

Teemu P Smura

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6791721/publications.pdf>

Version: 2024-02-01

84
papers

5,056
citations

236833

25
h-index

102432

66
g-index

99
all docs

99
docs citations

99
times ranked

10963
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuropilin-1 facilitates SARS-CoV-2 cell entry and infectivity. <i>Science</i> , 2020, 370, 856-860.	6.0	1,441
2	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
3	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
4	COVID-19 mRNA vaccine induced antibody responses against three SARS-CoV-2 variants. <i>Nature Communications</i> , 2021, 12, 3991.	5.8	241
5	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
6	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. <i>Archives of Virology</i> , 2020, 165, 3023-3072.	0.9	184
7	Sindbis virus as a human pathogen-epidemiology, clinical picture and pathogenesis. <i>Reviews in Medical Virology</i> , 2016, 26, 221-241.	3.9	139
8	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.	0.9	115
9	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
10	Cellular tropism of human enterovirus D species serotypes EVâ€94, EVâ€70, and EVâ€68 in vitro: Implications for pathogenesis. <i>Journal of Medical Virology</i> , 2010, 82, 1940-1949.	2.5	80
11	Bombali Virus in <i>Mops condylurus</i> Bat, Kenya. <i>Emerging Infectious Diseases</i> , 2019, 25, 955-957.	2.0	79
12	Zika virus infection in a traveller returning from the Maldives, June 2015. <i>Eurosurveillance</i> , 2016, 21, .	3.9	71
13	Identification of a Novel Deltavirus in Boa Constrictors. <i>MBio</i> , 2019, 10, .	1.8	66
14	Enterovirus 94, a proposed new serotype in human enterovirus species D. <i>Journal of General Virology</i> , 2007, 88, 849-858.	1.3	63
15	Enterovirus surveillance reveals proposed new serotypes and provides new insight into enterovirus 5â€-untranslated region evolution. <i>Journal of General Virology</i> , 2007, 88, 2520-2526.	1.3	62
16	Detection of novel tick-borne pathogen, Alongshan virus, in Ixodes ricinus ticks, south-eastern Finland, 2019. <i>Eurosurveillance</i> , 2019, 24, .	3.9	55
17	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, 225-230.	0.6	48
18	Enterovirus-induced gene expression profile is critical for human pancreatic islet destruction. <i>Diabetologia</i> , 2012, 55, 3273-3283.	2.9	43

#	ARTICLE	IF	CITATIONS
19	Human enterovirus infections in children at increased risk for type 1 diabetes: the Babydiet study. <i>Diabetologia</i> , 2011, 54, 2995-3002.	2.9	42
20	Nidovirus-Associated Proliferative Pneumonia in the Green Tree Python (<i>Morelia viridis</i>). <i>Journal of Virology</i> , 2017, 91, .	1.5	41
21	Introduction and Dispersal of Sindbis Virus from Central Africa to Europe. <i>Journal of Virology</i> , 2019, 93, .	1.5	40
22	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
23	Visual pigments of Baltic Sea fishes of marine and limnic origin. <i>Visual Neuroscience</i> , 2007, 24, 389-398.	0.5	34
24	5â€™ Noncoding Region Alone Does Not Unequivocally Determine Genetic Type of Human Rhinovirus Strains. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1278-1280.	1.8	34
25	Severe Acute Respiratory Syndrome Coronavirus 2 in Farmed Mink (<i>Neovison vison</i>), Poland. <i>Emerging Infectious Diseases</i> , 2021, 27, 2333-2339.	2.0	30
26	Novel NGS pipeline for virus discovery from a wide spectrum of hosts and sample types. <i>Virus Evolution</i> , 2020, 6, veaa091.	2.2	28
27	HAVoC, a bioinformatic pipeline for reference-based consensus assembly and lineage assignment for SARS-CoV-2 sequences. <i>BMC Bioinformatics</i> , 2021, 22, 373.	1.2	28
28	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.	3.0	27
29	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.	1.1	24
30	Molecular evolution and epidemiology of echovirus 6 in Finland. <i>Infection, Genetics and Evolution</i> , 2013, 16, 234-247.	1.0	21
31	Identification of Reptarenaviruses, Hartmaniviruses, and a Novel Chuvirus in Captive Native Brazilian Boa Constrictors with Boid Inclusion Body Disease. <i>Journal of Virology</i> , 2020, 94, .	1.5	21
32	Common Laboratory Mice Are Susceptible to Infection with the SARS-CoV-2 Beta Variant. <i>Viruses</i> , 2021, 13, 2263.	1.5	21
33	High Seroprevalence of Enterovirus Infections in Apes and Old World Monkeys. <i>Emerging Infectious Diseases</i> , 2012, 18, 283-286.	2.0	20
34	Phenotypic and genetic changes in coxsackievirus B5 following repeated passage in mouse pancreas in vivo. <i>Journal of Medical Virology</i> , 2005, 75, 566-574.	2.5	19
35	Fatal Tick-Borne Encephalitis Virus Infections Caused by Siberian and European Subtypes, Finland, 2015. <i>Emerging Infectious Diseases</i> , 2018, 24, 946-948.	2.0	19
36	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, 794-799.	0.6	18

#	ARTICLE	IF	CITATIONS
37	Amino acids of coxsackie B5 virus are critical for infection of the murine insulinoma cell line, MINâ€6. Journal of Medical Virology, 2009, 81, 296-304.	2.5	17
38	Range Expansion of Bombali Virus in <i>Mops condylurus</i> Bats, Kenya, 2019. Emerging Infectious Diseases, 2020, 26, 3007-3010.	2.0	17
39	The complete genome sequences for a novel enterovirus type, enterovirus 96, reflect multiple recombinations. Archives of Virology, 2009, 154, 1157-1161.	0.9	16
40	Viral RNA Metagenomics of Hyalomma Ticks Collected from Dromedary Camels in Makkah Province, Saudi Arabia. Viruses, 2021, 13, 1396.	1.5	16
41	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. PLoS ONE, 2014, 9, e93737.	1.1	15
42	SARS-CoV-2 Isolates Show Impaired Replication in Human Immune Cells but Differential Ability to Replicate and Induce Innate Immunity in Lung Epithelial Cells. Microbiology Spectrum, 2021, 9, e0077421.	1.2	15
43	Characteristics of an Environmentally Monitored Prolonged Type 2 Vaccine Derived Poliovirus Shedding Episode that Stopped without Intervention. PLoS ONE, 2013, 8, e66849.	1.1	14
44	Kinetics of Neutralizing Antibodies of COVID-19 Patients Tested Using Clinical D614G, B.1.1.7, and B.1.351 Isolates in Microneutralization Assays. Viruses, 2021, 13, 996.	1.5	14
45	Evolution of newly described enteroviruses. Future Virology, 2011, 6, 109-131.	0.9	13
46	Incidence Trends for SARS-CoV-2 Alpha and Beta Variants, Finland, Spring 2021. Emerging Infectious Diseases, 2021, 27, 3137-3141.	2.0	13
47	A single amino acid substitution in viral VP1 protein alters the lytic potential of cloneâ€derived variants of echovirus 9 DM strain in human pancreatic islets. Journal of Medical Virology, 2013, 85, 1267-1273.	2.5	12
48	Seroprevalence of lymphocytic choriomeningitis virus and Ljungan virus in Finnish patients with suspected neurological infections. Journal of Medical Virology, 2018, 90, 429-435.	2.5	12
49	Evolution and postglacial colonization of Seewis hantavirus with Sorex araneus in Finland. Infection, Genetics and Evolution, 2018, 57, 88-97.	1.0	12
50	Detection of dengue virus type 2 of Indian origin in acute febrile patients in rural Kenya. PLoS Neglected Tropical Diseases, 2020, 14, e0008099.	1.3	12
51	Orthohantavirus Isolated in Reservoir Host Cells Displays Minimal Genetic Changes and Retains Wild-Type Infection Properties. Viruses, 2020, 12, 457.	1.5	12
52	Characterisation of the RNA Virome of Nine Ochlerotatus Species in Finland. Viruses, 2022, 14, 1489.	1.5	12
53	Enterovirus strain and type-specific differences in growth kinetics and virus-induced cell destruction in human pancreatic duct epithelial HPDE cells. Virus Research, 2015, 210, 188-197.	1.1	11
54	Sindbis Virus Strains of Divergent Origin Isolated from Humans and Mosquitoes During a Recent Outbreak in Finland. Vector-Borne and Zoonotic Diseases, 2020, 20, 843-849.	0.6	11

#	ARTICLE	IF	CITATIONS
55	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.	1.3	11
56	Co-circulation of highly diverse Aleutian mink disease virus strains in Finland. <i>Journal of General Virology</i> , 2019, 100, 227-236.	1.3	11
57	Experimental Infection of Mink with SARS-COV-2 Omicron Variant and Subsequent Clinical Disease. <i>Emerging Infectious Diseases</i> , 2022, 28, .	2.0	11
58	Intertypic recombination of human parechovirus 4 isolated from infants with sepsis-like disease. <i>Journal of Clinical Virology</i> , 2017, 88, 1-7.	1.6	10
59	Serpentoviruses: More than Respiratory Pathogens. <i>Journal of Virology</i> , 2020, 94, .	1.5	10
60	Genomic and epidemiological report of the recombinant XJ lineage SARS-CoV-2 variant, detected in northern Finland, January 2022. <i>Eurosurveillance</i> , 2022, 27, .	3.9	10
61	Metagenomic Evaluation of Bacteria from Voles. <i>Vector-Borne and Zoonotic Diseases</i> , 2017, 17, 123-133.	0.6	9
62	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.	1.1	9
63	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, 10, e0225221.	1.2	9
64	Differences in Tissue and Species Tropism of Reptarenavirus Species Studied by Vesicular Stomatitis Virus Pseudotypes. <i>Viruses</i> , 2020, 12, 395.	1.5	8
65	Diversity and transmission of Aleutian mink disease virus in feral and farmed American mink and native mustelids. <i>Virus Evolution</i> , 2021, 7, veab075.	2.2	8
66	High prevalence of an alpha variant lineage with a premature stop codon in ORF7a in Iraq, winter 2020â€“2021. <i>PLoS ONE</i> , 2022, 17, e0267295.	1.1	8
67	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.	1.1	7
68	Lymphocytic Choriomeningitis Virus Infections and Seroprevalence, Southern Iraq. <i>Emerging Infectious Diseases</i> , 2020, 26, 3002-3006.	2.0	7
69	Second case of European bat lyssavirus type 2 detected in a Daubentonâ€™s bat in Finland. <i>Acta Veterinaria Scandinavica</i> , 2017, 59, 62.	0.5	6
70	Genetic Characterization of Seoul Virus in the Seaport of Cotonou, Benin. <i>Emerging Infectious Diseases</i> , 2021, 27, 2704-2706.	2.0	6
71	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.	1.1	5
72	The phylodynamics of SARS-CoV-2 during 2020 in Finland. <i>Communications Medicine</i> , 2022, 2, .	1.9	5

#	ARTICLE	IF	CITATIONS
73	Evolution of Type 2 Vaccine Derived Poliovirus Lineages. Evidence for Codon-Specific Positive Selection at Three Distinct Locations on Capsid Wall. PLoS ONE, 2013, 8, e66836.	1.1	4
74	A novel negevirus isolated from Aedes vexans mosquitoes in Finland. Archives of Virology, 2020, 165, 2989-2992.	0.9	4
75	Serological Follow-Up Study Indicates High Seasonal Coronavirus Infection and Reinfection Rates in Early Childhood. Microbiology Spectrum, 2022, 10, e0196721.	1.2	4
76	Genome Sequences of RIGVIR Oncolytic Virotherapy Virus and Five Other Echovirus 7 Isolates. Genome Announcements, 2018, 6, .	0.8	3
77	Aseptic meningitis outbreak associated with echovirus 4 in Northern Europe in 2013â€“2014. Journal of Clinical Virology, 2020, 129, 104535.	1.6	3
78	Chikungunya virus infections in Finnish travellers 2009-2019. Infection Ecology and Epidemiology, 2020, 10, 1798096.	0.5	2
79	Mapping of human B-cell epitopes of Sindbis virus. Journal of General Virology, 2016, 97, 2243-2254.	1.3	2
80	Serological Evidence of Exposure to Onyong-Nyong and Chikungunya Viruses in Febrile Patients of Rural Taita-Taveta County and Urban Kibera Informal Settlement in Nairobi, Kenya. Viruses, 2022, 14, 1286.	1.5	2
81	Enterovirus Infection of Cultured Human Pancreatic Islets. , 2013, , 299-312.		1
82	Lymphocytic Choriomeningitis Virus Infections and Seroprevalence, Southern Iraq. Emerging Infectious Diseases, 2020, 26, 3002-3006.	2.0	1
83	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.. Epidemiology and Infection, 2022, , 1-14.	1.0	0
84	ClusTRace, a bioinformatic pipeline for analyzing clusters in virus phylogenies. BMC Bioinformatics, 2022, 23, .	1.2	0