

# Marcos Quintela-Baluja

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1567300/publications.pdf>

Version: 2024-02-01

28  
papers

1,430  
citations

516710

16  
h-index

501196

28  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2296  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shedding of SARS-CoV-2 in feces and urine and its potential role in person-to-person transmission and the environment-based spread of COVID-19. <i>Science of the Total Environment</i> , 2020, 749, 141364.	8.0	293
2	Making waves: Wastewater-based epidemiology for COVID-19 – approaches and challenges for surveillance and prediction. <i>Water Research</i> , 2020, 186, 116404.	11.3	250
3	Spatial ecology of a wastewater network defines the antibiotic resistance genes in downstream receiving waters. <i>Water Research</i> , 2019, 162, 347-357.	11.3	108
4	Understanding and managing uncertainty and variability for wastewater monitoring beyond the pandemic: Lessons learned from the United Kingdom national COVID-19 surveillance programmes. <i>Journal of Hazardous Materials</i> , 2022, 424, 127456.	12.4	105
5	A conceptual framework for invasion in microbial communities. <i>ISME Journal</i> , 2016, 10, 2773-2779.	9.8	100
6	The Immunology of Mammary Gland of Dairy Ruminants between Healthy and Inflammatory Conditions. <i>Journal of Veterinary Medicine</i> , 2014, 2014, 1-31.	1.6	96
7	A global multinational survey of cefotaxime-resistant coliforms in urban wastewater treatment plants. <i>Environment International</i> , 2020, 144, 106035.	10.0	55
8	Characterization of different food-isolated <i>Enterococcus</i> strains by MALDI-TOF mass fingerprinting. <i>Electrophoresis</i> , 2013, 34, 2240-2250.	2.4	44
9	Genetic discrimination of foodborne pathogenic and spoilage <i>Bacillus</i> spp. based on three housekeeping genes. <i>Food Microbiology</i> , 2015, 46, 288-298.	4.2	41
10	Site Specific Relationships between COVID-19 Cases and SARS-CoV-2 Viral Load in Wastewater Treatment Plant Influent. <i>Environmental Science &amp; Technology</i> , 2021, 55, 15276-15286.	10.0	38
11	Technological Aptitude and Applications of <i>Leuconostoc mesenteroides</i> Bioactive Strains Isolated from Algerian Raw Camel Milk. <i>BioMed Research International</i> , 2013, 2013, 1-14.	1.9	37
12	Mitigation of membrane biofouling in membrane bioreactor treating sewage by novel quorum quenching strain of <i>Acinetobacter</i> originating from a full-scale membrane bioreactor. <i>Bioresource Technology</i> , 2021, 334, 125242.	9.6	28
13	Extended-Spectrum $\beta$ -Lactamase and Carbapenemase Genes are Substantially and Sequentially Reduced during Conveyance and Treatment of Urban Sewage. <i>Environmental Science &amp; Technology</i> , 2021, 55, 5939-5949.	10.0	24
14	Temperature and immigration effects on quorum sensing in the biofilms of anaerobic membrane bioreactors. <i>Journal of Environmental Management</i> , 2021, 293, 112947.	7.8	23
15	The food-water quality nexus in periurban aquacultures downstream of Bangkok, Thailand. <i>Science of the Total Environment</i> , 2019, 695, 133923.	8.0	22
16	Co-digestion of organic and mineral wastes for enhanced biogas production: Reactor performance and evolution of microbial community and function. <i>Waste Management</i> , 2019, 87, 313-325.	7.4	20
17	Divergent Responses of the Diazotrophic Microbiome to Elevated CO <sub>2</sub> in Two Rice Cultivars. <i>Frontiers in Microbiology</i> , 2018, 9, 1139.	3.5	19
18	Discrimination of major and minor streptococci incriminated in bovine mastitis by MALDI-TOF MS fingerprinting and 16S rRNA gene sequencing. <i>Research in Veterinary Science</i> , 2020, 132, 426-438.	1.9	18

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19	Dynamics of integron structures across a wastewater network – Implications to resistance gene transfer. <i>Water Research</i> , 2021, 206, 117720.	11.3	18
20	Evaluation of the extent of spreading of virulence factors and antibiotic resistance in Enterococci isolated from fermented and unfermented foods. <i>Annals of Microbiology</i> , 2016, 66, 577-585.	2.6	14
21	Molecular characterisation and typing the methicillin resistance of <i>Staphylococcus</i> spp. isolated from raw milk and cheeses in northwest Spain: A mini survey. <i>International Dairy Journal</i> , 2019, 89, 68-76.	3.0	12
22	EMBRACE-WATERS statement: Recommendations for reporting of studies on antimicrobial resistance in wastewater and related aquatic environments. <i>One Health</i> , 2021, 13, 100339.	3.4	11
23	Low-Temperature Pretreatment of Organic Feedstocks with Selected Mineral Wastes Sustains Anaerobic Digestion Stability through Trace Metal Release. <i>Environmental Science &amp; Technology</i> , 2020, 54, 9095-9105.	10.0	10
24	Expression of the hybrid bacteriocin Ent35-MccV in <i>Lactococcus lactis</i> and its use for controlling <i>Listeria monocytogenes</i> and <i>Escherichia coli</i> in milk. <i>International Dairy Journal</i> , 2020, 104, 104650.	3.0	8
25	Genomic and Proteomic Characterization of Bacteriocin-Producing <i>Leuconostoc mesenteroides</i> Strains Isolated from Raw Camel Milk in Two Southwest Algerian Arid Zones. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	7
26	The experimental determination of reliable biodegradation rates for mono-aromatics towards evaluating QSBR models. <i>Water Research</i> , 2019, 160, 278-287.	11.3	6
27	Data of metal and microbial analyses from anaerobic co-digestion of organic and mineral wastes. <i>Data in Brief</i> , 2019, 24, 103934.	1.0	5
28	Improved quantitative microbiome profiling for environmental antibiotic resistance surveillance. <i>Environmental Microbiomes</i> , 2021, 16, 21.	5.0	4