

Ricardo J Santos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8111921/publications.pdf>

Version: 2024-02-01

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	Virus hazards from food, water and other contaminated environments. <i>FEMS Microbiology Reviews</i> , 2012, 36, 786-814.	8.6	250
2	Is there a common water-activity limit for the three domains of life?. <i>ISME Journal</i> , 2015, 9, 1333-1351.	9.8	229
3	Global phylogeography and ancient evolution of the widespread human gut virus crAssphage. <i>Nature Microbiology</i> , 2019, 4, 1727-1736.	13.3	184
4	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
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	Extraordinary solute stress tolerance contributes to the environmental tenacity of mycobacteria. <i>Environmental Microbiology Reports</i> , 2015, 7, 746-764.	2.4	37
9	Nanofluidic digital PCR for the quantification of Norovirus for water quality assessment. <i>PLoS ONE</i> , 2017, 12, e0179985.	2.5	34
10	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
11	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
12	<i>Mycobacterium parascrofulaceum</i> in Acidic Hot Springs in Yellowstone National Park. <i>Applied and Environmental Microbiology</i> , 2007, 73, 5071-5073.	3.1	27
13	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
14	Lymphadenitis Caused by <i>Aerococcus urinae</i> Infection. <i>Scandinavian Journal of Infectious Diseases</i> , 2003, 35, 353-354.	1.5	19
15	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
16	Estrogenicity of chemical mixtures revealed by a panel of bioassays. <i>Science of the Total Environment</i> , 2021, 785, 147284.	8.0	19
17	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
18	Modification of <i>Saccharomyces cerevisiae</i> thermotolerance following rapid exposure to acid stress. <i>International Journal of Food Microbiology</i> , 1998, 42, 225-230.	4.7	17

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19	Evaluation of Enterococcus-infecting phages as indices of fecal pollution. <i>Journal of Water and Health</i> , 2013, 11, 51-63.	2.6	17
20	Visible light-driven photodegradation of triclosan and antimicrobial activity against <i>Legionella pneumophila</i> with cobalt and nitrogen co-doped TiO ₂ anatase nanoparticles. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106735.	6.7	14
21	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
22	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
23	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
24	Antimicrobial Ceramic Filters for Water Bio-Decontamination. <i>Coatings</i> , 2021, 11, 323.	2.6	11
25	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
26	Characterization of Stormwater Runoff Based on Microbial Source Tracking Methods. <i>Frontiers in Microbiology</i> , 2021, 12, 674047.	3.5	6
27	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
28	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
29	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
30	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). <i>Experimental Parasitology</i> , 2020, 209, 107813.	1.2	2
31	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
32	Brief History of Natural Mineral Water Characterization by Laborat ³ rio de An ¹ lises of Instituto Superior T [©] cnico - Portugal. <i>Procedia Earth and Planetary Science</i> , 2017, 17, 956-959.	0.6	1
33	ISFEV 2014: Environmental, Food and Health Impacts of Enteric Viruses. <i>Food and Environmental Virology</i> , 2015, 7, 87-87.	3.4	0
34	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