
75	Zika virus infection in a traveller returning from the Maldives, June 2015. <i>Eurosurveillance</i> , 2016 , 21,	19.8	59
74	Enterovirus surveillance reveals proposed new serotypes and provides new insight into enterovirus 5' untranslated region evolution. <i>Journal of General Virology</i> , 2007 , 88, 2520-2526	4.9	58
73	Enterovirus 94, a proposed new serotype in human enterovirus species D. <i>Journal of General Virology</i> , 2007 , 88, 849-858	4.9	54
72	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	23.4	47
71	Tracking the international spread of SARS-CoV-2 lineages B.1.1.7 and B.1.351/501Y-V2. <i>Wellcome Open Research</i> , 2021 , 6, 121	4.8	46
70	Bombali Virus in Mops condylurus Bat, Kenya. <i>Emerging Infectious Diseases</i> , 2019 , 25, 955-957	10.2	45
69	Enterovirus-induced gene expression profile is critical for human pancreatic islet destruction. <i>Diabetologia</i> , 2012 , 55, 3273-83	10.3	38
68	Mutations N34S and P55S of the SPINK1 gene in patients with chronic pancreatitis or pancreatic cancer and in healthy subjects: a report from Finland. <i>Scandinavian Journal of Gastroenterology</i> , 2005 , 40, 225-30	2.4	38
67	Identification of a Novel Deltavirus in Boa Constrictors. <i>MBio</i> , 2019 , 10,	7.8	37

66	Human enterovirus infections in children at increased risk for type 1 diabetes: the Babydiet study. <i>Diabetologia</i> , 2011 , 54, 2995-3002	10.3	34
65	5'Noncoding region alone does not unequivocally determine genetic type of human rhinovirus strains. <i>Journal of Clinical Microbiology</i> , 2009 , 47, 1278-80	9.7	32
64	Visual pigments of Baltic Sea fishes of marine and limnic origin. <i>Visual Neuroscience</i> , 2007 , 24, 389-98	1.7	30
63	Detection of novel tick-borne pathogen, Alongshan virus, in ticks, south-eastern Finland, 2019. <i>Eurosurveillance</i> , 2019 , 24,	19.8	27
62	Nidovirus-Associated Proliferative Pneumonia in the Green Tree Python (<i>Morelia viridis</i>). <i>Journal of Virology</i> , 2017 , 91,	6.6	24
61	Introduction and Dispersal of Sindbis Virus from Central Africa to Europe. <i>Journal of Virology</i> , 2019 , 93,	6.6	20
60	Molecular evolution and epidemiology of echovirus 6 in Finland. <i>Infection, Genetics and Evolution</i> , 2013 , 16, 234-47	4.5	20
59	Phenotypic and genetic changes in coxsackievirus B5 following repeated passage in mouse pancreas in vivo. <i>Journal of Medical Virology</i> , 2005 , 75, 566-74	19.7	19
58	Recombination in the evolution of enterovirus C species sub-group that contains types CVA-21, CVA-24, EV-C95, EV-C96 and EV-C99. <i>PLoS ONE</i> , 2014 , 9, e94579	3.7	18
57	High seroprevalence of enterovirus infections in apes and old world monkeys. <i>Emerging Infectious Diseases</i> , 2012 , 18, 283-6	10.2	17
56	Amino acids of Coxsackie B5 virus are critical for infection of the murine insulinoma cell line, MIN-6. <i>Journal of Medical Virology</i> , 2009 , 81, 296-304	19.7	17
55	Recent establishment of tick-borne encephalitis foci with distinct viral lineages in the Helsinki area, Finland. <i>Emerging Microbes and Infections</i> , 2019 , 8, 675-683	18.9	16
54	The complete genome sequences for a novel enterovirus type, enterovirus 96, reflect multiple recombinations. <i>Archives of Virology</i> , 2009 , 154, 1157-61	2.6	15
53	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	7.6	15
52	The Presence and Seroprevalence of Arthropod-Borne Viruses in Nasiriyah Governorate, Southern Iraq: A Cross-Sectional Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016 , 94, 794-9	3.2	14
51	Characteristics of an environmentally monitored prolonged type 2 vaccine derived poliovirus shedding episode that stopped without intervention. <i>PLoS ONE</i> , 2013 , 8, e66849	3.7	13
50	Evolution of newly described enteroviruses. <i>Future Virology</i> , 2011 , 6, 109-131	2.4	13
49	Fatal Tick-Borne Encephalitis Virus Infections Caused by Siberian and European Subtypes, Finland, 2015. <i>Emerging Infectious Diseases</i> , 2018 , 24, 946-948	10.2	13

48	The evolution of Vp1 gene in enterovirus C species sub-group that contains types CVA-21, CVA-24, EV-C95, EV-C96 and EV-C99. <i>PLoS ONE</i> , 2014 , 9, e93737	3.7	10
47	A single amino acid substitution in viral VP1 protein alters the lytic potential of clone-derived variants of echovirus 9 DM strain in human pancreatic islets. <i>Journal of Medical Virology</i> , 2013 , 85, 1267-73	19.7	10
46	Novel NGS pipeline for virus discovery from a wide spectrum of hosts and sample types. <i>Virus Evolution</i> , 2020 , 6, veaa091	3.7	10
45	Evolution and postglacial colonization of Seewis hantavirus with <i>Sorex araneus</i> in Finland. <i>Infection, Genetics and Evolution</i> , 2018 , 57, 88-97	4.5	10
44	Severe Acute Respiratory Syndrome Coronavirus 2 in Farmed Mink (<i>Neovison vison</i>), Poland. <i>Emerging Infectious Diseases</i> , 2021 , 27, 2333-2339	10.2	10
43	Enterovirus strain and type-specific differences in growth kinetics and virus-induced cell destruction in human pancreatic duct epithelial HPDE cells. <i>Virus Research</i> , 2015 , 210, 188-97	6.4	8
42	Seroprevalence of lymphocytic choriomeningitis virus and Ljungan virus in Finnish patients with suspected neurological infections. <i>Journal of Medical Virology</i> , 2018 , 90, 429-435	19.7	8
41	Differences in the growth properties of Zika virus foetal brain isolate and related epidemic strains in vitro. <i>Journal of General Virology</i> , 2017 , 98, 1744-1748	4.9	8
40	Co-circulation of highly diverse Aleutian mink disease virus strains in Finland. <i>Journal of General Virology</i> , 2019 , 100, 227-236	4.9	8
39	Intertypic recombination of human parechovirus 4 isolated from infants with sepsis-like disease. <i>Journal of Clinical Virology</i> , 2017 , 88, 1-7	14.5	7
38	Orthohantavirus Isolated in Reservoir Host Cells Displays Minimal Genetic Changes and Retains Wild-Type Infection Properties. <i>Viruses</i> , 2020 , 12,	6.2	7
37	Sindbis Virus Strains of Divergent Origin Isolated from Humans and Mosquitoes During a Recent Outbreak in Finland. <i>Vector-Borne and Zoonotic Diseases</i> , 2020 , 20, 843-849	2.4	7
36	SARS-CoV-2 Isolates Show Impaired Replication in Human Immune Cells but Differential Ability to Replicate and Induce Innate Immunity in Lung Epithelial Cells. <i>Microbiology Spectrum</i> , 2021 , 9, e0077421	8.9	7
35	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,	6.6	6
34	Metagenomic Evaluation of Bacteria from Voles. <i>Vector-Borne and Zoonotic Diseases</i> , 2017 , 17, 123-133	2.4	6
33	Detection and molecular characterisation of SARS-CoV-2 in farmed mink (<i>Neovison vison</i>) in Poland		6
32	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,	6.2	6
31	HAVoC, a bioinformatic pipeline for reference-based consensus assembly and lineage assignment for SARS-CoV-2 sequences. <i>BMC Bioinformatics</i> , 2021 , 22, 373	3.6	6

30	Serpentoviruses: More than Respiratory Pathogens. <i>Journal of Virology</i> , 2020 , 94,	6.6	5
29	Second case of European bat lyssavirus type 2 detected in a Daubenton's bat in Finland. <i>Acta Veterinaria Scandinavica</i> , 2017 , 59, 62	2	5
28	Detection of dengue virus type 2 of Indian origin in acute febrile patients in rural Kenya. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008099	4.8	4
27	Evolution of type 2 vaccine derived poliovirus lineages. Evidence for codon-specific positive selection at three distinct locations on capsid wall. <i>PLoS ONE</i> , 2013 , 8, e66836	3.7	4
26	Incidence Trends for SARS-CoV-2 Alpha and Beta Variants, Finland, Spring 2021. <i>Emerging Infectious Diseases</i> , 2021 , 27, 3137-3141	10.2	4
25	Range Expansion of Bombali Virus in Mops condylurus Bats, Kenya, 2019. <i>Emerging Infectious Diseases</i> , 2020 , 26, 3007-3010	10.2	4
24	Lymphocytic Choriomeningitis Virus Infections and Seroprevalence, Southern Iraq. <i>Emerging Infectious Diseases</i> , 2020 , 26, 3002-3006	10.2	3
23	Viral RNA Metagenomics of Ticks Collected from Dromedary Camels in Makkah Province, Saudi Arabia. <i>Viruses</i> , 2021 , 13,	6.2	3
22	High-throughput sequencing of two European strains of tick-borne encephalitis virus (TBEV), Hochosterwitz and 1993/783. <i>Ticks and Tick-borne Diseases</i> , 2021 , 12, 101557	3.6	3
21	No Association Between Ljungan Virus Seropositivity and the Beta-cell Damaging Process in the Finnish Type 1 Diabetes Prediction and Prevention Study Cohort. <i>Pediatric Infectious Disease Journal</i> , 2019 , 38, 314-316	3.4	2
20	Novel NGS Pipeline for Virus Discovery from a Wide Spectrum of Hosts and Sample Types		2
19	A novel negevirus isolated from <i>Aedes vexans</i> mosquitoes in Finland. <i>Archives of Virology</i> , 2020 , 165, 2989-2992	2.6	2
18	The phylodynamics of SARS-CoV-2 during 2020 in Finland Disappearance and re-emergence of introduced strains.		2
17	Molecular detection and phylogenetic analysis of <i>Borrelia miyamotoi</i> strains from ticks collected in the capital region of Finland. <i>Ticks and Tick-borne Diseases</i> , 2021 , 12, 101608	3.6	2
16	Genome Sequences of RIGVIR Oncolytic Virotherapy Virus and Five Other Echovirus 7 Isolates. <i>Genome Announcements</i> , 2018 , 6,		1
15	Enterovirus Infection of Cultured Human Pancreatic Islets 2013 , 299-312		1
14	Common Laboratory Mice Are Susceptible to Infection with the SARS-CoV-2 Beta Variant. <i>Viruses</i> , 2021 , 13,	6.2	1
13	Identification of a novel deltavirus in <i>Boa constrictor</i>		1

12	Aseptic meningitis outbreak associated with echovirus 4 in Northern Europe in 2013-2014. <i>Journal of Clinical Virology</i> , 2020 , 129, 104535	14.5	1
11	Chikungunya virus infections in Finnish travellers 2009-2019. <i>Infection Ecology and Epidemiology</i> , 2020 , 10, 1798096	4.3	1
10	Genetic Characterization of Seoul Virus in the Seaport of Cotonou, Benin. <i>Emerging Infectious Diseases</i> , 2021 , 27, 2704-2706	10.2	1
9	Experimental infection of mink with SARS-COV-2 Omicron (BA.1) variant leads to symptomatic disease with lung pathology and transmission		1
8	Vaccine-Induced Antibody Responses against SARS-CoV-2 Variants-Of-Concern Six Months after the BNT162b2 COVID-19 mRNA Vaccination.. <i>Microbiology Spectrum</i> , 2022 , e0225221	8.9	1
7	Genomic and epidemiological report of the recombinant XJ lineage SARS-CoV-2 variant, detected in northern Finland, January 2022.. <i>Eurosurveillance</i> , 2022 , 27,	19.8	1
6	High prevalence of an alpha variant lineage with a premature stop codon in ORF7a in Iraq, winter 2020-2021. <i>PLoS ONE</i> , 2022 , 17, e0267295	3.7	1
5	Lymphocytic Choriomeningitis Virus Infections and Seroprevalence, Southern Iraq. <i>Emerging Infectious Diseases</i> , 2020 , 26, 3002-3006	10.2	0
4	Mapping of human B-cell epitopes of Sindbis virus. <i>Journal of General Virology</i> , 2016 , 97, 2243-2254	4.9	0
3	Diversity and transmission of Aleutian mink disease virus in feral and farmed American mink and native mustelids. <i>Virus Evolution</i> , 2021 , 7, veab075	3.7	0
2	Serological Follow-Up Study Indicates High Seasonal Coronavirus Infection and Reinfection Rates in Early Childhood.. <i>Microbiology Spectrum</i> , 2022 , e0196721	8.9	0
1	Outbreak of delta variant SARS-CoV-2 virus on a psychogeriatric ward in Helsinki, Finland, August 2021; two-dose vaccination reduces mortality and disease severity amongst the elderly.. <i>Epidemiology and Infection</i> , 2022 , 1-14	4.3	