

Jos L Balczar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

130
papers

8,372
citations

45
h-index

90
g-index

134
ext. papers

10,202
ext. citations

6.6
avg, IF

6.48
L-index

#	Paper	IF	Citations
130	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	12.5	844
129	The role of probiotics in aquaculture. <i>Veterinary Microbiology</i> , 2006 , 114, 173-86	3.3	805
128	A review on the interactions between gut microbiota and innate immunity of fish. <i>FEMS Immunology and Medical Microbiology</i> , 2008 , 52, 145-54		417
127	The role of aquatic ecosystems as reservoirs of antibiotic resistance. <i>Trends in Microbiology</i> , 2014 , 22, 36-41	12.4	382
126	Lactococcus garvieae in fish: a review. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2006 , 29, 177-98	2.6	244
125	Effects of Bacillus subtilis on the growth performance, digestive enzymes, immune gene expression and disease resistance of white shrimp, Litopenaeus vannamei. <i>Fish and Shellfish Immunology</i> , 2012 , 33, 683-9	4.3	243
124	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	3.7	239
123	Host-microbiota interactions within the fish intestinal ecosystem. <i>Mucosal Immunology</i> , 2010 , 3, 355-60	9.2	230
122	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, 161-70	10.2	221
121	Characterization of probiotic properties of lactic acid bacteria isolated from intestinal microbiota of fish. <i>Aquaculture</i> , 2008 , 278, 188-191	4.4	213
120	The role of biofilms as environmental reservoirs of antibiotic resistance. <i>Frontiers in Microbiology</i> , 2015 , 6, 1216	5.7	207
119	Changes in intestinal microbiota and humoral immune response following probiotic administration in brown trout (Salmo trutta). <i>British Journal of Nutrition</i> , 2007 , 97, 522-7	3.6	175
118	Enhancement of the immune response and protection induced by probiotic lactic acid bacteria against furunculosis in rainbow trout (Oncorhynchus mykiss). <i>FEMS Immunology and Medical Microbiology</i> , 2007 , 51, 185-93		172
117	Expression of immune-related genes in rainbow trout (Oncorhynchus mykiss) induced by probiotic bacteria during Lactococcus garvieae infection. <i>Fish and Shellfish Immunology</i> , 2011 , 31, 196-201	4.3	154
116	The effect of Pediococcus acidilactici on the gut microbiota and immune status of on-growing red tilapia (Oreochromis niloticus). <i>Journal of Applied Microbiology</i> , 2010 , 109, 851-62	4.7	150
115	Effect of the addition of four potential probiotic strains on the survival of pacific white shrimp (Litopenaeus vannamei) following immersion challenge with Vibrio parahaemolyticus. <i>Journal of Invertebrate Pathology</i> , 2007 , 96, 147-50	2.6	144
114	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	9.3	141

113	Bacteriophages as vehicles for antibiotic resistance genes in the environment. <i>PLoS Pathogens</i> , 2014 , 10, e1004219	7.6	130
112	Inhibitory activity of probiotic <i>Bacillus subtilis</i> UTM 126 against vibrio species confers protection against vibriosis in juvenile shrimp (<i>Litopenaeus vannamei</i>). <i>Current Microbiology</i> , 2007 , 55, 409-12	2.4	113
111	Rethinking wastewater risks and monitoring in light of the COVID-19 pandemic. <i>Nature Sustainability</i> , 2020 , 3, 981-990	22.1	111
110	In vitro competitive adhesion and production of antagonistic compounds by lactic acid bacteria against fish pathogens. <i>Veterinary Microbiology</i> , 2007 , 122, 373-80	3.3	107
109	Occurrence and persistence of antibiotic resistance genes in river biofilms after wastewater inputs in small rivers. <i>Environmental Pollution</i> , 2016 , 210, 121-8	9.3	106
108	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	4.3	106
107	Protection of rainbow trout (<i>Oncorhynchus mykiss</i>) from lactococcosis by probiotic bacteria. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2008 , 31, 337-45	2.6	103
106	Probiotics in aquaculture: a current assessment. <i>Reviews in Aquaculture</i> , 2014 , 6, 133-146	8.9	101
105	Metagenomic analysis reveals that bacteriophages are reservoirs of antibiotic resistance genes. <i>International Journal of Antimicrobial Agents</i> , 2016 , 48, 163-7	14.3	89
104	Exploring the contribution of bacteriophages to antibiotic resistance. <i>Environmental Pollution</i> , 2017 , 220, 981-984	9.3	81
103	Bacteriophages as a reservoir of extended-spectrum β -lactamase and fluoroquinolone resistance genes in the environment. <i>Clinical Microbiology and Infection</i> , 2014 , 20, O456-9	9.5	77
102	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	2.6	77
101	Antibiotic resistance in urban and hospital wastewaters and their impact on a receiving freshwater ecosystem. <i>Chemosphere</i> , 2018 , 206, 70-82	8.4	76
100	Biological Approaches for Disease Control in Aquaculture: Advantages, Limitations and Challenges. <i>Trends in Microbiology</i> , 2018 , 26, 896-903	12.4	76
99	Removal of microbial indicators from municipal wastewater by a membrane bioreactor (MBR). <i>Bioresource Technology</i> , 2011 , 102, 5004-9	11	72
98	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, 111-8	2.6	72
97	Abundance of antibiotic resistance genes in five municipal wastewater treatment plants in the Monastir Governorate, Tunisia. <i>Environmental Pollution</i> , 2016 , 219, 353-358	9.3	69
96	Bacteriophages as Environmental Reservoirs of Antibiotic Resistance. <i>Trends in Microbiology</i> , 2019 , 27, 570-577	12.4	63

95	Characterization of ciprofloxacin-resistant isolates from a wastewater treatment plant and its receiving river. <i>Water Research</i> , 2014 , 61, 67-76	12.5	63
94	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, 207-10	2.1	60
93	Fungal treatment for the removal of antibiotics and antibiotic resistance genes in veterinary hospital wastewater. <i>Chemosphere</i> , 2016 , 152, 301-8	8.4	59
92	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	10.2	58
91	Real-Time PCR assays for quantification of qnr genes in environmental water samples and chicken feces. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 1743-5	4.8	56
90	Antibiotic resistance along an urban river impacted by treated wastewaters. <i>Science of the Total Environment</i> , 2018 , 628-629, 453-466	10.2	55
89	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, 220-7	10.2	51
88	Health and nutritional properties of probiotics in fish and shellfish. <i>Microbial Ecology in Health and Disease</i> , 2006 , 18, 65-70		51
87	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, 335-43	2.6	49
86	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	2.5	45
85	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	4.4	45
84	Emerging contaminants and nutrients synergistically affect the spread of class 1 integron-integrase (<i>intl1</i>) and <i>sul1</i> genes within stable streambed bacterial communities. <i>Water Research</i> , 2018 , 138, 77-85	12.5	44
83	<i>Lactococcus lactis</i> subsp. <i>truttae</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	2.2	44
82	Isolation, characterization and evaluation of probiotic lactic acid bacteria for potential use in animal production. <i>Research in Veterinary Science</i> , 2016 , 108, 125-32	2.5	41
81	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	12.8	41
80	Abundance of antibiotic resistance genes and bacterial community composition in wild freshwater fish species. <i>Chemosphere</i> , 2018 , 196, 115-119	8.4	39
79	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, 153-7	0.9	39
78	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, 71-7	4.2	36

77	Wastewater pollution differently affects the antibiotic resistance gene pool and biofilm bacterial communities across streambed compartments. <i>Molecular Ecology</i> , 2017 , 26, 5567-5581	5.7	35
76	Real-time PCR assays for the detection and quantification of carbapenemase genes (bla _{KPC} , bla _{NDM} , and bla _{OXA}) in environmental samples. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 6710-6714	5.1	32
75	Abundance of carbapenemase genes (bla _{KPC} , bla _{NDM} and bla _{OXA}) in wastewater effluents from Tunisian hospitals. <i>Environmental Pollution</i> , 2017 , 229, 371-374	9.3	32
74	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	12.8	32
73	Metagenomic exploration reveals a marked change in the river resistome and mobilome after treated wastewater discharges. <i>Environmental Pollution</i> , 2018 , 234, 538-542	9.3	32
72	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	3.2	32
71	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	10.2	29
70	Isolation and Characterization of Cadmium- and Arsenic-Absorbing Bacteria for Bioremediation. <i>Water, Air, and Soil Pollution</i> , 2014 , 225, 1	2.6	27
69	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	14.3	26
68	Multidrug resistance-encoding plasmid from <i>Aeromonas</i> sp. strain P2G1. <i>Clinical Microbiology and Infection</i> , 2012 , 18, E366-8	9.5	25
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, 289-94	3.7	24
66	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, 468-71	4	23
65	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	11	23
64	Probiotics as control agents in aquaculture. <i>Journal of Ocean University of China</i> , 2007 , 6, 76-79	1	23
63	Antibiotic resistance genes in bacteriophages from diverse marine habitats. <i>Science of the Total Environment</i> , 2019 , 654, 452-455	10.2	23
62	<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	2.2	22
61	How do bacteriophages promote antibiotic resistance in the environment?. <i>Clinical Microbiology and Infection</i> , 2018 , 24, 447-449	9.5	21
60	Desiccation events change the microbial response to gradients of wastewater effluent pollution. <i>Water Research</i> , 2019 , 151, 371-380	12.5	21

59	Indigenous Lactic Acid Bacteria in Fish and Crustaceans	128-168	21
58	<i>Aeromonas rivipollensis</i> sp. nov., a novel species isolated from aquatic samples. <i>Journal of Basic Microbiology</i> , 2015 , 55, 1435-9		2.7 20
57	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		10.2 19
56	A global multinational survey of cefotaxime-resistant coliforms in urban wastewater treatment plants. <i>Environment International</i> , 2020 , 144, 106035		12.9 17
55	Isolation and characterization of bacteria with antibacterial properties from Nile tilapia (<i>Oreochromis niloticus</i>). <i>Research in Veterinary Science</i> , 2016 , 105, 62-4		2.5 16
54	Anaerobic membrane bioreactor for biogas production from concentrated sewage produced during sewer mining. <i>Science of the Total Environment</i> , 2019 , 670, 993-1000		10.2 15
53	Implications of bacteriophages on the acquisition and spread of antibiotic resistance in the environment. <i>International Microbiology</i> , 2020 , 23, 475-479		3 15
52	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		4.4 15
51	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, 222-9		3.1 15
50	Effect of fish farming on the water quality of rivers in northeast Spain. <i>Water Science and Technology</i> , 2009 , 60, 663-71		2.2 13
49	Identification and characterization of bacteria with antibacterial activities isolated from seahorses (<i>Hippocampus guttulatus</i>). <i>Journal of Antibiotics</i> , 2010 , 63, 271-4		3.7 12
48	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		4.4 12
47	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		4.7 12
46	<i>Vibrio hippocampi</i> sp. nov., a new species isolated from wild seahorses (<i>Hippocampus guttulatus</i>). <i>FEMS Microbiology Letters</i> , 2010 , 307, 30-4		2.9 11
45	Antimicrobial Resistance and Bacteriophages: An Overlooked Intersection in Water Disinfection. <i>Trends in Microbiology</i> , 2021 , 29, 517-527		12.4 11
44	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		3.4 10
43	<i>Mycobacterium hippocampi</i> sp. nov., a rapidly growing scotochromogenic species isolated from a seahorse with tail rot. <i>Current Microbiology</i> , 2014 , 69, 329-33		2.4 10
42	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		3 10

41	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	5.1	9
40	Quantitative analysis of bacterial adhesion to fish tissue. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009 , 71, 331-3	6	9
39	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		9
38	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	3.8	8
37	Effects of subinhibitory ciprofloxacin concentrations on the abundance of qnrS and composition of bacterial communities from water supply reservoirs. <i>Chemosphere</i> , 2016 , 161, 470-474	8.4	8
36	Accumulation and depletion kinetics of erythromycin in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Preventive Veterinary Medicine</i> , 2012 , 105, 160-3	3.1	8
35	Novel mycobacterium species in seahorses with tail rot. <i>Emerging Infectious Diseases</i> , 2011 , 17, 1770-2	10.2	8
34	Probiotic Applications in Cold Water Fish Species 2014 , 223-252		7
33	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	4.4	7
32	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	10.2	7
31	Use of bacteriophage vB_Pd_PDCC-1 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	4.7	6
30	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	4.4	6
29	<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, 187-91	2.1	6
28	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	9.3	6
27	<i>Vibrio inhibens</i> sp. nov., a novel bacterium with inhibitory activity against <i>Vibrio</i> species. <i>Journal of Antibiotics</i> , 2012 , 65, 301-5	3.7	5
26	Effect of Urban Wastewater Discharge on the Abundance of Antibiotic Resistance Genes and Antibiotic-Resistant in Two Italian Rivers. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	5
25	Exposure to a Subinhibitory Sulfonamide Concentration Promotes the Spread of Antibiotic Resistance in Marine Blue Mussels (<i>Mytilus edulis</i>). <i>Environmental Science and Technology Letters</i> , 2019 , 6, 211-215	11	4
24	Effect of ciliates in transfer of plasmid-mediated quinolone-resistance genes in bacteria. <i>Emerging Infectious Diseases</i> , 2015 , 21, 547-9	10.2	4

23	Antibiotic Resistance in the Aquatic Environment. <i>Comprehensive Analytical Chemistry</i> , 2013 , 62, 671-684.	1.9	4
22	Detection and identification of antibiotic biosynthesis genes in <i>Bacillus subtilis</i> strains. <i>Biocontrol Science and Technology</i> , 2014 , 24, 233-240	1.7	3
21	Side effects of free nitrous acid on the sewer resistome and mobilome. <i>Chemical Engineering Journal</i> , 2021 , 405, 126657	14.7	3
20	Isolation and characterization of novel bacteriophages as a potential therapeutic option for <i>Escherichia coli</i> urinary tract infections. <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 5617-5629	5.7	3
19	Probiotics in health maintenance: do they really work?. <i>British Journal of Infection Control</i> , 2007 , 8, 26-29		2
18	Phylogenetic analysis of intestinal microbiota reveals novel <i>Mycoplasma</i> phylotypes in salmonid species. <i>Microbial Pathogenesis</i> , 2020 , 145, 104210	3.8	2
17	Enhancing biogas production from the anaerobic treatment of municipal wastewater by forward osmosis pretreatment. <i>Journal of Cleaner Production</i> , 2021 , 315, 128140	10.3	2
16	Characterization of the genetic structure of <i>mcr-1</i> gene among <i>Escherichia coli</i> isolates recovered from surface waters and sediments from Ecuador. <i>Science of the Total Environment</i> , 2022 , 806, 150566	10.2	2
15	Effect of a multi-citrus extract-based feed additive on the survival of rainbow trout (<i>Oncorhynchus mykiss</i>) following challenge with <i>Lactococcus garvieae</i> . <i>Acta Veterinaria Scandinavica</i> , 2020 , 62, 38	2	1
14	Genome analysis of a new <i>Escherichia</i> phage ν B_EcoM_C2-3 with lytic activity against multidrug-resistant <i>Escherichia coli</i> . <i>Virus Research</i> , 2022 , 307, 198623	6.4	1
13	Isolation of <i>Salmonella</i> spp. from black spiny-tailed iguana (<i>Ctenosaura similis</i>) meat commercialised in markets of León city, Nicaragua. <i>Veterinary Medicine and Science</i> , 2021 ,	2.1	1
12	Assessment of bacteriophage ν B_Pd_PDCC-1 on bacterial dynamics during ontogenetic development of the longfin yellowtail (<i>Seriola rivoliana</i>). <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 2877-2887	5.7	1
11	High-throughput sequencing-based analysis of bacterial communities associated with Barbour's seahorses (<i>Hippocampus barbouri</i>) from Surigao del Norte, Philippines. <i>Letters in Applied Microbiology</i> , 2021 , 73, 280-285	2.9	1
10	Genomic characterization of two bacteriophages (ν B_EcoS-phiEc3 and ν B_EcoS-phiEc4) belonging to the genus Kagunavirus with lytic activity against uropathogenic <i>Escherichia coli</i> . <i>Microbial Pathogenesis</i> , 2022 , 105494	3.8	1
9	Water safety screening via multiplex LAMP-Au-nanoprobe integrated approach. <i>Science of the Total Environment</i> , 2020 , 741, 140447	10.2	0
8	Occurrence of veterinary drugs and resistance genes during anaerobic digestion of poultry and cattle manures. <i>Science of the Total Environment</i> , 2022 , 153477	10.2	0
7	Anaerobic treatment of swine manure under mesophilic and thermophilic temperatures: Fate of veterinary drugs and resistance genes. <i>Science of the Total Environment</i> , 2021 , 151697	10.2	0
6	Identification and characterization of class 1 integrons among multidrug-resistant uropathogenic <i>Escherichia coli</i> strains in Mexico. <i>Microbial Pathogenesis</i> , 2021 , 162, 105348	3.8	0

5	Impact of nitrate addition on the resistome and mobilome from a full-scale sewer. <i>Chemical Engineering Journal</i> , 2022 , 439, 135653	14.7	o
4	Phage therapy for urinary tract infections: does it really work?. <i>International Microbiology</i> , 2022 , 1	3	
3	Making waves: How does the emergence of antimicrobial resistance affect policymaking?. <i>Water Research</i> , 2021 , 206, 117772	12.5	
2	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> ,	1.9	
1	Bacteriophage cocktail as a promising bio-enhancer for methanogenic activities in anaerobic membrane bioreactors.. <i>Science of the Total Environment</i> , 2022 , 154716	10.2	