

Alexander H Treusch

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,680
citations

471509

17
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

3603
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel genes for nitrite reductase and Amo-related proteins indicate a role of uncultivated mesophilic crenarchaeota in nitrogen cycling. <i>Environmental Microbiology</i> , 2005, 7, 1985-1995.	3.8	758
2	Oxygen requirements of the earliest animals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4168-4172.	7.1	276
3	Seasonal dynamics of SAR11 populations in the euphotic and mesopelagic zones of the northwestern Sargasso Sea. <i>ISME Journal</i> , 2009, 3, 283-295.	9.8	261
4	Acidobacteria form a coherent but highly diverse group within the bacterial domain: evidence from environmental genomics. <i>Molecular Microbiology</i> , 2003, 50, 563-575.	2.5	231
5	Seasonality and vertical structure of microbial communities in an ocean gyre. <i>ISME Journal</i> , 2009, 3, 1148-1163.	9.8	230
6	High-resolution SAR11 ecotype dynamics at the Bermuda Atlantic Time-series Study site by phylogenetic placement of pyrosequences. <i>ISME Journal</i> , 2013, 7, 1322-1332.	9.8	191
7	First insight into the genome of an uncultivated crenarchaeote from soil. <i>Environmental Microbiology</i> , 2002, 4, 603-611.	3.8	161
8	Characterization of large-insert DNA libraries from soil for environmental genomic studies of Archaea. <i>Environmental Microbiology</i> , 2004, 6, 970-980.	3.8	101
9	Phytoplankton distribution patterns in the northwestern Sargasso Sea revealed by small subunit rRNA genes from plastids. <i>ISME Journal</i> , 2012, 6, 481-492.	9.8	98
10	Virtual laboratories in science education: students'™ motivation and experiences in two tertiary biology courses. <i>Journal of Biological Education</i> , 2017, 51, 358-374.	1.5	66
11	An Experiment with Forced Oxygenation of the Deepwater of the Anoxic By Fjord, Western Sweden. <i>Ambio</i> , 2015, 44, 42-54.	5.5	54
12	The Effects of Temperature and Growth Phase on the Lipidomes of <i>Sulfolobus islandicus</i> and <i>Sulfolobus tokodaii</i> . <i>Life</i> , 2015, 5, 1539-1566.	2.4	38
13	Structural characterization of ether lipids from the archaeon <i>Sulfolobus islandicus</i> by high-resolution shotgun lipidomics. <i>Journal of Mass Spectrometry</i> , 2015, 50, 476-487.	1.6	35
14	Archaeal lipids in oral delivery of therapeutic peptides. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 108, 101-110.	4.0	35
15	Marine bacterioplankton community turnover within seasonally hypoxic waters of a subtropical sound: <i>D</i> 'evil's <i>H</i> ole, <i>B</i> ermuda. <i>Environmental Microbiology</i> , 2015, 17, 3481-3499.	3.8	32
16	Novel anammox bacteria and nitrogen loss from Lake Superior. <i>Scientific Reports</i> , 2017, 7, 13757.	3.3	30
17	Liposomes containing lipids from <i>Sulfolobus islandicus</i> withstand intestinal bile salts: An approach for oral drug delivery?. <i>International Journal of Pharmaceutics</i> , 2015, 493, 63-69.	5.2	26
18	Effects of ecological engineered oxygenation on the bacterial community structure in an anoxic fjord in western Sweden. <i>ISME Journal</i> , 2015, 9, 656-669.	9.8	18

#	ARTICLE	IF	CITATIONS
19	Responses of an Agricultural Soil Microbiome to Flooding with Seawater after Managed Coastal Realignment. <i>Microorganisms</i> , 2018, 6, 12.	3.6	16
20	Carbon degradation in agricultural soils flooded with seawater after managed coastal realignment. <i>Biogeosciences</i> , 2017, 14, 4375-4389.	3.3	14
21	Freshwater copepod carcasses as pelagic microsites of dissimilatory nitrate reduction to ammonium. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	7
22	The Microbial Soil Flora: Novel Approaches for Accessing the Phylogenetic and Physiological Diversity of Prokaryotes. , 2006, , 407-424.		2