

Silvia N Monteiro

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

758
citations

567281

15
h-index

552781

26
g-index

31
all docs

31
docs citations

31
times ranked

1258
citing authors

#	ARTICLE	IF	CITATIONS
1	Global phylogeography and ancient evolution of the widespread human gut virus crAssphage. <i>Nature Microbiology</i> , 2019, 4, 1727-1736.	13.3	184
2	Synthesis and bactericide activity of nanofiltration composite membranes “ Cellulose acetate/silver nanoparticles and cellulose acetate/silver ion exchanged zeolites. <i>Water Research</i> , 2019, 149, 225-231.	11.3	61
3	Detection of toxins involved in foodborne diseases caused by Gram-positive bacteria. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 1605-1657.	11.7	51
4	Inactivation of parasite transmission stages: Efficacy of treatments on food of animal origin. <i>Trends in Food Science and Technology</i> , 2019, 83, 114-128.	15.1	50
5	Norovirus, hepatitis A virus and enterovirus presence in shellfish from high quality harvesting areas in Portugal. <i>Food Microbiology</i> , 2011, 28, 936-941.	4.2	48
6	Water safety plan enhancements with improved drinking water quality detection techniques. <i>Science of the Total Environment</i> , 2020, 698, 134185.	8.0	43
7	A wastewater-based epidemiology tool for COVID-19 surveillance in Portugal. <i>Science of the Total Environment</i> , 2022, 804, 150264.	8.0	41
8	Nanofluidic digital PCR for the quantification of Norovirus for water quality assessment. <i>PLoS ONE</i> , 2017, 12, e0179985.	2.5	34
9	Biofouling Inhibition with Grafted E-conea Biocide: Toward a Nonreleasing Eco-Friendly Multiresistant Antifouling Coating. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12-17.	6.7	34
10	Characterization of <i>Enterococcus faecalis</i> -infecting phages (enterophages) as markers of human fecal pollution in recreational waters. <i>Water Research</i> , 2010, 44, 4716-4725.	11.3	29
11	Improving the identification of the source of faecal pollution in water using a modelling approach: From multi-source to aged and diluted samples. <i>Water Research</i> , 2020, 171, 115392.	11.3	24
12	Enzymatic and viability RT-qPCR assays for evaluation of enterovirus, hepatitis A virus and norovirus inactivation: Implications for public health risk assessment. <i>Journal of Applied Microbiology</i> , 2018, 124, 965-976.	3.1	19
13	Bacteriophages Are Good Estimators of Human Viruses Present in Water. <i>Frontiers in Microbiology</i> , 2021, 12, 619495.	3.5	19
14	Discrimination and surveillance of infectious severe acute respiratory syndrome Coronavirus 2 in wastewater using cell culture and RT-qPCR. <i>Science of the Total Environment</i> , 2022, 815, 152914.	8.0	18
15	Evaluation of <i>Enterococcus</i> -infecting phages as indices of fecal pollution. <i>Journal of Water and Health</i> , 2013, 11, 51-63.	2.6	17
16	Development of a novel digital RT-PCR method for detection of human sapovirus in different matrices. <i>Journal of Virological Methods</i> , 2018, 254, 21-24.	2.1	12
17	Evaluation of Legiolert [®] for the Detection of <i>Legionella pneumophila</i> and Comparison with Spread-Plate Culture and qPCR Methods. <i>Current Microbiology</i> , 2021, 78, 1792-1797.	2.2	12
18	Reverse transcription-quantitative PCR assays for genotype-specific detection of human noroviruses in clinical and environmental samples. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 578-585.	4.3	11

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19	Antimicrobial Ceramic Filters for Water Bio-Decontamination. <i>Coatings</i> , 2021, 11, 323.	2.6	11
20	Incidence of enterococci resistant to clinically relevant antibiotics in environmental waters and in reclaimed waters used for irrigation. <i>Journal of Water and Health</i> , 2020, 18, 911-924.	2.6	8
21	Characterization of Stormwater Runoff Based on Microbial Source Tracking Methods. <i>Frontiers in Microbiology</i> , 2021, 12, 674047.	3.5	6
22	Recovery of SARS-CoV-2 from large volumes of raw wastewater is enhanced with the inuvai R180 system. <i>Journal of Environmental Management</i> , 2022, 304, 114296.	7.8	6
23	Characterization of Microbial Communities Associated with Ceramic Raw Materials as Potential Contributors for the Improvement of Ceramic Rheological Properties. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 316.	2.0	5
24	Impact of beef extract used for sample concentration on the detection of <i>Escherichia coli</i> DNA in water samples via qPCR. <i>Journal of Microbiological Methods</i> , 2020, 168, 105786.	1.6	4
25	Elucidation of fecal inputs into the River Tagus catchment (Portugal) using source-specific mitochondrial DNA, HAdV, and phage markers. <i>Science of the Total Environment</i> , 2021, 783, 147086.	8.0	2
26	Brief History of Natural Mineral Water Characterization by LaboratÃ³rio de AnÃ¡lises of Instituto Superior TÃ©cnico - Portugal. <i>Procedia Earth and Planetary Science</i> , 2017, 17, 956-959.	0.6	1
27	Efficiency of PEG secondary concentration and PCR for the simultaneous concentration and quantification of foodborne bacteria, viruses and protozoa. <i>FEMS Microbiology Letters</i> , 2020, 367, .	1.8	0