

Kristen L Jellison

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

511
citations

687335

13
h-index

752679

20
g-index

20
all docs

20
docs citations

20
times ranked

598
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogenetic Analysis of the Hypervariable Region of the 18S rRNA Gene of <i>Cryptosporidium</i> Oocysts in Feces of Canada Geese (<i>Branta canadensis</i>): Evidence for Five Novel Genotypes. <i>Applied and Environmental Microbiology</i> , 2004, 70, 452-458.	3.1	72
2	Sources and Species of <i>Cryptosporidium</i> Oocysts in the Wachusett Reservoir Watershed. <i>Applied and Environmental Microbiology</i> , 2002, 68, 569-575.	3.1	70
3	Source Tracking Identifies Deer and Geese as Vectors of Human-Infectious <i>Cryptosporidium</i> Genotypes in an Urban/Suburban Watershed. <i>Environmental Science & Technology</i> , 2009, 43, 4267-4272.	10.0	55
4	Making Waves: Collaboration in the time of SARS-CoV-2 - rapid development of an international co-operation and wastewater surveillance database to support public health decision-making. <i>Water Research</i> , 2021, 199, 117167.	11.3	48
5	Effect of production variables on microbiological removal in locally-produced ceramic filters for household water treatment. <i>International Journal of Environmental Health Research</i> , 2010, 20, 171-187.	2.7	46
6	Artificial UV-B and Solar Radiation Reduce in Vitro Infectivity of the Human Pathogen <i>Cryptosporidium parvum</i> . <i>Environmental Science & Technology</i> , 2007, 41, 7101-7106.	10.0	43
7	Turbidity and chlorine demand reduction using locally available physical water clarification mechanisms before household chlorination in developing countries. <i>Journal of Water and Health</i> , 2009, 7, 497-506.	2.6	29
8	Turbidity and chlorine demand reduction using alum and moringa flocculation before household chlorination in developing countries. <i>Journal of Water and Health</i> , 2010, 8, 60-70.	2.6	28
9	Effect of Sand Bed Depth and Medium Age on <i>Escherichia coli</i> and Turbidity Removal in Biosand Filters. <i>Environmental Science & Technology</i> , 2017, 51, 3402-3409.	10.0	19
10	Pseudo-Second-Order Calcium-Mediated <i>Cryptosporidium parvum</i> Oocyst Attachment to Environmental Biofilms. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	15
11	Role of Wall Shear Stress in <i>Cryptosporidium parvum</i> Oocyst Attachment to Environmental Biofilms. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	14
12	Evaluation of consistent use, barriers to use, and microbiological effectiveness of three prototype household water treatment technologies in Haiti, Kenya, and Nicaragua. <i>Science of the Total Environment</i> , 2020, 718, 134685.	8.0	14
13	Phylogenetic Analysis Implicates Birds as a Source of <i>Cryptosporidium</i> spp. Oocysts in Agricultural Watersheds. <i>Environmental Science & Technology</i> , 2007, 41, 3620-3625.	10.0	13
14	The effects of input materials on ceramic water filter efficacy for household drinking water treatment. <i>Water Science and Technology: Water Supply</i> , 2017, 17, 859-869.	2.1	13
15	Impact of Bioreactor Environment and Recovery Method on the Profile of Bacterial Populations from Water Distribution Systems. <i>PLoS ONE</i> , 2015, 10, e0133427.	2.5	9
16	Calcium-Mediated Biophysical Binding of <i>Cryptosporidium parvum</i> Oocysts to Surfaces Is Sensitive to Oocyst Age. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	7
17	Transport effects on hydraulic loading rate and microbial removal performance in biosand filters. <i>Journal of Water and Health</i> , 2014, 12, 686-691.	2.6	6
18	Influence of sand depth and pause period on microbial removal in traditional and modified biosand filters. <i>Water Research</i> , 2021, 189, 116577.	11.3	5

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19	Biofilm Sampling for Detection of <i>Cryptosporidium</i> Oocysts in a Southeastern Pennsylvania Watershed. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	3
20	Development of cell-imprinted polymer surfaces for <i>Cryptosporidium</i> capture and detection. <i>Water Research</i> , 2021, 205, 117675.	11.3	2