Gertjan Medema

List of Publications by Year
in descending order

16 papers	2,236 citations	759055 12 h-index	996849 15 g-index
19 all docs	19 docs citations	19 times ranked	3167 citing authors

#	Article	IF	Citations
1	Presence of SARS-Coronavirus-2 RNA in Sewage and Correlation with Reported COVID-19 Prevalence in the Early Stage of the Epidemic in The Netherlands. Environmental Science and Technology Letters, 2020, 7, 511-516.	3.9	1,144
2	Wastewater-Based Epidemiology: Global Collaborative to Maximize Contributions in the Fight Against COVID-19. Environmental Science & Technology, 2020, 54, 7754-7757.	4.6	337
3	Implementation of environmental surveillance for SARS-CoV-2 virus to support public health decisions: Opportunities and challenges. Current Opinion in Environmental Science and Health, 2020, 17, 49-71.	2.1	255
4	Global Occurrence and Emission of Rotaviruses to Surface Waters. Pathogens, 2015, 4, 229-255.	1.2	59
5	Quantitative risk assessment of norovirus and adenovirus for the use of reclaimed water to irrigate lettuce in Catalonia. Water Research, 2019, 153, 91-99.	5.3	52
6	Microbial health risks associated with exposure to stormwater in a water plaza. Water Research, 2015, 74, 34-46.	5.3	39
7	Cryptosporidium concentrations in rivers worldwide. Water Research, 2019, 149, 202-214.	5.3	39
8	Assessing the transition effects in a drinking water distribution system caused by changing supply water quality: an indirect approach by characterizing suspended solids. Water Research, 2020, 168, 115159.	5.3	35
9	Health risks derived from consumption of lettuces irrigated with tertiary effluent containing norovirus. Food Research International, 2015, 68, 70-77.	2.9	33
10	Can routine monitoring of E.Âcoli fully account for peak event concentrations at drinking water intakes in agricultural and urban rivers?. Water Research, 2020, 170, 115369.	5.3	21
11	International tempo-spatial study of antibiotic resistance genes across the Rhine river using newly developed multiplex qPCR assays. Science of the Total Environment, 2020, 706, 135733.	3.9	20
12	Establishment of local wastewater-based surveillance programmes in response to the spread and infection of COVID-19 â€“ case studies from South Africa, the Netherlands, Turkey and England. Journal of Water and Health, 2022, 20, 287-299.	1.1	15
13	Trends in conducting quantitative microbial risk assessments for water reuse systems: A review. Microbial Risk Analysis, 2020, 16, 100132.	1.3	10
14	Faster and safer: Research priorities in water and health. International Journal of Hygiene and Environmental Health, 2019, 222, 593-606.	2.1	9
15	Addressing and reducing parameter uncertainty in quantitative microbial risk assessment by incorporating external information via Bayesian hierarchical modeling. Water Research, 2020, 185, 116202.	5.3	6
16	Thermal Energy Recovery from Drinking Water. , 0, , .		0