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List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,472
citations

304743

22
h-index

477307

29
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31
all docs

31
docs citations

31
times ranked

2254
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of Waterborne Human Viruses by Indigenous Bacteria and Protists Is Influenced by Temperature, Virus Type, and Microbial Species. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	22
2	Adaptation of Human Enterovirus to Warm Environments Leads to Resistance against Chlorine Disinfection. <i>Environmental Science & Technology</i> , 2020, 54, 11292-11300.	10.0	18
3	Population density and water balance influence the global occurrence of hepatitis E epidemics. <i>Scientific Reports</i> , 2019, 9, 10042.	3.3	14
4	Community-Level Responses to Iron Availability in Open Ocean Plankton Ecosystems. <i>Global Biogeochemical Cycles</i> , 2019, 33, 391-419.	4.9	76
5	<i>E. coli</i> "MS2 bacteriophage interactions during solar disinfection of wastewater and the subsequent post-irradiation period. <i>Chemical Engineering Journal</i> , 2019, 359, 1224-1233.	12.7	11
6	Resistance of Echovirus 11 to ClO ₂ Is Associated with Enhanced Host Receptor Use, Altered Entry Routes, and High Fitness. <i>Environmental Science & Technology</i> , 2017, 51, 10746-10755.	10.0	29
7	Iron oxide-mediated semiconductor photocatalysis vs. heterogeneous photo-Fenton treatment of viruses in wastewater. Impact of the oxide particle size.. <i>Journal of Hazardous Materials</i> , 2017, 339, 223-231.	12.4	111
8	Effect of Fe(II)/Fe(III) species, pH, irradiance and bacterial presence on viral inactivation in wastewater by the photo-Fenton process: Kinetic modeling and mechanistic interpretation. <i>Applied Catalysis B: Environmental</i> , 2017, 204, 156-166.	20.2	77
9	Cross-Resistance of UV- or Chlorine Dioxide-Resistant Echovirus 11 to Other Disinfectants. <i>Frontiers in Microbiology</i> , 2017, 8, 1928.	3.5	29
10	Experimental adaptation of human echovirus 11 to ultraviolet radiation leads to resistance to disinfection and ribavirin. <i>Virus Evolution</i> , 2017, 3, vex035.	4.9	33
11	Genetic, Structural, and Phenotypic Properties of MS2 Coliphage with Resistance to ClO ₂ Disinfection. <i>Environmental Science & Technology</i> , 2016, 50, 13520-13528.	10.0	34
12	Solar Disinfection of Viruses in Polyethylene Terephthalate Bottles. <i>Applied and Environmental Microbiology</i> , 2016, 82, 279-288.	3.1	38
13	Evidence of viral dissemination and seasonality in a Mediterranean river catchment: Implications for water pollution management. <i>Journal of Environmental Management</i> , 2015, 159, 58-67.	7.8	51
14	Erratum to "Quantification of Human and Animal Viruses to Differentiate the Origin of the Fecal Contamination Present in Environmental Samples" <i>BioMed Research International</i> , 2014, 2014, 1-2.	1.9	0
15	UVC Inactivation of dsDNA and ssRNA Viruses in Water: UV Fluences and a qPCR-Based Approach to Evaluate Decay on Viral Infectivity. <i>Food and Environmental Virology</i> , 2014, 6, 260-268.	3.4	44
16	Chlorine inactivation of hepatitis E virus and human adenovirus 2 in water. <i>Journal of Water and Health</i> , 2014, 12, 436-442.	2.6	34
17	Adenovirus and Norovirus Contaminants in Commercially Distributed Shellfish. <i>Food and Environmental Virology</i> , 2014, 6, 31-41.	3.4	27
18	Virus transfer proportions between gloved fingertips, soft berries, and lettuce, and associated health risks. <i>International Journal of Food Microbiology</i> , 2013, 166, 419-425.	4.7	58

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19	Environmental Effectors on the Inactivation of Human Adenoviruses in Water. Food and Environmental Virology, 2013, 5, 203-214.	3.4	24
20	Description of a novel viral tool to identify and quantify ovine faecal pollution in the environment. Science of the Total Environment, 2013, 458-460, 355-360.	8.0	11
21	Effect of temperature and sunlight on the stability of human adenoviruses and MS2 as fecal contaminants on fresh produce surfaces. International Journal of Food Microbiology, 2013, 164, 128-134.	4.7	23
22	Quantification of Human and Animal Viruses to Differentiate the Origin of the Fecal Contamination Present in Environmental Samples. BioMed Research International, 2013, 2013, 1-11.	1.9	56
23	Comparative Inactivation of Murine Norovirus, Human Adenovirus, and Human JC Polyomavirus by Chlorine in Seawater. Applied and Environmental Microbiology, 2012, 78, 6450-6457.	3.1	38
24	A Novel Tool for Specific Detection and Quantification of Chicken/Turkey Parvoviruses To Trace Poultry Fecal Contamination in the Environment. Applied and Environmental Microbiology, 2012, 78, 7496-7499.	3.1	28
25	Standard and new faecal indicators and pathogens in sewage treatment plants, microbiological parameters for improving the control of reclaimed water. Water Science and Technology, 2012, 66, 2517-2523.	2.5	49
26	Multicenter Collaborative Trial Evaluation of a Method for Detection of Human Adenoviruses in Berry Fruit. Food Analytical Methods, 2012, 5, 1-7.	2.6	19
27	Occurrence of water-borne enteric viruses in two settlements based in Eastern Chad: analysis of hepatitis E virus, hepatitis A virus and human adenovirus in water sources. Journal of Water and Health, 2011, 9, 515-524.	2.6	34
28	Analysis of the evolution in the circulation of HAV and HEV in Eastern Spain by testing urban sewage samples. Journal of Water and Health, 2010, 8, 346-354.	2.6	66
29	Newly described human polyomaviruses Merkel Cell, KI and WU are present in urban sewage and may represent potential environmental contaminants. Virology Journal, 2010, 7, 141.	3.4	74
30	Molecular detection of pathogens in water – The pros and cons of molecular techniques. Water Research, 2010, 44, 4325-4339.	11.3	344