

Erik R Zettler

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

7,717
citations

201674

27
h-index

330143

37
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39
all docs

39
docs citations

39
times ranked

6704
citing authors

#	ARTICLE	IF	CITATIONS
1	Life in the "Plastisphere": Microbial Communities on Plastic Marine Debris. <i>Environmental Science & Technology</i> , 2013, 47, 7137-7146.	10.0	2,017
2	A novel free-living prochlorophyte abundant in the oceanic euphotic zone. <i>Nature</i> , 1988, 334, 340-343.	27.8	1,059
3	Ecology of the plastisphere. <i>Nature Reviews Microbiology</i> , 2020, 18, 139-151.	28.6	665
4	Organic micropollutants in marine plastics debris from the open ocean and remote and urban beaches. <i>Marine Pollution Bulletin</i> , 2011, 62, 1683-1692.	5.0	654
5	<i>Prochlorococcus marinus</i> nov. gen. nov. sp.: an oxyphototrophic marine prokaryote containing divinyl chlorophyll a and b. <i>Archives of Microbiology</i> , 1992, 157, 297-300.	2.2	402
6	Distribution of Surface Plastic Debris in the Eastern Pacific Ocean from an 11-Year Data Set. <i>Environmental Science & Technology</i> , 2014, 48, 4732-4738.	10.0	382
7	Eukaryotic diversity in Spain's River of Fire. <i>Nature</i> , 2002, 417, 137-137.	27.8	379
8	Spatial and temporal distributions of prochlorophyte picoplankton in the North Atlantic Ocean. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1990, 37, 1033-1051.	1.5	345
9	The biogeography of the Plastisphere: implications for policy. <i>Frontiers in Ecology and the Environment</i> , 2015, 13, 541-546.	4.0	298
10	Pigments, size, and distributions of <i>Synechococcus</i> in the North Atlantic and Pacific Oceans. <i>Limnology and Oceanography</i> , 1990, 35, 45-58.	3.1	295
11	Analysis of <i>Synechococcus</i> pigment types in the sea using single and dual beam flow cytometry. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1988, 35, 425-440.	1.5	148
12	Microbial community structure across the tree of life in the extreme Río Tinto. <i>ISME Journal</i> , 2011, 5, 42-50.	9.8	110
13	Distribution and seasonal variability in the benthic eukaryotic community of Río Tinto (SW, Spain), an acidic, high metal extreme environment. <i>Systematic and Applied Microbiology</i> , 2007, 30, 531-546.	2.8	108
14	Incorporating citizen science to study plastics in the environment. <i>Analytical Methods</i> , 2017, 9, 1392-1403.	2.7	78
15	A review of microscopy and comparative molecular-based methods to characterize "Plastisphere" communities. <i>Analytical Methods</i> , 2017, 9, 2132-2143.	2.7	76
16	Biofouling impacts on polyethylene density and sinking in coastal waters: A macro/micro tipping point?. <i>Water Research</i> , 2021, 201, 117289.	11.3	70
17	Spatial structure in the "Plastisphere": Molecular resources for imaging microscopic communities on plastic marine debris. <i>Molecular Ecology Resources</i> , 2020, 20, 620-634.	4.8	66
18	Life at acidic pH imposes an increased energetic cost for a eukaryotic acidophile. <i>Journal of Experimental Biology</i> , 2005, 208, 2569-2579.	1.7	64

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19	Comparative mitochondrial and chloroplast genomics of a genetically distinct form of <i>Sargassum</i> contributing to recent "Golden Tides" in the Western Atlantic. <i>Ecology and Evolution</i> , 2017, 7, 516-525.	1.9	62
20	Oligotyping reveals community level habitat selection within the genus <i>Vibrio</i> . <i>Frontiers in Microbiology</i> , 2014, 5, 563.	3.5	56
21	Microbial carrying capacity and carbon biomass of plastic marine debris. <i>ISME Journal</i> , 2021, 15, 67-77.	9.8	54
22	Iron-enrichment bottle experiments in the equatorial Pacific: responses of individual phytoplankton cells. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1996, 43, 1017-1029.	1.4	44
23	Large quantities of small microplastics permeate the surface ocean to abyssal depths in the South Atlantic Gyre. <i>Global Change Biology</i> , 2022, 28, 2991-3006.	9.5	43
24	Biofilms on Plastic Debris and Their Influence on Marine Nutrient Cycling, Productivity, and Hazardous Chemical Mobility. <i>Handbook of Environmental Chemistry</i> , 2016, , 221-233.	0.4	39
25	Zooplankton Community and Species Responses to a Natural Turbidity Gradient in Lake Temiskaming, Ontario-Quebec. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1986, 43, 665-673.	1.4	36
26	Contrasting Microbial Community Assembly Hypotheses: A Reconciling Tale from the Río Tinto. <i>PLoS ONE</i> , 2008, 3, e3853.	2.5	34
27	Diversity and predicted inter- and intra-domain interactions in the Mediterranean Plastisphere. <i>Environmental Pollution</i> , 2021, 286, 117439.	7.5	32
28	Prokaryotic community structure in algal photosynthetic biofilms from extreme acidic streams in Río Tinto (Huelva, Spain). <i>International Microbiology</i> , 2008, 11, 251-60.	2.4	25
29	Potential of flow cytometry for "pump and probe" fluorescence measurements of phytoplankton photosynthetic characteristics.. <i>Limnology and Oceanography</i> , 1995, 40, 816-820.	3.1	20
30	Dispersion of Surface Drifters in the Tropical Atlantic. <i>Frontiers in Marine Science</i> , 2021, 7, .	2.5	17
31	Science Under Sail: Ocean Science Education Program Combines Traditional Vessels with State-of-the-Art Technology. <i>Oceanography</i> , 2004, 17, 42-51.	1.0	10
32	Influence of Central Pacific Oceanographic Conditions on the Potential Vertical Habitat of Four Tropical Tuna Species1. <i>Pacific Science</i> , 2015, 69, 461.	0.6	9
33	Eukaryotic Community Structure from Río Tinto (SW, Spain), a Highly Acidic River. <i>Cellular Origin and Life in Extreme Habitats</i> , 2007, , 465-485.	0.3	5
34	Phototrophic Biofilms from Río Tinto, an Extreme Acidic Environment, The Prokaryotic Component. <i>Cellular Origin and Life in Extreme Habitats</i> , 2010, , 469-481.	0.3	5
35	A Microbial Observatory of Caterpillars: Isolation and Molecular Characterization of Protists Associated with the Saturniid Moth Caterpillar <i>Rothschildia lebeau</i> 1,2. <i>Journal of Eukaryotic Microbiology</i> , 2005, 52, 107-115.	1.7	4
36	Seasonal and decadal changes in distribution patterns of <i>Halobates</i> (Hemiptera: Gerridae) populations in the eastern tropical Pacific. <i>Marine Biology</i> , 2014, 161, 1241-1250.	1.5	3

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37	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
38	The (Un)Natural History of the "Plastisphere," A New Marine Ecosystem. , 2020, , 73-88.		0