Ricardo J Santos

List of Publications by Year
in descending order

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34 papers	1,252 citations	471509 17 h-index	414414 32 g-index
40 all docs	40 docs citations	40 times ranked	2056 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	Characterization of Stormwater Runoff Based on Microbial Source Tracking Methods. Frontiers in Microbiology, 2021, 12, 674047.	3.5	6
7	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
8	Estrogenicity of chemical mixtures revealed by a panel of bioassays. Science of the Total Environment, 2021, 785, 147284.	8.0	19
9	Visible light-driven photodegradation of triclosan and antimicrobial activity against Legionella pneumophila with cobalt and nitrogen co-doped TiO2 anatase nanoparticles. Journal of Environmental Chemical Engineering, 2021, 9, 106735.	6.7	14
10	Water safety plan enhancements with improved drinking water quality detection techniques. Science of the Total Environment, 2020, 698, 134185.	8.0	43
11	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
12	Priorities in research on foodborne parasites indicated by short-term scientific missions as part of COST Action a European Network for Foodborne Parasites (Euro-FBP). Experimental Parasitology, 2020, 209, 107813.	1.2	2
13	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
14	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
15	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
16	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
17	Global phylogeography and ancient evolution of the widespread human gut virus crAssphage. Nature Microbiology, 2019, 4, 1727-1736.	13.3	184
18	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

#	Article	IF	Citations
19	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
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 LaboratÃ³rio de AnÃ¡lises of Instituto Superior TÃ©cnico - 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	Extraordinary soluteâ€stress tolerance contributes to the environmental tenacity of mycobacteria. Environmental Microbiology Reports, 2015, 7, 746-764.	2.4	37
26	Is there a common water-activity limit for the three domains of life?. ISME Journal, 2015, 9, 1333-1351.	9.8	229
27	ISFEV 2014: Environmental, Food and Health Impacts of Enteric Viruses. Food and Environmental Virology, 2015, 7, 87-87.	3.4	0
28	Evaluation of Enterococcus-infecting phages as indices of fecal pollution. Journal of Water and Health, 2013, 11, 51-63.	2.6	17
29	Virus hazards from food, water and other contaminated environments. FEMS Microbiology Reviews, 2012, 36, 786-814.	8.6	250
30	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
31	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
32	Mycobacterium parascrofulaceum in Acidic Hot Springs in Yellowstone National Park. Applied and Environmental Microbiology, 2007, 73, 5071-5073.	3.1	27
33	Lymphadenitis Caused by Aerococcus urinae Infection. Scandinavian Journal of Infectious Diseases, 2003, 35, 353-354.	1.5	19
34	Modification of Saccharomyces cerevisiae thermotolerance following rapid exposure to acid stress. International Journal of Food Microbiology, 1998, 42, 225-230.	4.7	17