

Isaac Dennis Amoah

List of Publications by Year in Descending Order

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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.

32
papers

449
citations

11
h-index

21
g-index

34
ext. papers

690
ext. citations

4.8
avg, IF

4.49
L-index

#	Paper	IF	Citations
32	Development and evaluation of a molecular based protocol for detection and quantification of <i>Cryptosporidium</i> spp. in wastewater.. <i>Experimental Parasitology</i> , 2022 , 234, 108216	2.1	0
31	An assessment of the health risks associated with shared sanitation: a case study of the community ablution blocks in Durban, South Africa.. <i>Environmental Monitoring and Assessment</i> , 2022 , 194, 166	3.1	
30	Molecular surveillance of tuberculosis-causing mycobacteria in wastewater.. <i>Heliyon</i> , 2022 , 8, e08910	3.6	2
29	Effect of selected wastewater characteristics on estimation of SARS-CoV-2 viral load in wastewater. <i>Environmental Research</i> , 2022 , 203, 111877	7.9	5
28	Wastewater-Based Surveillance of Antibiotic Resistance Genes Associated with Tuberculosis Treatment Regimen in KwaZulu Natal, South Africa. <i>Antibiotics</i> , 2021 , 10,	4.9	1
27	Detection of multidrug resistant environmental isolates of and : a possible threat for community acquired infections?. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2021 , 56, 213-225	2.3	1
26	Identification, antibiotic resistance, and virulence profiling of <i>Aeromonas</i> and <i>Pseudomonas</i> species from wastewater and surface water. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 294	3.1	3
25	RT-LAMP: A Cheaper, Simpler and Faster Alternative for the Detection of SARS-CoV-2 in Wastewater. <i>Food and Environmental Virology</i> , 2021 , 13, 447-456	4	6
24	Detection of SARS-CoV-2 RNA on contact surfaces within shared sanitation facilities. <i>International Journal of Hygiene and Environmental Health</i> , 2021 , 236, 113807	6.9	5
23	A review on application of next-generation sequencing methods for profiling of protozoan parasites in water: Current methodologies, challenges, and perspectives. <i>Journal of Microbiological Methods</i> , 2021 , 187, 106269	2.8	2
22	Development of a semi-quantitative approach for the assessment of microbial health risk associated with wastewater reuse: A case study at the household level. <i>Environmental Challenges</i> , 2021 , 4, 100182	2.6	1
21	Monitoring changes in COVID-19 infection using wastewater-based epidemiology: A South African perspective. <i>Science of the Total Environment</i> , 2021 , 786, 147273	10.2	12
20	Evaluation of the efficiency of some disinfectants on the viability of <i>Hymenolepis nana</i> eggs isolated from wastewater and faecal sludge in Yaounde (Cameroon): importance of some abiotic variables. <i>Water Science and Technology</i> , 2021 , 84, 2499-2518	2.2	0
19	16S rRNA-based metagenomic profiling of microbes on contact surfaces within shared sanitation facilities. <i>Ecological Genetics and Genomics</i> , 2021 , 21, 100095	1.4	0
18	Impact of sludge bulking on receiving environment using quantitative microbial risk assessment (QMRA)-based management for full-scale wastewater treatment plants. <i>Journal of Environmental Management</i> , 2020 , 267, 110660	7.9	7
17	Microplastics in the environment: Interactions with microbes and chemical contaminants. <i>Science of the Total Environment</i> , 2020 , 743, 140518	10.2	117
16	Coronaviruses in wastewater processes: Source, fate and potential risks. <i>Environment International</i> , 2020 , 143, 105962	12.9	61

15	Impact of informal settlements and wastewater treatment plants on helminth egg contamination of urban rivers and risks associated with exposure. <i>Environmental Monitoring and Assessment</i> , 2020 , 192, 713	3.1	1
14	Relationships between shared sanitation facilities and diarrhoeal and soil-transmitted helminth infections: an analytical review. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2019 , 9, 198-209 ⁵	1.9	5
13	Transfer of coliform bacteria to duckweed harvested from anaerobic baffled reactor effluent. <i>Bioresource Technology Reports</i> , 2019 , 8, 100314	4.1	
12	Comparative assessment of DNA extraction procedures for spp. eggs. <i>Journal of Helminthology</i> , 2019 , 94, e78	1.6	4
11	Removal of helminth eggs by centralized and decentralized wastewater treatment plants in South Africa and Lesotho: health implications for direct and indirect exposure to the effluents. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 12883-12895	5.1	16
10	Concentration of soil-transmitted helminth eggs in sludge from South Africa and Senegal: A probabilistic estimation of infection risks associated with agricultural application. <i>Journal of Environmental Management</i> , 2018 , 206, 1020-1027	7.9	17
9	Epidemiological Evidence and Health Risks Associated With Agricultural Reuse of Partially Treated and Untreated Wastewater: A Review. <i>Frontiers in Public Health</i> , 2018 , 6, 337	6	43
8	Soil-transmitted helminth infections associated with wastewater and sludge reuse: a review of current evidence. <i>Tropical Medicine and International Health</i> , 2018 , 23, 692-703	2.3	21
7	Detection and quantification of soil-transmitted helminths in environmental samples: A review of current state-of-the-art and future perspectives. <i>Acta Tropica</i> , 2017 , 169, 187-201	3.2	54
6	Effect of reagents used during detection and quantification of <i>Ascaris suum</i> in environmental samples on egg viability. <i>Water Science and Technology</i> , 2017 , 76, 2389-2400	2.2	5
5	Contribution of Wastewater Irrigation to Soil Transmitted Helminths Infection among Vegetable Farmers in Kumasi, Ghana. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0005161	4.8	24
4	Exploring the potential reservoirs of non specific TEM beta lactamase (bla(TEM)) gene in the Indo-Gangetic region: A risk assessment approach to predict health hazards. <i>Journal of Hazardous Materials</i> , 2016 , 314, 121-128	12.8	19
3	A probabilistic assessment of the contribution of wastewater-irrigated lettuce to <i>Escherichia coli</i> O157:H7 infection risk and disease burden in Kumasi, Ghana. <i>Journal of Water and Health</i> , 2015 , 13, 217-229 ^{2,2}	2.2	2
2	Modeling the die-off of <i>E. coli</i> and <i>Ascaris</i> in wastewater-irrigated vegetables: implications for microbial health risk reduction associated with irrigation cessation. <i>Water Science and Technology</i> , 2013 , 68, 1013-21	2.2	13
1	Detection of SARS-CoV-2 on contact surfaces within shared sanitation facilities and assessment of the potential risks for COVID-19 infections		2