

Ester M Eckert

List of Publications by Year in Descending Order

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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.

47
papers

1,277
citations

19
h-index

35
g-index

49
ext. papers

1,810
ext. citations

6.8
avg, IF

4.84
L-index

#	Paper	IF	Citations
47	PET particles raise microbiological concerns for human health while tyre wear microplastic particles potentially affect ecosystem services in waters.. <i>Journal of Hazardous Materials</i> , 2022 , 429, 128397	12.8	1
46	The ZVI-Fenton process affects the total load of human pathogenic bacteria in wastewater samples. <i>Journal of Water Process Engineering</i> , 2022 , 47, 102668	6.7	1
45	Zooplankton as a Transitional Host for in Freshwater.. <i>Applied and Environmental Microbiology</i> , 2022 , e0252221	4.8	1
44	First Record of the Phylum Gnathostomulida in the Southern Ocean. <i>Diversity</i> , 2022 , 14, 382	2.5	
43	A Metabarcoding Protocol to Analyze Coastal Planktic Communities Collected by Desalination Plant Filters: From Sampling to Bioinformatic Exploratory Analyses. <i>Methods in Molecular Biology</i> , 2022 , 151-176	1.4	
42	Contribution of plasmidome, metal resistome and integrases to the persistence of the antibiotic resistome in aquatic environments.. <i>Environmental Pollution</i> , 2021 , 118774	9.3	0
41	Comparative phylogeography reveals consistently shallow genetic diversity in a mitochondrial marker in Antarctic bdelloid rotifers. <i>Journal of Biogeography</i> , 2021 , 48, 1797-1809	4.1	6
40	Antarctic coastal nanoplankton dynamics revealed by metabarcoding of desalination plant filters: Detection of short-term events and implications for routine monitoring. <i>Science of the Total Environment</i> , 2021 , 757, 143809	10.2	1
39	Freshwater zooplankton microbiome composition is highly flexible and strongly influenced by the environment. <i>Molecular Ecology</i> , 2021 , 30, 1545-1558	5.7	8
38	Contribution of microplastic particles to the spread of resistances and pathogenic bacteria in treated wastewaters. <i>Water Research</i> , 2021 , 201, 117368	12.5	15
37	The role of metal contamination in shaping microbial communities in heavily polluted marine sediments. <i>Environmental Pollution</i> , 2020 , 265, 114823	9.3	31
36	Human access impacts biodiversity of microscopic animals in sandy beaches. <i>Communications Biology</i> , 2020 , 3, 175	6.7	14
35	Different substrates within a lake harbour connected but specialised microbial communities. <i>Hydrobiologia</i> , 2020 , 847, 1689-1704	2.4	6
34	The vertical distribution of tetA and int11 in a deep lake is rather due to sedimentation than to resuspension. <i>FEMS Microbiology Ecology</i> , 2020 , 96,	4.3	4
33	Tossed Wood luckWoins as vectors for anthropogenic pollution into aquatic environment. <i>Environmental Pollution</i> , 2020 , 259, 113800	9.3	2
32	Combination of flow cytometry and molecular analysis to monitor the effect of UVC/HO vs UVC/HO/Cu-IDS processes on pathogens and antibiotic resistant genes in secondary wastewater effluents. <i>Water Research</i> , 2020 , 184, 116194	12.5	16
31	Spatial distribution of antibiotic and heavy metal resistance genes in the Black Sea. <i>Marine Pollution Bulletin</i> , 2020 , 160, 111635	6.7	9

30	An Environmental Strain Is Naturally Competent to Acquire Exogenous DNA. <i>Frontiers in Microbiology</i> , 2020 , 11, 574301	5.7	6
29	Genomic Comparison and Spatial Distribution of Different Phylotypes in the Black Sea. <i>Frontiers in Microbiology</i> , 2020 , 11, 1979	5.7	5
28	Every fifth published metagenome is not available to science. <i>PLoS Biology</i> , 2020 , 18, e3000698	9.7	9
27	Antibiotic disturbance affects aquatic microbial community composition and food web interactions but not community resilience. <i>Molecular Ecology</i> , 2019 , 28, 1170-1182	5.7	23
26	Effluents of wastewater treatment plants promote the rapid stabilization of the antibiotic resistome in receiving freshwater bodies. <i>Water Research</i> , 2019 , 158, 72-81	12.5	50
25	The mesopelagic anoxic Black Sea as an unexpected habitat for <i>Synechococcus</i> challenges our understanding of global "deep red fluorescence". <i>ISME Journal</i> , 2019 , 13, 1676-1687	11.9	17
24	Impact of industrial wastewater on the dynamics of antibiotic resistance genes in a full-scale urban wastewater treatment plant. <i>Science of the Total Environment</i> , 2019 , 646, 1204-1210	10.2	32
23	Seasonality of the antibiotic resistance gene blaCTX-M in temperate Lake Maggiore. <i>Hydrobiologia</i> , 2019 , 843, 143-153	2.4	3
22	High-quality treated wastewater causes remarkable changes in natural microbial communities and int11 gene abundance. <i>Water Research</i> , 2019 , 167, 114895	12.5	23
21	Lanzarote and Chinijo Islands: An Anchialine UNESCO Global Geopark. <i>Volcanic Tourist Destinations</i> , 2019 , 109-121	0.1	1
20	Persistence of antibiotic resistance genes in large subalpine lakes: the role of anthropogenic pollution and ecological interactions. <i>Hydrobiologia</i> , 2018 , 824, 93-108	2.4	28
19	Microplastics increase impact of treated wastewater on freshwater microbial community. <i>Environmental Pollution</i> , 2018 , 234, 495-502	9.3	132
18	Assessing antimicrobial resistance gene load in vegan, vegetarian and omnivore human gut microbiota. <i>International Journal of Antimicrobial Agents</i> , 2018 , 52, 702-705	14.3	11
17	Assessing the Influence of Vegan, Vegetarian and Omnivore Oriented Westernized Dietary Styles on Human Gut Microbiota: A Cross Sectional Study. <i>Frontiers in Microbiology</i> , 2018 , 9, 317	5.7	52
16	ddPCR applied on archived Continuous Plankton Recorder samples reveals long-term occurrence of class 1 integrons and a sulphonamide resistance gene in marine plankton communities. <i>Environmental Microbiology Reports</i> , 2018 , 10, 458-464	3.7	10
15	Rainfall increases the abundance of antibiotic resistance genes within a riverine microbial community. <i>Environmental Pollution</i> , 2017 , 226, 473-478	9.3	63
14	The microbiome associated with two <i>Synechococcus</i> ribotypes at different levels of ecological interaction. <i>Journal of Phycology</i> , 2017 , 53, 1151-1158	3	10
13	Tracing particulate matter and associated microorganisms in freshwaters. <i>Hydrobiologia</i> , 2017 , 800, 145-154	1.4	21

12	Defence strategies and antibiotic resistance gene abundance in enterococci under stress by exposure to low doses of peracetic acid. <i>Chemosphere</i> , 2017 , 185, 480-488	8.4	23
11	Daphnia as a refuge for an antibiotic resistance gene in an experimental freshwater community. <i>Science of the Total Environment</i> , 2016 , 571, 77-81	10.2	28
10	Co-occurrence of integrase 1, antibiotic and heavy metal resistance genes in municipal wastewater treatment plants. <i>Water Research</i> , 2016 , 94, 208-214	12.5	270
9	Co-selection of antibiotic and heavy metal resistance in freshwater bacteria. <i>Journal of Limnology</i> , 2016 , 75,	1.5	55
8	Diverse distribution of Toxin-Antitoxin II systems in Salmonella enterica serovars. <i>Scientific Reports</i> , 2016 , 6, 28759	4.9	16
7	Constitutive presence of antibiotic resistance genes within the bacterial community of a large subalpine lake. <i>Molecular Ecology</i> , 2015 , 24, 3888-900	5.7	63
6	Network of Interactions Between Ciliates and Phytoplankton During Spring. <i>Frontiers in Microbiology</i> , 2015 , 6, 1289	5.7	37
5	Bacterial epibionts of Daphnia: a potential route for the transfer of dissolved organic carbon in freshwater food webs. <i>ISME Journal</i> , 2014 , 8, 1808-19	11.9	49
4	Does a barcoding gap exist in prokaryotes? Evidences from species delimitation in cyanobacteria. <i>Life</i> , 2014 , 5, 50-64	3	13
3	Archaea and Bacteria in deep lake hypolimnion: in situ dark inorganic carbon uptake. <i>Journal of Limnology</i> , 2014 , 73,	1.5	10
2	Grazing resistant freshwater bacteria profit from chitin and cell-wall-derived organic carbon. <i>Environmental Microbiology</i> , 2013 , 15, 2019-30	5.2	28
1	Rapid successions affect microbial N-acetyl-glucosamine uptake patterns during a lacustrine spring phytoplankton bloom. <i>Environmental Microbiology</i> , 2012 , 14, 794-806	5.2	74