VerÃ³nica B Rajal

List of Publications by Year
in descending order

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Version: 2024-02-01

33	917	623734	477307
papers	citations	14 h-index	29 g-index

40	40	40	1208
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. Science of the Total Environment, 2022, 805, 149877.	8.0	153
2	Estimating decay kinetic parameters and persistence of bacteria in water is essential for future modelling. Chemical Engineering Research and Design, 2022, 179, 175-187.	5.6	2
3	Removal of lithium from aqueous solutions using halotolerant bacteria from El Salar del Hombre Muerto. Journal of Environmental Chemical Engineering, 2021, 9, 105099.	6.7	5
4	Amelioration of Saline Stress on Chia (Salvia hispanica L.) Seedlings Inoculated With Halotolerant Plant Growth-Promoting Bacteria Isolated From Hypersaline Environments. Frontiers in Agronomy, 2021, 3, .	3.3	5
5	Halotolerant bacteria isolated from extreme environments induce seed germination and growth of chia (Salvia hispanica L.) and quinoa (Chenopodium quinoa Willd.) under saline stress. Ecotoxicology and Environmental Safety, 2021, 218, 112273.	6.0	12
6	Virtual screening of plant-derived compounds against SARS-CoV-2 viral proteins using computational tools. Science of the Total Environment, 2021, 781, 146400.	8.0	13
7	Genomic characterization and proteomic analysis of the halotolerant Micrococcus luteus SA211 in response to the presence of lithium. Science of the Total Environment, 2021, 785, 147290.	8.0	3
8	Quantification of viable protozoan parasites on leafy greens using molecular methods. Food Microbiology, 2021, 99, 103816.	4.2	11
9	Genetic fingerprint and diversity evaluation of halophilic Bacillus species by RAPD-PCR. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20191430.	0.8	2
10	Sediments quality must be considered when evaluating freshwater aquatic environments used for recreational activities. International Journal of Hygiene and Environmental Health, 2020, 223, 159-170.	4.3	10
11	Rotavirus contamination of surface waters from the northwest of Argentina. Journal of Water and Health, 2020, 18, 409-415.	2.6	7
12	Making waves: Wastewater surveillance of SARS-CoV-2 for population-based health management. Water Research, 2020, 184, 116181.	11.3	138
13	Correlation between initial biodegradability determined by docking studies and structure of alkylbenzene sulfonates: A new tool for intelligent design of environmentally friendly anionic surfactants. Science of the Total Environment, 2020, 728, 138731.	8.0	9
14	Potential of Bioremediation and PGP Traits in Streptomyces as Strategies for Bio-Reclamation of Salt-Affected Soils for Agriculture. Pathogens, 2020, 9, 117.	2.8	24
15	Salar del Hombre Muerto, source of lithium-tolerant bacteria. Environmental Geochemistry and Health, 2019, 41, 529-543.	3.4	20
16	Simultaneous detection of four protozoan parasites on leafy greens using a novel multiplex PCR assay. Food Microbiology, 2019, 84, 103252.	4.2	24
17	Construction of a combined soil quality indicator to assess the effect of glyphosate application. Science of the Total Environment, 2019, 682, 639-649.	8.0	11
18	Data fitting approach more critical than exposure scenarios and treatment of censored data for quantitative microbial risk assessment. Water Research, 2019, 154, 45-53.	11.3	13

#	Article	IF	Citations
19	Electrostatic interactions in virus removal by ultrafiltration membranes. Journal of Environmental Chemical Engineering, 2018, 6, 1314-1321.	6.7	38
20	Stepwise Strategies for the Bioremediation of Contaminated Soils: From the Microbial Isolation to the Final Application. Nanotechnology in the Life Sciences, 2018, , 1-28.	0.6	0
21	Statistical approaches to understanding the impact of matrix composition on the disinfection of water by ultrafiltration. Chemical Engineering Journal, 2017, 316, 305-314.	12.7	12
22	Bio-precipitates produced by two autochthonous boron tolerant Streptomyces strains. Journal of Environmental Chemical Engineering, 2017, 5, 3373-3383.	6.7	7
23	Effect of glyphosate application on soil quality and health under natural and zero tillage field condition. Soil and Environment, 2017, 36, 141-154.	1.1	10
24	How long can culturable bacteria and total DNA persist in environmental waters? The role of sunlight and solid particles. Science of the Total Environment, 2016, 539, 494-502.	8.0	28
25	Spatial and hydrologic variation of Bacteroidales, adenovirus and enterovirus in a semi-arid, wastewater effluent-impacted watershed. Water Research, 2015, 75, 83-94.	11.3	14
26	Plasma deposition of silver nanoparticles on ultrafiltration membranes: Antibacterial and anti-biofouling properties. Chemical Engineering Research and Design, 2015, 94, 524-537.	5.6	39
27	Strategies to optimize monitoring schemes of recreational waters from Salta, Argentina: a multivariate approach. Environmental Monitoring and Assessment, 2014, 186, 8359-8380.	2.7	10
28	Isolation and characterization of indigenous Streptomyces and Lentzea strains from soils containing boron compounds in Argentina. Journal of Basic Microbiology, 2014, 54, 568-577.	3.3	10
29	Increasing capacity for environmental engineering in Salta, Argentina. American Journal of Industrial Medicine, 2013, 56, 11-19.	2.1	9
30	Evaluation of concentration efficiency of the Pseudomonas aeruginosa phage PP7 in various water matrixes by different methods. Environmental Monitoring and Assessment, 2013, 185, 2565-2576.	2.7	18
31	Towards a rational strategy for monitoring of microbiological quality of ambient waters. Science of the Total Environment, 2012, 433, 98-109.	8.0	53
32	Production, partial purification and characterization of Î±-l-rhamnosidase from Penicillium ulaiense. World Journal of Microbiology and Biotechnology, 2009, 25, 1025-1033.	3.6	23
33	Validation of hollow fiber ultrafiltration and real-time PCR using bacteriophage PP7 as surrogate for the quantification of viruses from water samples. Water Research, 2007, 41, 1411-1422.	11.3	154