Erik R Zettler

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6829337/publications.pdf

Version: 2024-02-01

38 papers	7,717 citations	201674 27 h-index	330143 37 g-index

39 all docs	39 docs citations	39 times ranked	6704 citing authors

#	Article	IF	Citations
1	Large quantities of small microplastics permeate the surface ocean to abyssal depths in the South Atlantic Gyre. Global Change Biology, 2022, 28, 2991-3006.	9.5	43
2	Microbial carrying capacity and carbon biomass of plastic marine debris. ISME Journal, 2021, 15, 67-77.	9.8	54
3	Biofouling impacts on polyethylene density and sinking in coastal waters: A macro/micro tipping point?. Water Research, 2021, 201, 117289.	11.3	70
4	Diversity and predicted inter- and intra-domain interactions in the Mediterranean Plastisphere. Environmental Pollution, 2021, 286, 117439.	7.5	32
5	Dispersion of Surface Drifters in the Tropical Atlantic. Frontiers in Marine Science, 2021, 7, .	2.5	17
6	Spatial structure in the â€œPlastisphereâ€• Molecular resources for imaging microscopic communities on plastic marine debris. Molecular Ecology Resources, 2020, 20, 620-634.	4.8	66
7	Ecology of the plastisphere. Nature Reviews Microbiology, 2020, 18, 139-151.	28.6	665
8	The (Un)Natural History of the â€œPlastisphere,â€•A New Marine Ecosystem. , 2020, , 73-88.		0
9	Comparative mitochondrial and chloroplast genomics of a genetically distinct form of Sargassum contributing to recent â€œGolden Tidesâ€•in the Western Atlantic. Ecology and Evolution, 2017, 7, 516-525.	1.9	62
10	A review of microscopy and comparative molecular-based methods to characterize â€œPlastisphereâ€• communities. Analytical Methods, 2017, 9, 2132-2143.	2.7	76
11	Incorporating citizen science to study plastics in the environment. Analytical Methods, 2017, 9, 1392-1403.	2.7	78
12	Biofilms on Plastic Debris and Their Influence on Marine Nutrient Cycling, Productivity, and Hazardous Chemical Mobility. Handbook of Environmental Chemistry, 2016, , 221-233.	0.4	39
13	Influence of Central Pacific Oceanographic Conditions on the Potential Vertical Habitat of Four Tropical Tuna Species1. Pacific Science, 2015, 69, 461.	0.6	9
14	The biogeography of the Plastisphere: implications for policy. Frontiers in Ecology and the Environment, 2015, 13, 541-546.	4.0	298
15	Oligotyping reveals community level habitat selection within the genus Vibrio. Frontiers in Microbiology, 2014, 5, 563.	3.5	56
16	Distribution of Surface Plastic Debris in the Eastern Pacific Ocean from an 11-Year Data Set. Environmental Science & Technology, 2014, 48, 4732-4738.	10.0	382
17	Seasonal and decadal changes in distribution patterns of Halobates (Hemiptera: Gerridae) populations in the eastern tropical Pacific. Marine Biology, 2014, 161, 1241-1250.	1.5	3
18	Life in the â€œPlastisphereâ€• Microbial Communities on Plastic Marine Debris. Environmental Science & Technology, 2013, 47, 7137-7146.	10.0	2,017

#	Article	IF	Citations
19	Microbial community structure across the tree of life in the extreme RÃo Tinto. ISME Journal, 2011, 5, 42-50.	9.8	110
20	A direct in situ fingerprinting method for acid rock drainage using voltammetric techniques with a single renewable gold microelectrode. Science of the Total Environment, 2011, 409, 1984-1989.	8.0	2
21	Organic micropollutants in marine plastics debris from the open ocean and remote and urban beaches. Marine Pollution Bulletin, 2011, 62, 1683-1692.	5.0	654
22	Phototrophic Biofilms from RÃo Tinto, an Extreme Acidic Environment, The Prokaryotic Component. Cellular Origin and Life in Extreme Habitats, 2010, , 469-481.	0.3	5
23	Contrasting Microbial Community Assembly Hypotheses: A Reconciling Tale from the RÃo Tinto. PLoS ONE, 2008, 3, e3853.	2.5	34
24	Prokaryotic community structure in algal photosynthetic biofilms from extreme acidic streams in RÃo Tinto (Huelva, Spain). International Microbiology, 2008, 11, 251-60.	2.4	25
25	Distribution and seasonal variability in the benthic eukaryotic community of RÃo Tinto (SW, Spain), an acidic, high metal extreme environment. Systematic and Applied Microbiology, 2007, 30, 531-546.	2.8	108
26	Eukaryotic Community Structure from RÃo Tinto (SW, Spain), a Highly Acidic River. Cellular Origin and Life in Extreme Habitats, 2007, , 465-485.	0.3	5
27	A Microbial Observatory of Caterpillars: Isolation and Molecular Characterization of Protists Associated with the Saturniid Moth Caterpillar Rothschildia lebeau1,2. Journal of Eukaryotic Microbiology, 2005, 52, 107-115.	1.7	4
28	Life at acidic pH imposes an increased energetic cost for a eukaryotic acidophile. Journal of Experimental Biology, 2005, 208, 2569-2579.	1.7	64
29	Science Under Sail: Ocean Science Education Program Combines Traditional Vessels with State-of-the-Art Technology. Oceanography, 2004, 17, 42-51.	1.0	10
30	Eukaryotic diversity in Spain's River of Fire. Nature, 2002, 417, 137-137.	27.8	379
31	Iron-enrichment bottle experiments in the equatorial Pacific: responses of individual phytoplankton cells. Deep-Sea Research Part II: Topical Studies in Oceanography, 1996, 43, 1017-1029.	1.4	44
32	Potential of flow cytometry for â€œpump and probeâ€•fluorescence measurements of phytoplankton photosynthetic characteristics.. Limnology and Oceanography, 1995, 40, 816-820.	3.1	20
33	Prochlorococcus marinus nov. gen. nov. sp.: an oxyphototrophic marine prokaryote containing divinyl chlorophyll a and b. Archives of Microbiology, 1992, 157, 297-300.	2.2	402
34	Pigments, size, and distributions of Synechococcus in the North Atlantic and Pacific Oceans. Limnology and Oceanography, 1990, 35, 45-58.	3.1	295
35	Spatial and temporal distributions of prochlorophyte picoplankton in the North Atlantic Ocean. Deep-sea Research Part A, Oceanographic Research Papers, 1990, 37, 1033-1051.	1.5	345
36	A novel free-living prochlorophyte abundant in the oceanic euphotic zone. Nature, 1988, 334, 340-343.	27.8	1,059

#	Article	IF	Citations
37	Analysis of Synechococcus pigment types in the sea using single and dual beam flow cytometry. Deep-sea Research Part A, Oceanographic Research Papers, 1988, 35, 425-440.	1.5	148
38	Zooplankton Community and Species Responses to a Natural Turbidity Gradient in Lake Temiskaming, Ontarioâ€“Quebec. Canadian Journal of Fisheries and Aquatic Sciences, 1986, 43, 665-673.	1.4	36