

# JosÃ© L Balcazar

## List of Publications by Year in descending order

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Version: 2024-02-01

132  
papers

11,847  
citations

34016

52  
h-index

28224

105  
g-index

135  
all docs

135  
docs citations

135  
times ranked

10678  
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of antibiotics and antibiotic resistance genes in hospital and urban wastewaters and their impact on the receiving river. <i>Water Research</i> , 2015, 69, 234-242.	5.3	1,187
2	The role of probiotics in aquaculture. <i>Veterinary Microbiology</i> , 2006, 114, 173-186.	0.8	996
3	A review on the interactions between gut microbiota and innate immunity of fish: Table 1. <i>FEMS Immunology and Medical Microbiology</i> , 2008, 52, 145-154.	2.7	587
4	The role of aquatic ecosystems as reservoirs of antibiotic resistance. <i>Trends in Microbiology</i> , 2014, 22, 36-41.	3.5	528
5	Host-microbiota interactions within the fish intestinal ecosystem. <i>Mucosal Immunology</i> , 2010, 3, 355-360.	2.7	356
6	Effects of <i>Bacillus subtilis</i> on the growth performance, digestive enzymes, immune gene expression and disease resistance of white shrimp, <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2012, 33, 683-689.	1.6	331
7	Prevalence of Antibiotic Resistance Genes and Bacterial Community Composition in a River Influenced by a Wastewater Treatment Plant. <i>PLoS ONE</i> , 2013, 8, e78906.	1.1	328
8	<i>Lactococcus garvieae</i> in fish: A review. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2006, 29, 177-198.	0.7	321
9	The role of biofilms as environmental reservoirs of antibiotic resistance. <i>Frontiers in Microbiology</i> , 2015, 6, 1216.	1.5	321
10	Exploring the links between antibiotic occurrence, antibiotic resistance, and bacterial communities in water supply reservoirs. <i>Science of the Total Environment</i> , 2013, 456-457, 161-170.	3.9	288
11	Characterization of probiotic properties of lactic acid bacteria isolated from intestinal microbiota of fish. <i>Aquaculture</i> , 2008, 278, 188-191.	1.7	251
12	Enhancement of the immune response and protection induced by probiotic lactic acid bacteria against furunculosis in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>FEMS Immunology and Medical Microbiology</i> , 2007, 51, 185-193.	2.7	221
13	Changes in intestinal microbiota and humoral immune response following probiotic administration in brown trout ( <i>Salmo trutta</i> ). <i>British Journal of Nutrition</i> , 2007, 97, 522-527.	1.2	205
14	Abundance of antibiotics, antibiotic resistance genes and bacterial community composition in wastewater effluents from different Romanian hospitals. <i>Environmental Pollution</i> , 2017, 225, 304-315.	3.7	197
15	Rethinking wastewater risks and monitoring in light of the COVID-19 pandemic. <i>Nature Sustainability</i> , 2020, 3, 981-990.	11.5	195
16	Expression of immune-related genes in rainbow trout ( <i>Oncorhynchus mykiss</i> ) induced by probiotic bacteria during <i>Lactococcus garvieae</i> infection. <i>Fish and Shellfish Immunology</i> , 2011, 31, 196-201.	1.6	193
17	The effect of <i>Pediococcus acidilactici</i> on the gut microbiota and immune status of on-growing red tilapia ( <i>Oreochromis niloticus</i> ). <i>Journal of Applied Microbiology</i> , 2010, 109, 851-862.	1.4	192
18	Effect of the addition of four potential probiotic strains on the survival of pacific white shrimp ( <i>Litopenaeus vannamei</i> ) following immersion challenge with <i>Vibrio parahaemolyticus</i> . <i>Journal of Invertebrate Pathology</i> , 2007, 96, 147-150.	1.5	172

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19	Bacteriophages as Vehicles for Antibiotic Resistance Genes in the Environment. <i>PLoS Pathogens</i> , 2014, 10, e1004219.	2.1	172
20	Biological Approaches for Disease Control in Aquaculture: Advantages, Limitations and Challenges. <i>Trends in Microbiology</i> , 2018, 26, 896-903.	3.5	163
21	Administration of <i>Bacillus subtilis</i> strains in the rearing water enhances the water quality, growth performance, immune response, and resistance against <i>Vibrio harveyi</i> infection in juvenile white shrimp, <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , 2014, 36, 68-74.	1.6	155
22	Probiotics in aquaculture: a current assessment. <i>Reviews in Aquaculture</i> , 2014, 6, 133-146.	4.6	152
23	Occurrence and persistence of antibiotic resistance genes in river biofilms after wastewater inputs in small rivers. <i>Environmental Pollution</i> , 2016, 210, 121-128.	3.7	142
24	In vitro competitive adhesion and production of antagonistic compounds by lactic acid bacteria against fish pathogens. <i>Veterinary Microbiology</i> , 2007, 122, 373-380.	0.8	140
25	Antibiotic resistance in urban and hospital wastewaters and their impact on a receiving freshwater ecosystem. <i>Chemosphere</i> , 2018, 206, 70-82.	4.2	138
26	Inhibitory Activity of Probiotic <i>Bacillus subtilis</i> UTM 126 Against <i>Vibrio</i> Species Confers Protection Against Vibriosis in Juvenile Shrimp ( <i>Litopenaeus vannamei</i> ). <i>Current Microbiology</i> , 2007, 55, 409-412.	1.0	137
27	Protection of rainbow trout ( <i>Oncorhynchus mykiss</i> ) from lactococcosis by probiotic bacteria. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2008, 31, 337-345.	0.7	127
28	Metagenomic analysis reveals that bacteriophages are reservoirs of antibiotic resistance genes. <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 163-167.	1.1	121
29	Bacteriophages as Environmental Reservoirs of Antibiotic Resistance. <i>Trends in Microbiology</i> , 2019, 27, 570-577.	3.5	113
30	Identification and characterization of lactic acid bacteria isolated from rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum), with inhibitory activity against <i>Lactococcus garvieae</i> . <i>Journal of Fish Diseases</i> , 2011, 34, 499-507.	0.9	107
31	Abundance of antibiotic resistance genes in five municipal wastewater treatment plants in the Monastir Governorate, Tunisia. <i>Environmental Pollution</i> , 2016, 219, 353-358.	3.7	107
32	Exploring the contribution of bacteriophages to antibiotic resistance. <i>Environmental Pollution</i> , 2017, 220, 981-984.	3.7	107
33	Contribution of bacteriophage and plasmid DNA to the mobilization of antibiotic resistance genes in a river receiving treated wastewater discharges. <i>Science of the Total Environment</i> , 2017, 601-602, 206-209.	3.9	97
34	Bacteriophages as a reservoir of extended-spectrum $\beta$ -lactamase and fluoroquinolone resistance genes in the environment. <i>Clinical Microbiology and Infection</i> , 2014, 20, O456-O459.	2.8	92
35	Fungal treatment for the removal of antibiotics and antibiotic resistance genes in veterinary hospital wastewater. <i>Chemosphere</i> , 2016, 152, 301-308.	4.2	92
36	Antibiotic resistance along an urban river impacted by treated wastewaters. <i>Science of the Total Environment</i> , 2018, 628-629, 453-466.	3.9	91

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37	Sequencing of variable regions of the 16S rRNA gene for identification of lactic acid bacteria isolated from the intestinal microbiota of healthy salmonids. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2007, 30, 111-118.	0.7	87
38	Characterization of ciprofloxacin-resistant isolates from a wastewater treatment plant and its receiving river. <i>Water Research</i> , 2014, 61, 67-76.	5.3	85
39	Emerging contaminants and nutrients synergistically affect the spread of class 1 integron-integrase ( <i>intI1</i> ) and <i>sul1</i> genes within stable streambed bacterial communities. <i>Water Research</i> , 2018, 138, 77-85.	5.3	82
40	Removal of microbial indicators from municipal wastewater by a membrane bioreactor (MBR). <i>Bioresource Technology</i> , 2011, 102, 5004-5009.	4.8	80
41	Real-Time PCR Assays for Quantification of <i>qnr</i> Genes in Environmental Water Samples and Chicken Feces. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1743-1745.	1.4	75
42	Isolation of <i>Vibrio alginolyticus</i> and <i>Vibrio splendidus</i> from captive-bred seahorses with disease symptoms. <i>Antonie Van Leeuwenhoek</i> , 2010, 97, 207-210.	0.7	74
43	Isolation, characterization and evaluation of probiotic lactic acid bacteria for potential use in animal production. <i>Research in Veterinary Science</i> , 2016, 108, 125-132.	0.9	71
44	Occurrence and persistence of carbapenemases genes in hospital and wastewater treatment plants and propagation in the receiving river. <i>Journal of Hazardous Materials</i> , 2018, 358, 33-43.	6.5	68
45	Health and nutritional properties of probiotics in fish and shellfish. <i>Microbial Ecology in Health and Disease</i> , 2006, 18, 65-70.	3.8	65
46	Effects of garlic-supplemented diet on growth performance and intestinal microbiota of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , 2018, 486, 170-174.	1.7	64
47	<i>Lactococcus lactis</i> subsp. <i>tractae</i> subsp. nov. isolated from the intestinal mucus of brown trout ( <i>Salmo trutta</i> ) and rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 1894-1898.	0.8	62
48	Bacterial community structure in the intestinal ecosystem of rainbow trout ( <i>Oncorhynchus mykiss</i> ) as revealed by pyrosequencing-based analysis of 16S rRNA genes. <i>Research in Veterinary Science</i> , 2015, 100, 8-11.	0.9	62
49	Fate of pharmaceuticals and antibiotic resistance genes in a full-scale on-farm livestock waste treatment plant. <i>Journal of Hazardous Materials</i> , 2019, 378, 120716.	6.5	61
50	Immune modulation by probiotic strains: Quantification of phagocytosis of <i>Aeromonas salmonicida</i> by leukocytes isolated from gut of rainbow trout ( <i>Oncorhynchus mykiss</i> ) using a radiolabelling assay. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2006, 29, 335-343.	0.7	60
51	Abundance of antibiotic resistance genes and bacterial community composition in wild freshwater fish species. <i>Chemosphere</i> , 2018, 196, 115-119.	4.2	59
52	Prevalence of antibiotic-resistant fecal bacteria in a river impacted by both an antibiotic production plant and urban treated discharges. <i>Science of the Total Environment</i> , 2014, 488-489, 220-227.	3.9	58
53	A global multinational survey of cefotaxime-resistant coliforms in urban wastewater treatment plants. <i>Environment International</i> , 2020, 144, 106035.	4.8	55
54	Effect of <i>Lactococcus lactis</i> ; CLFP 100 and <i>Leuconostoc mesenteroides</i> ; CLFP 196 on <i>Aeromonas salmonicida</i> Infection in Brown Trout ( <i>Salmo trutta</i> ). <i>Journal of Molecular Microbiology and Biotechnology</i> , 2009, 17, 153-157.	1.0	50

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55	Abundance of carbapenemase genes (blaKPC, blaNDM and blaOXA-48) in wastewater effluents from Tunisian hospitals. <i>Environmental Pollution</i> , 2017, 229, 371-374.	3.7	49
56	Effect of COD on mainstream anammox: Evaluation of process performance, granule morphology and nitrous oxide production. <i>Science of the Total Environment</i> , 2020, 712, 136372.	3.9	49
57	Quantitative detection of <i>Aeromonas salmonicida</i> in fish tissue by real-time PCR using self-quenched, fluorogenic primers. <i>Journal of Medical Microbiology</i> , 2007, 56, 323-328.	0.7	47
58	Wastewater pollution differently affects the antibiotic resistance gene pool and biofilm bacterial communities across streambed compartments. <i>Molecular Ecology</i> , 2017, 26, 5567-5581.	2.0	47
59	Organochlorine contamination enriches virus-encoded metabolism and pesticide degradation associated auxiliary genes in soil microbiomes. <i>ISME Journal</i> , 2022, 16, 1397-1408.	4.4	45
60	Metagenomic exploration reveals a marked change in the river resistome and mobilome after treated wastewater discharges. <i>Environmental Pollution</i> , 2018, 234, 538-542.	3.7	44
61	Real-time PCR assays for the detection and quantification of carbapenemase genes (bla KPC, bla NDM,) Tj ETQq1 1 0.784314 rgBT /Oyer 6710-6714.	2.7	43
62	Phylogenetic characterization and in situ detection of bacterial communities associated with seahorses ( <i>Hippocampus guttulatus</i> ) in captivity. <i>Systematic and Applied Microbiology</i> , 2010, 33, 71-77.	1.2	39
63	Isolation and Characterization of Cadmium- and Arsenic-Absorbing Bacteria for Bioremediation. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	39
64	Desiccation events change the microbial response to gradients of wastewater effluent pollution. <i>Water Research</i> , 2019, 151, 371-380.	5.3	39
65	Antibiotic resistance genes in bacteriophages from diverse marine habitats. <i>Science of the Total Environment</i> , 2019, 654, 452-455.	3.9	39
66	Probiotics as control agents in aquaculture. <i>Journal of Ocean University of China</i> , 2007, 6, 76-79.	0.6	38
67	Selection and identification of non-pathogenic bacteria isolated from fermented pickles with antagonistic properties against two shrimp pathogens. <i>Journal of Antibiotics</i> , 2012, 65, 289-294.	1.0	38
68	Human exposure assessment to antibiotic-resistant <i>Escherichia coli</i> through drinking water. <i>Science of the Total Environment</i> , 2018, 616-617, 1356-1364.	3.9	37
69	How do bacteriophages promote antibiotic resistance in the environment?. <i>Clinical Microbiology and Infection</i> , 2018, 24, 447-449.	2.8	34
70	Multidrug resistance-encoding plasmid from <i>Aeromonas</i> sp. strain P2GI. <i>Clinical Microbiology and Infection</i> , 2012, 18, E366-E368.	2.8	32
71	Detection and quantification of the plasmid-mediated mcr-1 gene conferring colistin resistance in wastewater. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 734-736.	1.1	32
72	<i>Bacillus galliciensis</i> sp. nov., isolated from faeces of wild seahorses ( <i>Hippocampus guttulatus</i> ). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 892-895.	0.8	31

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73	Use of pyrosequencing to explore the benthic bacterial community structure in a river impacted by wastewater treatment plant discharges. <i>Research in Microbiology</i> , 2014, 165, 468-471.	1.0	30
74	Bacteriophage cocktails as an environmentally-friendly approach to prevent <i>Vibrio parahaemolyticus</i> and <i>Vibrio harveyi</i> infections in brine shrimp ( <i>Artemia franciscana</i> ) production. <i>Aquaculture</i> , 2018, 492, 273-279.	1.7	30
75	Metagenomic analysis of urban wastewater resistome and mobilome: A support for antimicrobial resistance surveillance in an endemic country. <i>Environmental Pollution</i> , 2021, 276, 116736.	3.7	30
76	Nitrification versus full nitrification of ammonium-rich wastewater: Comparison in terms of nitrous and nitric oxides emissions. <i>Bioresource Technology</i> , 2013, 139, 195-202.	4.8	29
77	<i>Aeromonas rivipollensis</i> sp. nov., a novel species isolated from aquatic samples. <i>Journal of Basic Microbiology</i> , 2015, 55, 1435-1439.	1.8	28
78	In vitro assessment of potential probiotic characteristics of indigenous <i>Lactococcus lactis</i> and <i>Weissella oryzae</i> isolates from rainbow trout ( <i>Oncorhynchus mykiss</i> Walbaum). <i>Journal of Applied Microbiology</i> , 2020, 129, 1004-1019.	1.4	27
79	Anaerobic membrane bioreactor for biogas production from concentrated sewage produced during sewer mining. <i>Science of the Total Environment</i> , 2019, 670, 993-1000.	3.9	26
80	Effect of fish farming on the water quality of rivers in northeast Spain. <i>Water Science and Technology</i> , 2009, 60, 663-671.	1.2	24
81	Implications of bacteriophages on the acquisition and spread of antibiotic resistance in the environment. <i>International Microbiology</i> , 2020, 23, 475-479.	1.1	24
82	Antimicrobial Resistance and Bacteriophages: An Overlooked Intersection in Water Disinfection. <i>Trends in Microbiology</i> , 2021, 29, 517-527.	3.5	24
83	<i>Mycobacterium hippocampi</i> sp. nov., a Rapidly Growing Scotochromogenic Species Isolated from a Seahorse with Tail Rot. <i>Current Microbiology</i> , 2014, 69, 329-333.	1.0	23
84	Isolation and characterization of bacteria with antibacterial properties from Nile tilapia ( <i>Oreochromis niloticus</i> ). <i>Research in Veterinary Science</i> , 2016, 105, 62-64.	0.9	22
85	Assessment of microbial dynamics and antioxidant enzyme gene expression following probiotic administration in farmed Pacific white shrimp ( <i>Litopenaeus vannamei</i> ). <i>Aquaculture</i> , 2020, 519, 734907.	1.7	22
86	Safety and efficacy of an inactivated vaccine against <i>Lactococcus garvieae</i> in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Preventive Veterinary Medicine</i> , 2007, 80, 222-229.	0.7	20
87	Effect of a novel postbiotic containing lactic acid bacteria on the intestinal microbiota and disease resistance of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Biotechnology Letters</i> , 2020, 42, 1957-1962.	1.1	20
88	Administration of Probiotics Improves the Brine Shrimp Production and Prevents Detrimental Effects of Pathogenic <i>Vibrio</i> Species. <i>Marine Biotechnology</i> , 2018, 20, 512-519.	1.1	17
89	Effect of rice bran fermented with <i>Bacillus</i> and <i>Lysinibacillus</i> species on dynamic microbial activity of Pacific white shrimp ( <i>Penaeus vannamei</i> ). <i>Aquaculture</i> , 2021, 531, 735958.	1.7	17
90	<i>Vibrio hippocampi</i> sp. nov., a new species isolated from wild seahorses ( <i>Hippocampus guttulatus</i> ). <i>FEMS Microbiology Letters</i> , 2010, 307, 30-34.	0.7	16

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91	Effect of Urban Wastewater Discharge on the Abundance of Antibiotic Resistance Genes and Antibiotic-Resistant <i>Escherichia coli</i> in Two Italian Rivers. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6813.	1.2	16
92	Changes in intestinal microbiota and disease resistance following dietary postbiotic supplementation in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Microbial Pathogenesis</i> , 2020, 142, 104060.	1.3	16
93	Identification and characterization of bacteria with antibacterial activities isolated from seahorses ( <i>Hippocampus guttulatus</i> ). <i>Journal of Antibiotics</i> , 2010, 63, 271-274.	1.0	14
94	<i>Oceanibacterium hippocampi</i> gen. nov., sp. nov., isolated from cutaneous mucus of wild seahorses ( <i>Hippocampus guttulatus</i> ). <i>Antonie Van Leeuwenhoek</i> , 2012, 102, 187-191.	0.7	14
95	Assessing the occurrence of pharmaceuticals and antibiotic resistance genes during the anaerobic treatment of slaughterhouse wastewater at different temperatures. <i>Science of the Total Environment</i> , 2021, 789, 147910.	3.9	14
96	Cytotoxic effects of seven Tunisian hospital wastewaters on the proliferation of human breast cancer cell line MDA-231: correlation with their chemical characterization. <i>Environmental Science and Pollution Research</i> , 2017, 24, 20422-20428.	2.7	13
97	Growth inhibition of <i>Aeromonas</i> species by lactic acid bacteria isolated from salmonids. <i>Microbial Ecology in Health and Disease</i> , 2006, 18, 61-63.	3.8	12
98	Effects of subinhibitory ciprofloxacin concentrations on the abundance of <i>qnrS</i> and composition of bacterial communities from water supply reservoirs. <i>Chemosphere</i> , 2016, 161, 470-474.	4.2	12
99	Use of bacteriophage $\nu$ B_Pd_PDCC41 as biological control agent of <i>Photobacterium damsela</i> subsp. <i>damsela</i> during hatching of longfin yellowtail ( <i>Seriola rivoliana</i> ) eggs. <i>Journal of Applied Microbiology</i> , 2020, 129, 1497-1510.	1.4	12
100	Quantitative analysis of bacterial adhesion to fish tissue. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 71, 331-333.	2.5	11
101	Novel <i>Mycobacterium</i> Species in Seahorses with Tail Rot. <i>Emerging Infectious Diseases</i> , 2011, 17, 1770-1772.	2.0	11
102	<i>Vibrio inhibens</i> sp. nov., a novel bacterium with inhibitory activity against <i>Vibrio</i> species. <i>Journal of Antibiotics</i> , 2012, 65, 301-305.	1.0	11
103	Accumulation and depletion kinetics of erythromycin in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Preventive Veterinary Medicine</i> , 2012, 105, 160-163.	0.7	10
104	Proliferation, colonization, and detrimental effects of <i>Vibrio parahaemolyticus</i> and <i>Vibrio harveyi</i> during brine shrimp hatching. <i>Aquaculture</i> , 2013, 406-407, 85-90.	1.7	9
105	Phylogenetic analysis of intestinal microbiota reveals novel <i>Mycoplasma</i> phylotypes in salmonid species. <i>Microbial Pathogenesis</i> , 2020, 145, 104210.	1.3	9
106	Enhancing biogas production from the anaerobic treatment of municipal wastewater by forward osmosis pretreatment. <i>Journal of Cleaner Production</i> , 2021, 315, 128140.	4.6	9
107	Anaerobic treatment of swine manure under mesophilic and thermophilic temperatures: Fate of veterinary drugs and resistance genes. <i>Science of the Total Environment</i> , 2022, 818, 151697.	3.9	9
108	Occurrence of veterinary drugs and resistance genes during anaerobic digestion of poultry and cattle manures. <i>Science of the Total Environment</i> , 2022, 822, 153477.	3.9	8

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109	Exposure to a Subinhibitory Sulfonamide Concentration Promotes the Spread of Antibiotic Resistance in Marine Blue Mussels ( <i>Mytilus edulis</i> ). Environmental Science and Technology Letters, 2019, 6, 211-215.	3.9	7
110	Isolation and characterization of novel bacteriophages as a potential therapeutic option for Escherichia coli urinary tract infections. Applied Microbiology and Biotechnology, 2021, 105, 5617-5629.	1.7	7
111	Characterization of the genetic structure of mcr-1 gene among Escherichia coli isolates recovered from surface waters and sediments from Ecuador. Science of the Total Environment, 2022, 806, 150566.	3.9	7
112	Antibiotic Resistance in the Aquatic Environment. Comprehensive Analytical Chemistry, 2013, 62, 671-684.	0.7	6
113	Identification and characterization of class 1 integrons among multidrug-resistant uropathogenic Escherichia coli strains in Mexico. Microbial Pathogenesis, 2021, 162, 105348.	1.3	6
114	High-throughput sequencing-based analysis of bacterial communities associated with Barbour's seahorses ( <i>Hippocampus barbouri</i> ) from Surigao del Norte, Philippines. Letters in Applied Microbiology, 2021, 73, 280-285.	1.0	5
115	Genome analysis of a new Escherichia phage vB_EcoM_C2-3 with lytic activity against multidrug-resistant Escherichia coli. Virus Research, 2022, 307, 198623.	1.1	5
116	Detection and identification of antibiotic biosynthesis genes in Bacillus subtilis strains. Biocontrol Science and Technology, 2014, 24, 233-240.	0.5	4
117	Effect of Ciliates in Transfer of Plasmid-Mediated Quinolone-Resistance Genes in Bacteria. Emerging Infectious Diseases, 2015, 21, 547-549.	2.0	4
118	Assessment of bacteriophage vB_Pd_PDCC-1 on bacterial dynamics during ontogenetic development of the longfin yellowtail (Seriola rivoliana). Applied Microbiology and Biotechnology, 2021, 105, 2877-2887.	1.7	4
119	Bacteriophage cocktail as a promising bio-enhancer for methanogenic activities in anaerobic membrane bioreactors. Science of the Total Environment, 2022, 832, 154716.	3.9	4
120	Probiotics in health maintenance: do they really work?. British Journal of Infection Control, 2007, 8, 26-29.	0.4	3
121	Side effects of free nitrous acid on the sewer resistome and mobilome. Chemical Engineering Journal, 2021, 405, 126657.	6.6	3
122	Isolation of <i>Salmonella</i> spp. from black spiny-tailed iguana ( <i>Ctenosaura similis</i> ) meat commercialised in markets of León city, Nicaragua. Veterinary Medicine and Science, 2022, 8, 695-699.	0.6	3
123	Antimicrobial effect of <i>Moringa oleifera</i> seed powder against <i>Vibrio cholerae</i> isolated from the rearing water of shrimp ( <i>Penaeus vannamei</i> ) postlarvae. Letters in Applied Microbiology, 2022, 74, 238-246.	1.0	3
124	Phage therapy for urinary tract infections: does it really work?. International Microbiology, 2022, , 1.	1.1	3
125	Impact of nitrate addition on the resistome and mobilome from a full-scale sewer. Chemical Engineering Journal, 2022, 439, 135653.	6.6	3
126	Water safety screening via multiplex LAMP-Au-nanoprobe integrated approach. Science of the Total Environment, 2020, 741, 140447.	3.9	2



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127	Effect of a multi-citrus extract-based feed additive on the survival of rainbow trout ( <i>Oncorhynchus</i> ) Tj ETQq1 1 0.784314 rgBJ /Overl	0.5	0
128	Genomic characterization of two bacteriophages (vB_EcoS-phiEc3 and vB_EcoS-phiEc4) belonging to the genus Kagunavirus with lytic activity against uropathogenic <i>Escherichia coli</i> . <i>Microbial Pathogenesis</i> , 2022, 165, 105494.	1.3	2
129	Effect of a postbiotic on the histopathological features and expression levels of immune-related genes in farmed rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Aquaculture Research</i> , 2021, 52, 5882-5885.	0.9	1
130	Identificación de bacterias patógenas en peces capturados en el Pacífico frente a Nicaragua. <i>Ciencias Marinas</i> , 2021, 47, .	0.4	1
131	Making waves: How does the emergence of antimicrobial resistance affect policymaking?. <i>Water Research</i> , 2021, 206, 117772.	5.3	1
132	Fish and Shellfish Pathogens. <i>Journal of Applied Microbiology</i> , 2020, 129, 2-2.	1.4	0