Ester M Eckert

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5895894/publications.pdf

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47 papers	2,170 citations	257101 24 h-index	233125 45 g-index
49 all docs	49 docs citations	49 times ranked	2739 citing authors

#	Article	IF	Citations
1	Co-occurrence of integrase 1, antibiotic and heavy metal resistance genes in municipal wastewater treatment plants. Water Research, 2016, 94, 208-214.	5.3	397
2	Microplastics increase impact of treated wastewater on freshwater microbial community. Environmental Pollution, 2018, 234, 495-502.	3.7	195
3	Constitutive presence of antibiotic resistance genes within the bacterial community of a large subalpine lake. Molecular Ecology, 2015, 24, 3888-3900.	2.0	108
4	Rainfall increases the abundance of antibiotic resistance genes within a riverine microbial community. Environmental Pollution, 2017, 226, 473-478.	3.7	103
5	Rapid successions affect microbial Nâ€acetylâ€glucosamine uptake patterns during a lacustrine spring phytoplankton bloom. Environmental Microbiology, 2012, 14, 794-806.	1.8	100
6	Co-selection of antibiotic and heavy metal resistance in freshwater bacteria. Journal of Limnology, 2016, 75, .	0.3	98
7	Effluents of wastewater treatment plants promote the rapid stabilization of the antibiotic resistome in receiving freshwater bodies. Water Research, 2019, 158, 72-81.	5.3	82
8	Network of Interactions Between Ciliates and Phytoplankton During Spring. Frontiers in Microbiology, 2015, 6, 1289.	1.5	80
9	Assessing the Influence of Vegan, Vegetarian and Omnivore Oriented Westernized Dietary Styles on Human Gut Microbiota: A Cross Sectional Study. Frontiers in Microbiology, 2018, 9, 317.	1.5	78
10	Contribution of microplastic particles to the spread of resistances and pathogenic bacteria in treated wastewaters. Water Research, 2021, 201, 117368.	5.3	67
11	Bacterial epibionts of Daphnia: a potential route for the transfer of dissolved organic carbon in freshwater food webs. ISME Journal, 2014, 8, 1808-1819.	4.4	65
12	The role of metal contamination in shaping microbial communities in heavily polluted marine sediments. Environmental Pollution, 2020, 265, 114823.	3.7	65
13	Persistence of antibiotic resistance genes in large subalpine lakes: the role of anthropogenic pollution and ecological interactions. Hydrobiologia, 2018, 824, 93-108.	1.0	52
14	Impact of industrial wastewater on the dynamics of antibiotic resistance genes in a full-scale urban wastewater treatment plant. Science of the Total Environment, 2019, 646, 1204-1210.	3.9	47
15	Diverse distribution of Toxin-Antitoxin II systems in Salmonella enterica serovars. Scientific Reports, 2016, 6, 28759.	1.6	44
16	Daphnia as a refuge for an antibiotic resistance gene in an experimental freshwater community. Science of the Total Environment, 2016, 571, 77-81.	3.9	43
17	Grazing resistant freshwater bacteria profit from chitin and cellâ€wallâ€derived organic carbon. Environmental Microbiology, 2013, 15, 2019-2030.	1.8	42
18	Freshwater zooplankton microbiome composition is highly flexible and strongly influenced by the environment. Molecular Ecology, 2021, 30, 1545-1558.	2.0	40

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19	Antibiotic disturbance affects aquatic microbial community composition and food web interactions but not community resilience. Molecular Ecology, 2019, 28, 1170-1182.	2.0	39
20	The mesopelagic anoxic Black Sea as an unexpected habitat for Synechococcus challenges our understanding of global â€œdeep red fluorescenceâ€• ISME Journal, 2019, 13, 1676-1687.	4.4	39
21	Defence strategies and antibiotic resistance gene abundance in enterococci under stress by exposure to low doses of peracetic acid. Chemosphere, 2017, 185, 480-488.	4.2	34
22	Combination of flow cytometry and molecular analysis to monitor the effect of UVC/H2O2 vs UVC/H2O2/Cu-IDS processes on pathogens and antibiotic resistant genes in secondary wastewater effluents. Water Research, 2020, 184, 116194.	5.3	34
23	High-quality treated wastewater causes remarkable changes in natural microbial communities and intI1 gene abundance. Water Research, 2019, 167, 114895.	5.3	33
24	Human access impacts biodiversity of microscopic animals in sandy beaches. Communications Biology, 2020, 3, 175.	2.0	28
25	Tracing particulate matter and associated microorganisms in freshwaters. Hydrobiologia, 2017, 800, 145-154.	1.0	26
26	Spatial distribution of antibiotic and heavy metal resistance genes in the Black Sea. Marine Pollution Bulletin, 2020, 160, 111635.	2.3	19
27	Assessing antimicrobial resistance gene load in vegan, vegetarian and omnivore human gut microbiota. International Journal of Antimicrobial Agents, 2018, 52, 702-705.	1.1	18
28	Every fifth published metagenome is not available to science. PLoS Biology, 2020, 18, e3000698.	2.6	18
29	PET particles raise microbiological concerns for human health while tyre wear microplastic particles potentially affect ecosystem services in waters. Journal of Hazardous Materials, 2022, 429, 128397.	6.5	18
30	Different substrates within a lake harbour connected but specialised microbial communities. Hydrobiologia, 2020, 847, 1689-1704.	1.0	17
31	Comparative phylogeography reveals consistently shallow genetic diversity in a mitochondrial marker in Antarctic bdelloid rotifers. Journal of Biogeography, 2021, 48, 1797-1809.	1.4	17
32	Archaea and Bacteria in deep lake hypolimnion: in situ dark inorganic carbon uptake. Journal of Limnology, 2014, 73, .	0.3	16
33	Does a Barcoding Gap Exist in Prokaryotes? Evidences from Species Delimitation in Cyanobacteria. Life, 2015, 5, 50-64.	1.1	16
34	ddPCR applied on archived Continuous Plankton Recorder samples reveals longâ€term occurrence of class 1 integrons and a sulphonamide resistance gene in marine plankton communities. Environmental Microbiology Reports, 2018, 10, 458-464.	1.0	16
35	Genomic Comparison and Spatial Distribution of Different Synechococcus Phylotypes in the Black Sea. Frontiers in Microbiology, 2020, 11, 1979.	1.5	13
36	An Environmental Escherichia coli Strain Is Naturally Competent to Acquire Exogenous DNA. Frontiers in Microbiology, 2020, 11, 574301.	1.5	11

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37	The microbiome associated with two Synechococcus ribotypes at different levels of ecological interaction. Journal of Phycology, 2017, 53, 1151-1158.	1.0	10
38	Seasonality of the antibiotic resistance gene blaCTX-M in temperate Lake Maggiore. Hydrobiologia, 2019, 843, 143-153.	1.0	10
39	The vertical distribution of tetA and intI1 in a deep lake is rather due to sedimentation than to resuspension. FEMS Microbiology Ecology, 2020, 96, .	1.3	8
40	Contribution of plasmidome, metal resistome and integrases to the persistence of the antibiotic resistome in aquatic environments. Environmental Pollution, 2022, 297, 118774.	3.7	6
41	Antarctic coastal nanoplankton dynamics revealed by metabarcoding of desalination plant filters: Detection of short-term events and implications for routine monitoring. Science of the Total Environment, 2021, 757, 143809.	3.9	5
42	Tossed â€˜good luckâ€™ coins as vectors for anthropogenic pollution into aquatic environment. Environmental Pollution, 2020, 259, 113800.	3.7	4
43	The ZVI-Fenton process affects the total load of human pathogenic bacteria in wastewater samples. Journal of Water Process Engineering, 2022, 47, 102668.	2.6	4
44	Zooplankton as a Transitional Host for Escherichia coli in Freshwater. Applied and Environmental Microbiology, 2022, 88, e0252221.	1.4	2
45	Lanzarote and Chinijo Islands: An Anchialine UNESCO Global Geopark. Volcanic Tourist Destinations, 2019, , 109-121.	0.2	1
46	OTU picking on large datasets: comparing methods on a diversity of situations. ARPHA Conference Abstracts, 0, 4, .	0.0	0
47	First Record of the Phylum Gnathostomulida in the Southern Ocean. Diversity, 2022, 14, 382.	0.7	0