

# Kata Farkas

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

2,936  
citations

236612

25  
h-index

253896

43  
g-index

49  
all docs

49  
docs citations

49  
times ranked

3371  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of novel fish papillomaviruses: From the Antarctic to the commercial fish market. <i>Virology</i> , 2022, 565, 65-72.	1.1	10
2	Understanding and managing uncertainty and variability for wastewater monitoring beyond the pandemic: Lessons learned from the United Kingdom national COVID-19 surveillance programmes. <i>Journal of Hazardous Materials</i> , 2022, 424, 127456.	6.5	105
3	A comparison of precipitation and filtration-based SARS-CoV-2 recovery methods and the influence of temperature, turbidity, and surfactant load in urban wastewater. <i>Science of the Total Environment</i> , 2022, 808, 151916.	3.9	47
4	PREVALENCE AND RELATIVE RISK OF ROTAVIRUS GASTROENTERITIS IN CHILDREN UNDER FIVE YEARS IN NIGERIA: A SYSTEMATIC REVIEW AND META-ANALYSIS. <i>Pathogens and Global Health</i> , 2022, , 1-12.	1.0	0
5	Assessment of two types of passive sampler for the efficient recovery of SARS-CoV-2 and other viruses from wastewater. <i>Science of the Total Environment</i> , 2022, 838, 156580.	3.9	19
6	Concentration and Quantification of SARS-CoV-2 RNA in Wastewater Using Polyethylene Glycol-Based Concentration and qRT-PCR. <i>Methods and Protocols</i> , 2021, 4, 17.	0.9	42
7	Investigating awareness, fear and control associated with norovirus and other pathogens and pollutants using bestâ€“worst scaling. <i>Scientific Reports</i> , 2021, 11, 11194.	1.6	4
8	Attenuation and transport of human enteric viruses and bacteriophage MS2 in alluvial sand and gravel aquifer mediaâ€“laboratory studies. <i>Water Research</i> , 2021, 196, 117051.	5.3	13
9	Monitoring SARS-CoV-2 in municipal wastewater to evaluate the success of lockdown measures for controlling COVID-19 in the UK. <i>Water Research</i> , 2021, 200, 117214.	5.3	117
10	Tracing the fate of wastewater viruses reveals catchment-scale virome diversity and connectivity. <i>Water Research</i> , 2021, 203, 117568.	5.3	17
11	Site Specific Relationships between COVID-19 Cases and SARS-CoV-2 Viral Load in Wastewater Treatment Plant Influent. <i>Environmental Science &amp; Technology</i> , 2021, 55, 15276-15286.	4.6	38
12	Surveillance of SARS-CoV-2 RNA in wastewater: Methods optimization and quality control are crucial for generating reliable public health information. <i>Current Opinion in Environmental Science and Health</i> , 2020, 17, 82-93.	2.1	126
13	Shedding of SARS-CoV-2 in feces and urine and its potential role in person-to-person transmission and the environment-based spread of COVID-19. <i>Science of the Total Environment</i> , 2020, 749, 141364.	3.9	293
14	Viral indicators for tracking domestic wastewater contamination in the aquatic environment. <i>Water Research</i> , 2020, 181, 115926.	5.3	97
15	Wastewater-Based Epidemiology: Global Collaborative to Maximize Contributions in the Fight Against COVID-19. <i>Environmental Science &amp; Technology</i> , 2020, 54, 7754-7757.	4.6	337
16	Comparison of virus concentration methods for the RT-qPCR-based recovery of murine hepatitis virus, a surrogate for SARS-CoV-2 from untreated wastewater. <i>Science of the Total Environment</i> , 2020, 739, 139960.	3.9	405
17	Wastewater and public health: the potential of wastewater surveillance for monitoring COVID-19. <i>Current Opinion in Environmental Science and Health</i> , 2020, 17, 14-20.	2.1	163
18	Emerging technologies for the rapid detection of enteric viruses in the aquatic environment. <i>Current Opinion in Environmental Science and Health</i> , 2020, 16, 1-6.	2.1	51

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19	Viral dispersal in the coastal zone: A method to quantify water quality risk. <i>Environment International</i> , 2019, 126, 430-442.	4.8	18
20	Critical Evaluation of CrAssphage as a Molecular Marker for Human-Derived Wastewater Contamination in the Aquatic Environment. <i>Food and Environmental Virology</i> , 2019, 11, 113-119.	1.5	77
21	Seasonal and spatial dynamics of enteric viruses in wastewater and in riverine and estuarine receiving waters. <i>Science of the Total Environment</i> , 2018, 634, 1174-1183.	3.9	134
22	Seasonal and diurnal surveillance of treated and untreated wastewater for human enteric viruses. <i>Environmental Science and Pollution Research</i> , 2018, 25, 33391-33401.	2.7	39
23	Two-Step Concentration of Complex Water Samples for the Detection of Viruses. <i>Methods and Protocols</i> , 2018, 1, 35.	0.9	18
24	Viromic Analysis of Wastewater Input to a River Catchment Reveals a Diverse Assemblage of RNA Viruses. <i>MSystems</i> , 2018, 3, .	1.7	59
25	Genomoviruses associated with mountain and western pine beetles. <i>Virus Research</i> , 2018, 256, 17-20.	1.1	11
26	Fish polyomaviruses belong to two distinct evolutionary lineages. <i>Journal of General Virology</i> , 2018, 99, 567-573.	1.3	19
27	Evaluation of Two Triplex One-Step qRT-PCR Assays for the Quantification of Human Enteric Viruses in Environmental Samples. <i>Food and Environmental Virology</i> , 2017, 9, 342-349.	1.5	22
28	Genome sequences of a capulavirus infecting <i>Plantago lanceolata</i> in the Åland archipelago of Finland. <i>Archives of Virology</i> , 2017, 162, 2041-2045.	0.9	39
29	Genome Sequences of <i>Beet curly top Iran virus</i> , <i>Oat dwarf virus</i> , <i>Turnip curly top virus</i> , and <i>Wheat dwarf virus</i> Identified in Leafhoppers. <i>Genome Announcements</i> , 2017, 5, .	0.8	13
30	Tracking effluent discharges in undisturbed stony soil and alluvial gravel aquifer using synthetic DNA tracers. <i>Science of the Total Environment</i> , 2017, 592, 144-152.	3.9	27
31	Evaluation of Molecular Methods for the Detection and Quantification of Pathogen-Derived Nucleic Acids in Sediment. <i>Frontiers in Microbiology</i> , 2017, 8, 53.	1.5	26
32	Abundance and Distribution of Enteric Bacteria and Viruses in Coastal and Estuarine Sediments—a Review. <i>Frontiers in Microbiology</i> , 2016, 7, 1692.	1.5	109
33	The Ancient Evolutionary History of Polyomaviruses. <i>PLoS Pathogens</i> , 2016, 12, e1005574.	2.1	190
34	Molecular characterization and prevalence of two capulaviruses: Alfalfa leaf curl virus from France and <i>Euphorbia caput-medusae</i> latent virus from South Africa. <i>Virology</i> , 2016, 493, 142-153.	1.1	40
35	Serological responses to <i>Cryptosporidium</i> antigens in inhabitants of Hungary using conventionally filtered surface water and riverbank filtered drinking water. <i>Epidemiology and Infection</i> , 2015, 143, 2743-2747.	1.0	8
36	Identification of novel <i>Bromus</i> - and <i>Trifolium</i> -associated circular DNA viruses. <i>Archives of Virology</i> , 2015, 160, 1303-1311.	0.9	28

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37	Size exclusion-based purification and PCR-based quantitation of MS2 bacteriophage particles for environmental applications. <i>Journal of Virological Methods</i> , 2015, 213, 135-138.	1.0	9
38	Adsorption of Rotavirus, MS2 Bacteriophage and Surface-Modified Silica Nanoparticles to Hydrophobic Matter. <i>Food and Environmental Virology</i> , 2015, 7, 261-268.	1.5	33
39	Identification of an avian polyomavirus associated with Adelie penguins ( <i>Pygoscelis adeliae</i> ). <i>Journal of General Virology</i> , 2015, 96, 851-857.	1.3	41
40	Genome Sequence of a Diverse Goose Circovirus Recovered from Greylag Goose. <i>Genome Announcements</i> , 2015, 3, .	0.8	8
41	Detection and genotype analysis of <i>Giardia duodenalis</i> from asymptomatic Hungarian inhabitants and comparative findings in three distinct locations. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2014, 61, 19-26.	0.4	5
42	Mimicking filtration and transport of rotavirus and adenovirus in sand media using DNA-labeled, protein-coated silica nanoparticles. <i>Water Research</i> , 2014, 62, 167-179.	5.3	44
43	A Gel Filtration-Based Method for the Purification of Infectious Rotavirus Particles for Environmental Research Applications. <i>Food and Environmental Virology</i> , 2013, 5, 231-235.	1.5	13