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List of Publications by Year
in descending order

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Version: 2024-02-01

		81434	75989
78	8,908	41	78
papers	citations	h-index	g-index

80	80	80	9308
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Occurrence of veterinary drugs and resistance genes during anaerobic digestion of poultry and cattle manures. Science of the Total Environment, 2022, 822, 153477.	3.9	8
2	Impact of nitrate addition on the resistome and mobilome from a full-scale sewer. Chemical Engineering Journal, 2022, 439, 135653.	6.6	3
3	Side effects of free nitrous acid on the sewer resistome and mobilome. Chemical Engineering Journal, 2021, 405, 126657.	6.6	3
4	Effect of a postbiotic on the histopathological features and expression levels of immuneâ€related genes in farmed rainbow trout (Oncorhynchus mykiss). Aquaculture Research, 2021, 52, 5882-5885.	0.9	1
5	Antimicrobial Resistance and Bacteriophages: An Overlooked Intersection in Water Disinfection. Trends in Microbiology, 2021, 29, 517-527.	3.5	24
6	Enhancing biogas production from the anaerobic treatment of municipal wastewater by forward osmosis pretreatment. Journal of Cleaner Production, 2021, 315, 128140.	4.6	9
7	Effect of Urban Wastewater Discharge on the Abundance of Antibiotic Resistance Genes and Antibiotic-Resistant Escherichia coli in Two Italian Rivers. International Journal of Environmental Research and Public Health, 2020, 17, 6813.	1.2	16
8	Water safety screening via multiplex LAMP-Au-nanoprobe integrated approach. Science of the Total Environment, 2020, 741, 140447.	3.9	2
9	Effect of a multi-citrus extract-based feed additive on the survival of rainbow trout (Oncorhynchus) Tj ETQq1 1 0.784314 rgBT /Overlock	0.5	2
10	Changes in intestinal microbiota and disease resistance following dietary postbiotic supplementation in rainbow trout (Oncorhynchus mykiss). Microbial Pathogenesis, 2020, 142, 104060.	1.3	16
11	Implications of bacteriophages on the acquisition and spread of antibiotic resistance in the environment. International Microbiology, 2020, 23, 475-479.	1.1	24
12	Phylogenetic analysis of intestinal microbiota reveals novel Mycoplasma phylotypes in salmonid species. Microbial Pathogenesis, 2020, 145, 104210.	1.3	9
13	Effect of a novel postbiotic containing lactic acid bacteria on the intestinal microbiota and disease resistance of rainbow trout (Oncorhynchus mykiss). Biotechnology Letters, 2020, 42, 1957-1962.	1.1	20
14	Fate of pharmaceuticals and antibiotic resistance genes in a full-scale on-farm livestock waste treatment plant. Journal of Hazardous Materials, 2019, 378, 120716.	6.5	61
15	Exposure to a Subinhibitory Sulfonamide Concentration Promotes the Spread of Antibiotic Resistance in Marine Blue Mussels (Mytilus edulis). Environmental Science and Technology Letters, 2019, 6, 211-215.	3.9	7
16	Bacteriophages as Environmental Reservoirs of Antibiotic Resistance. Trends in Microbiology, 2019, 27, 570-577.	3.5	113
17	Desiccation events change the microbial response to gradients of wastewater effluent pollution. Water Research, 2019, 151, 371-380.	5.3	39
18	Antibiotic resistance genes in bacteriophages from diverse marine habitats. Science of the Total Environment, 2019, 654, 452-455.	3.9	39

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19	Antibiotic resistance along an urban river impacted by treated wastewaters. Science of the Total Environment, 2018, 628-629, 453-466.	3.9	91
20	Abundance of antibiotic resistance genes and bacterial community composition in wild freshwater fish species. Chemosphere, 2018, 196, 115-119.	4.2	59
21	Metagenomic exploration reveals a marked change in the river resistome and mobilome after treated wastewater discharges. Environmental Pollution, 2018, 234, 538-542.	3.7	44
22	Emerging contaminants and nutrients synergistically affect the spread of class 1 integron-integrase (intI1) and sul1 genes within stable streambed bacterial communities. Water Research, 2018, 138, 77-85.	5.3	82
23	Biological Approaches for Disease Control in Aquaculture: Advantages, Limitations and Challenges. Trends in Microbiology, 2018, 26, 896-903.	3.5	163
24	Occurrence and persistence of carbapenemases genes in hospital and wastewater treatment plants and propagation in the receiving river. Journal of Hazardous Materials, 2018, 358, 33-43.	6.5	68
25	Real-time PCR assays for the detection and quantification of carbapenemase genes (bla KPC, bla NDM,) Tj ETQq1 1 0.784314 rgBT /O 6710-6714.	2.7	43
26	Abundance of carbapenemase genes (blaKPC, blaNDM and blaOXA-48) in wastewater effluents from Tunisian hospitals. Environmental Pollution, 2017, 229, 371-374.	3.7	49
27	Contribution of bacteriophage and plasmid DNA to the mobilization of antibiotic resistance genes in a river receiving treated wastewater discharges. Science of the Total Environment, 2017, 601-602, 206-209.	3.9	97
28	Abundance of antibiotics, antibiotic resistance genes and bacterial community composition in wastewater effluents from different Romanian hospitals. Environmental Pollution, 2017, 225, 304-315.	3.7	197
29	Detection and quantification of the plasmid-mediated mcr-1 gene conferring colistin resistance in wastewater. International Journal of Antimicrobial Agents, 2017, 50, 734-736.	1.1	32
30	Wastewater pollution differently affects the antibiotic resistance gene pool and biofilm bacterial communities across streambed compartments. Molecular Ecology, 2017, 26, 5567-5581.	2.0	47
31	Exploring the contribution of bacteriophages to antibiotic resistance. Environmental Pollution, 2017, 220, 981-984.	3.7	107
32	Effects of subinhibitory ciprofloxacin concentrations on the abundance of qnrS and composition of bacterial communities from water supply reservoirs. Chemosphere, 2016, 161, 470-474.	4.2	12
33	Abundance of antibiotic resistance genes in five municipal wastewater treatment plants in the Monastir Governorate, Tunisia. Environmental Pollution, 2016, 219, 353-358.	3.7	107
34	Metagenomic analysis reveals that bacteriophages are reservoirs of antibiotic resistance genes. International Journal of Antimicrobial Agents, 2016, 48, 163-167.	1.1	121
35	Isolation and characterization of bacteria with antibacterial properties from Nile tilapia (Oreochromis niloticus). Research in Veterinary Science, 2016, 105, 62-64.	0.9	22
36	Occurrence and persistence of antibiotic resistance genes in river biofilms after wastewater inputs in small rivers. Environmental Pollution, 2016, 210, 121-128.	3.7	142

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37	Aeromonas rivipollensis sp. nov., a novel species isolated from aquatic samples. Journal of Basic Microbiology, 2015, 55, 1435-1439.	1.8	28
38	Bacterial community structure in the intestinal ecosystem of rainbow trout (Oncorhynchus mykiss) as revealed by pyrosequencing-based analysis of 16S rRNA genes. Research in Veterinary Science, 2015, 100, 8-11.	0.9	62
39	Effect of Ciliates in Transfer of Plasmid-Mediated Quinolone-Resistance Genes in Bacteria. Emerging Infectious Diseases, 2015, 21, 547-549.	2.0	4
40	Occurrence of antibiotics and antibiotic resistance genes in hospital and urban wastewaters and their impact on the receiving river. Water Research, 2015, 69, 234-242.	5.3	1,187
41	Bacteriophages as Vehicles for Antibiotic Resistance Genes in the Environment. PLoS Pathogens, 2014, 10, e1004219.	2.1	172
42	Administration of Bacillus subtilis strains in the rearing water enhances the water quality, growth performance, immune response, and resistance against Vibrio harveyi infection in juvenile white shrimp, Litopenaeus vannamei. Fish and Shellfish Immunology, 2014, 36, 68-74.	1.6	155
43	Mycobacterium hippocampi sp. nov., a Rapidly Growing Scotochromogenic Species Isolated from a Seahorse with Tail Rot. Current Microbiology, 2014, 69, 329-333.	1.0	23
44	The role of aquatic ecosystems as reservoirs of antibiotic resistance. Trends in Microbiology, 2014, 22, 36-41.	3.5	528
45	Prevalence of antibiotic-resistant fecal bacteria in a river impacted by both an antibiotic production plant and urban treated discharges. Science of the Total Environment, 2014, 488-489, 220-227.	3.9	58
46	Detection and identification of antibiotic biosynthesis genes inBacillus subtilisstrains. Biocontrol Science and Technology, 2014, 24, 233-240.	0.5	4
47	Characterization of ciprofloxacin-resistant isolates from a wastewater treatment plant and its receiving river. Water Research, 2014, 61, 67-76.	5.3	85
48	Use of pyrosequencing to explore the benthic bacterial community structure in a river impacted by wastewater treatment plant discharges. Research in Microbiology, 2014, 165, 468-471.	1.0	30
49	Exploring the links between antibiotic occurrence, antibiotic resistance, and bacterial communities in water supply reservoirs. Science of the Total Environment, 2013, 456-457, 161-170.	3.9	288
50	Real-Time PCR Assays for Quantification of qnr Genes in Environmental Water Samples and Chicken Feces. Applied and Environmental Microbiology, 2013, 79, 1743-1745.	1.4	75
51	Antibiotic Resistance in the Aquatic Environment. Comprehensive Analytical Chemistry, 2013, 62, 671-684.	0.7	6
52	Prevalence of Antibiotic Resistance Genes and Bacterial Community Composition in a River Influenced by a Wastewater Treatment Plant. PLoS ONE, 2013, 8, e78906.	1.1	328
53	Effects of Bacillus subtilis on the growth performance, digestive enzymes, immune gene expression and disease resistance of white shrimp, Litopenaeus vannamei. Fish and Shellfish Immunology, 2012, 33, 683-689.	1.6	331
54	Selection and identification of non-pathogenic bacteria isolated from fermented pickles with antagonistic properties against two shrimp pathogens. Journal of Antibiotics, 2012, 65, 289-294.	1.0	38

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55	Vibrio inhibens sp. nov., a novel bacterium with inhibitory activity against Vibrio species. Journal of Antibiotics, 2012, 65, 301-305.	1.0	11
56	Accumulation and depletion kinetics of erythromycin in rainbow trout (Oncorhynchus mykiss). Preventive Veterinary Medicine, 2012, 105, 160-163.	0.7	10
57	Expression of immune-related genes in rainbow trout (Oncorhynchus mykiss) induced by probiotic bacteria during Lactococcus garvieae infection. Fish and Shellfish Immunology, 2011, 31, 196-201.	1.6	193
58	NovelMycobacteriumSpecies in Seahorses with Tail Rot. Emerging Infectious Diseases, 2011, 17, 1770-1772.	2.0	11
59	Vibrio hippocampi sp. nov., a new species isolated from wild seahorses (Hippocampus guttulatus). FEMS Microbiology Letters, 2010, 307, 30-34.	0.7	16
60	Bacillus galliciensis sp. nov., isolated from faeces of wild seahorses (Hippocampus guttulatus). International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 892-895.	0.8	31
61	Quantitative analysis of bacterial adhesion to fish tissue. Colloids and Surfaces B: Biointerfaces, 2009, 71, 331-333.	2.5	11
62	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>. Journal of Molecular Microbiology and Biotechnology, 2009, 17, 153-157.	1.0	50
63	A review on the interactions between gut microbiota and innate immunity of fish: Table 1. FEMS Immunology and Medical Microbiology, 2008, 52, 145-154.	2.7	587
64	Protection of rainbow trout (Oncorhynchus mykiss) from lactococcosis by probiotic bacteria. Comparative Immunology, Microbiology and Infectious Diseases, 2008, 31, 337-345.	0.7	127
65	Effect of the addition of four potential probiotic strains on the survival of pacific white shrimp (Litopenaeus vannamei) following immersion challenge with Vibrio parahaemolyticus. Journal of Invertebrate Pathology, 2007, 96, 147-150.	1.5	172
66	Changes in intestinal microbiota and humoral immune response following probiotic administration in brown trout (Salmo trutta). British Journal of Nutrition, 2007, 97, 522-527.	1.2	205
67	Quantitative detection of Aeromonas salmonicida in fish tissue by real-time PCR using self-quenched, fluorogenic primers. Journal of Medical Microbiology, 2007, 56, 323-328.	0.7	47
68	Enhancement of the immune response and protection induced by probiotic lactic acid bacteria against furunculosis in rainbow trout (Oncorhynchus mykiss). FEMS Immunology and Medical Microbiology, 2007, 51, 185-193.	2.7	221
69	Sequencing of variable regions of the 16S rRNA gene for identification of lactic acid bacteria isolated from the intestinal microbiota of healthy salmonids. Comparative Immunology, Microbiology and Infectious Diseases, 2007, 30, 111-118.	0.7	87
70	In vitro competitive adhesion and production of antagonistic compounds by lactic acid bacteria against fish pathogens. Veterinary Microbiology, 2007, 122, 373-380.	0.8	140
71	Safety and efficacy of an inactivated vaccine against Lactococcus garvieae in rainbow trout (Oncorhynchus mykiss). Preventive Veterinary Medicine, 2007, 80, 222-229.	0.7	20
72	Inhibitory Activity of Probiotic Bacillus subtilis UTM 126 Against Vibrio Species Confers Protection Against Vibriosis in Juvenile Shrimp (Litopenaeus vannamei). Current Microbiology, 2007, 55, 409-412.	1.0	137

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73	Probiotics as control agents in aquaculture. Journal of Ocean University of China, 2007, 6, 76-79.	0.6	38
74	Health and nutritional properties of probiotics in fish and shellfish. Microbial Ecology in Health and Disease, 2006, 18, 65-70.	3.8	65
75	The role of probiotics in aquaculture. Veterinary Microbiology, 2006, 114, 173-186.	0.8	996
76	Lactococcus garvieae in fish: A review. Comparative Immunology, Microbiology and Infectious Diseases, 2006, 29, 177-198.	0.7	321
77	Immune modulation by probiotic strains: Quantification of phagocytosis of Aeromonas salmonicida by leukocytes isolated from gut of rainbow trout (Oncorhynchus mykiss) using a radiolabelling assay. Comparative Immunology, Microbiology and Infectious Diseases, 2006, 29, 335-343.	0.7	60
78	Growth inhibition ofAeromonasspecies by lactic acid bacteria isolated from salmonids. Microbial Ecology in Health and Disease, 2006, 18, 61-63.	3.8	12