Silvia N Monteiro

List of Publications by Year
in descending order

27 papers	758 citations	15 h-index	26 g-index
31 all docs	31 docs citations	31 times ranked	1258 citing authors

#	Article	IF	Citations
1	A wastewater-based epidemiology tool for COVID-19 surveillance in Portugal. Science of the Total Environment, 2022, 804, 150264.	8.0	41
2	Recovery of SARS-CoV-2 from large volumes of raw wastewater is enhanced with the inuvai R180 system. Journal of Environmental Management, 2022, 304, 114296.	7.8	6
3	Discrimination and surveillance of infectious severe acute respiratory syndrome Coronavirus 2 in wastewater using cell culture and RT-qPCR. Science of the Total Environment, 2022, 815, 152914.	8.0	18
4	Antimicrobial Ceramic Filters for Water Bio-Decontamination. Coatings, 2021, 11, 323.	2.6	11
5	Evaluation of Legiolertâ„¢ for the Detection of Legionella pneumophila and Comparison with Spread-Plate Culture and qPCR Methods. Current Microbiology, 2021, 78, 1792-1797.	2.2	12
6	Bacteriophages Are Good Estimators of Human Viruses Present in Water. Frontiers in Microbiology, 2021, 12, 619495.	3.5	19
7	Characterization of Stormwater Runoff Based on Microbial Source Tracking Methods. Frontiers in Microbiology, 2021, 12, 674047.	3.5	6
8	Elucidation of fecal inputs into the River Tagus catchment (Portugal) using source-specific mitochondrial DNA, HAdV, and phage markers. Science of the Total Environment, 2021, 783, 147086.	8.0	2
9	Water safety plan enhancements with improved drinking water quality detection techniques. Science of the Total Environment, 2020, 698, 134185.	8.0	43
10	Biofouling Inhibition with Grafted Econea Biocide: Toward a Nonreleasing Eco-Friendly Multiresistant Antifouling Coating. ACS Sustainable Chemistry and Engineering, 2020, 8, 12-17.	6.7	34
11	Improving the identification of the source of faecal pollution in water using a modelling approach: From multi-source to aged and diluted samples. Water Research, 2020, 171, 115392.	11.3	24
12	Impact of beef extract used for sample concentration on the detection of Escherichia coli DNA in water samples via qPCR. Journal of Microbiological Methods, 2020, 168, 105786.	1.6	4
13	Incidence of enterococci resistant to clinically relevant antibiotics in environmental waters and in reclaimed waters used for irrigation. Journal of Water and Health, 2020, 18, 911-924.	2.6	8
14	Efficiency of PEG secondary concentration and PCR for the simultaneous concentration and quantification of foodborne bacteria, viruses and protozoa. FEMS Microbiology Letters, 2020, 367, .	1.8	0
15	Detection of toxins involved in foodborne diseases caused by Gramâ€positive bacteria. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 1605-1657.	11.7	51
16	Global phylogeography and ancient evolution of the widespread human gut virus crAssphage. Nature Microbiology, 2019, 4, 1727-1736.	13.3	184
17	Characterization of Microbial Communities Associated with Ceramic Raw Materials as Potential Contributors for the Improvement of Ceramic Rheological Properties. Minerals (Basel, Switzerland), 2019, 9, 316.	2.0	5
18	Synthesis and bactericide activity of nanofiltration composite membranes â€" Cellulose acetate/silver nanoparticles and cellulose acetate/silver ion exchanged zeolites. Water Research, 2019, 149, 225-231.	11.3	61

#	Article	IF	Citations
19	Inactivation of parasite transmission stages: Efficacy of treatments on food of animal origin. Trends in Food Science and Technology, 2019, 83, 114-128.	15.1	50
20	Development of a novel digital RT-PCR method for detection of human sapovirus in different matrices. Journal of Virological Methods, 2018, 254, 21-24.	2.1	12
21	Reverse transcription-quantitative PCR assays for genotype-specific detection of human noroviruses in clinical and environmental samples. International Journal of Hygiene and Environmental Health, 2018, 221, 578-585.	4.3	11
22	Enzymatic and viability RT-qPCR assays for evaluation of enterovirus, hepatitis A virus and norovirus inactivation: Implications for public health risk assessment. Journal of Applied Microbiology, 2018, 124, 965-976.	3.1	19
23	Brief History of Natural Mineral Water Characterization by Laboratório de Análises of Instituto Superior Técnico - Portugal. Procedia Earth and Planetary Science, 2017, 17, 956-959.	0.6	1
24	Nanofluidic digital PCR for the quantification of Norovirus for water quality assessment. PLoS ONE, 2017, 12, e0179985.	2.5	34
25	Evaluation of Enterococcus-infecting phages as indices of fecal pollution. Journal of Water and Health, 2013, 11, 51-63.	2.6	17
26	Norovirus, hepatitis A virus and enterovirus presence in shellfish from high quality harvesting areas in Portugal. Food Microbiology, 2011, 28, 936-941.	4.2	48
27	Characterization of Enterococcus faecalis-infecting phages (enterophages) as markers of human fecal pollution in recreational waters. Water Research, 2010, 44, 4716-4725.	11.3	29