

Mats Leifels

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3015470/publications.pdf>

Version: 2024-02-01

25
papers

559
citations

686830

13
h-index

676716

22
g-index

31
all docs

31
docs citations

31
times ranked

780
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of ethidium monoazide and propidium monoazide to determine viral infectivity upon inactivation by heat, UV- exposure and chlorine. <i>International Journal of Hygiene and Environmental Health</i> , 2015, 218, 686-693.	2.1	83
2	Quantitative SARS-CoV-2 Alpha Variant B.1.1.7 Tracking in Wastewater by Allele-Specific RT-qPCR. <i>Environmental Science and Technology Letters</i> , 2021, 8, 675-682.	3.9	68
3	Distribution of <i>Escherichia coli</i> , coliphages and enteric viruses in water, epilithic biofilms and sediments of an urban river in Germany. <i>Science of the Total Environment</i> , 2018, 626, 650-659.	3.9	53
4	Capsid integrity quantitative PCR to determine virus infectivity in environmental and food applications – A systematic review. <i>Water Research X</i> , 2021, 11, 100080.	2.8	42
5	Making waves: Wastewater surveillance of SARS-CoV-2 in an endemic future. <i>Water Research</i> , 2022, 219, 118535.	5.3	37
6	Relative Abundance of Human Bocaviruses in Urban Sewage in Greater Cairo, Egypt. <i>Food and Environmental Virology</i> , 2017, 9, 304-313.	1.5	31
7	Evaluating Microbial and Chemical Hazards in Commercial Struvite Recovered from Wastewater. <i>Environmental Science & Technology</i> , 2019, 53, 5378-5386.	4.6	31
8	From Lab to Lake – Evaluation of Current Molecular Methods for the Detection of Infectious Enteric Viruses in Complex Water Matrices in an Urban Area. <i>PLoS ONE</i> , 2016, 11, e0167105.	1.1	31
9	Rapid displacement of SARS-CoV-2 variant Delta by Omicron revealed by allele-specific PCR in wastewater. <i>Water Research</i> , 2022, 221, 118809.	5.3	30
10	Coexistence of free-living amoebae and bacteria in selected South African hospital water distribution systems. <i>Parasitology Research</i> , 2017, 116, 155-165.	0.6	28
11	Global water, sanitation and hygiene research priorities and learning challenges under Sustainable Development Goal 6. <i>Development Policy Review</i> , 2020, 38, 64-84.	1.0	23
12	Persistence of Dengue (Serotypes 2 and 3), Zika, Yellow Fever, and Murine Hepatitis Virus RNA in Untreated Wastewater. <i>Environmental Science and Technology Letters</i> , 2021, 8, 785-791.	3.9	23
13	Capsid Integrity qPCR – An Azo-Dye Based and Culture-Independent Approach to Estimate Adenovirus Infectivity after Disinfection and in the Aquatic Environment. <i>Water (Switzerland)</i> , 2019, 11, 1196.	1.2	15
14	Mega festivals like MahaKumbh, a largest mass congregation, facilitated the transmission of SARS-CoV-2 to humans and endangered animals via contaminated water. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 237, 113836.	2.1	9
15	A bioassay-based protocol for chemical neutralization of human faecal wastes treated by physico-chemical disinfection processes: A case study on benzalkonium chloride. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 155-167.	2.1	8
16	Characteristics and Injury Patterns of Road Traffic Injuries in Urban and Rural Uganda – A Retrospective Medical Record Review Study in Two Hospitals. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7663.	1.2	4
17	Free-living amoebae isolated from a hospital water system in South Africa: a potential source of nosocomial and occupational infection. <i>Water Science and Technology: Water Supply</i> , 2016, 16, 70-78.	1.0	3
18	Pathogen performance testing of a natural swimming pool using a cocktail of microbiological surrogates and QMRA-derived management goals. <i>Journal of Water and Health</i> , 2021, 19, 629-641.	1.1	3

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19	Global Water, Sanitation, and Hygiene Research Priorities and Learning Challenges under Sustainable Development Goal 6. Development Policy Review, 2020, 38, 64.	1.0	2
20	Editorial 8th International Water and Health Seminar. International Journal of Hygiene and Environmental Health, 2017, 220, 511-512.	2.1	1
21	Detection of amoeba-associated Legionella pneumophila in hospital water networks of Johannesburg. Southern African Journal of Infectious Diseases, 2018, 33, 72-75.	0.3	1
22	Microbiological impact of diffuse pollution sources on water quality. , 2022, , 73-82.		1
23	9th annual international water and health seminar. International Journal of Hygiene and Environmental Health, 2018, 221, 712-713.	2.1	0
24	Letter to the Editor RE: High levels of faecal contamination in drinking groundwater and recreational water due to poor sanitation, in the sub-rural neighbourhoods of Kinshasa, Democratic Republic of the Congo by Kayembe et al. 2018. International Journal of Hygiene and Environmental Health, 2019, 222, 260-261.	2.1	0
25	Mikrobiologische Risikobewertung (QMRA) – eine Strategie zur Bewertung der mikrobiologischen Gewässerqualität. Gesundheitswesen, 2018, 80, .	0.8	0