

# Anna CarratalÀ

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1646376/publications.pdf>

Version: 2024-02-01

30  
papers

1,472  
citations

304743

22  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2254  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular detection of pathogens in water – The pros and cons of molecular techniques. <i>Water Research</i> , 2010, 44, 4325-4339.	11.3	344
2	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
3	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
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	Newly described human polyomaviruses Merkel Cell, KI and WU are present in urban sewage and may represent potential environmental contaminants. <i>Virology Journal</i> , 2010, 7, 141.	3.4	74
6	Analysis of the evolution in the circulation of HAV and HEV in Eastern Spain by testing urban sewage samples. <i>Journal of Water and Health</i> , 2010, 8, 346-354.	2.6	66
7	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
8	Quantification of Human and Animal Viruses to Differentiate the Origin of the Fecal Contamination Present in Environmental Samples. <i>BioMed Research International</i> , 2013, 2013, 1-11.	1.9	56
9	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
10	Standard and new faecal indicators and pathogens in sewage treatment plants, microbiological parameters for improving the control of reclaimed water. <i>Water Science and Technology</i> , 2012, 66, 2517-2523.	2.5	49
11	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
12	Comparative Inactivation of Murine Norovirus, Human Adenovirus, and Human JC Polyomavirus by Chlorine in Seawater. <i>Applied and Environmental Microbiology</i> , 2012, 78, 6450-6457.	3.1	38
13	Solar Disinfection of Viruses in Polyethylene Terephthalate Bottles. <i>Applied and Environmental Microbiology</i> , 2016, 82, 279-288.	3.1	38
14	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. <i>Journal of Water and Health</i> , 2011, 9, 515-524.	2.6	34
15	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
16	Genetic, Structural, and Phenotypic Properties of MS2 Coliphage with Resistance to $\text{ClO}_2$ Disinfection. <i>Environmental Science &amp; Technology</i> , 2016, 50, 13520-13528.	10.0	34
17	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
18	Resistance of Echovirus 11 to $\text{ClO}_2$ Is Associated with Enhanced Host Receptor Use, Altered Entry Routes, and High Fitness. <i>Environmental Science &amp; Technology</i> , 2017, 51, 10746-10755.	10.0	29

#	ARTICLE	IF	CITATIONS
19	Cross-Resistance of UV- or Chlorine Dioxide-Resistant Echovirus 11 to Other Disinfectants. <i>Frontiers in Microbiology</i> , 2017, 8, 1928.	3.5	29
20	A Novel Tool for Specific Detection and Quantification of Chicken/Turkey Parvoviruses To Trace Poultry Fecal Contamination in the Environment. <i>Applied and Environmental Microbiology</i> , 2012, 78, 7496-7499.	3.1	28
21	Adenovirus and Norovirus Contaminants in Commercially Distributed Shellfish. <i>Food and Environmental Virology</i> , 2014, 6, 31-41.	3.4	27
22	Environmental Effectors on the Inactivation of Human Adenoviruses in Water. <i>Food and Environmental Virology</i> , 2013, 5, 203-214.	3.4	24
23	Effect of temperature and sunlight on the stability of human adenoviruses and MS2 as fecal contaminants on fresh produce surfaces. <i>International Journal of Food Microbiology</i> , 2013, 164, 128-134.	4.7	23
24	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
25	Multicenter Collaborative Trial Evaluation of a Method for Detection of Human Adenoviruses in Berry Fruit. <i>Food Analytical Methods</i> , 2012, 5, 1-7.	2.6	19
26	Adaptation of Human Enterovirus to Warm Environments Leads to Resistance against Chlorine Disinfection. <i>Environmental Science &amp; Technology</i> , 2020, 54, 11292-11300.	10.0	18
27	Population density and water balance influence the global occurrence of hepatitis E epidemics. <i>Scientific Reports</i> , 2019, 9, 10042.	3.3	14
28	Description of a novel viral tool to identify and quantify ovine faecal pollution in the environment. <i>Science of the Total Environment</i> , 2013, 458-460, 355-360.	8.0	11
29	<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
30	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