

Deric R Learman

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,262
citations

516710

16
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

1692
citing authors

#	ARTICLE	IF	CITATIONS
1	Diel Patterns in Marine Microbial Metatranscriptomes Reflect Differences in Community Metabolic Activity Over Depth on the Continental Shelf of the North Atlantic. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	2
2	Evaluating relationships between plants, water chemistry, and denitrification potential in palustrine freshwater marshes. <i>Ecological Indicators</i> , 2021, 131, 108163.	6.3	1
3	Metagenomics of Antarctic Marine Sediment Reveals Potential for Diverse Chemolithoautotrophy. <i>MSphere</i> , 2021, 6, e0077021.	2.9	5
4	Biotic and Abiotic Mechanisms of Manganese (II) Oxidation in Lake Erie. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	19
5	Comparative genomics of 16 <i>Microbacterium</i> spp. that tolerate multiple heavy metals and antibiotics. <i>PeerJ</i> , 2019, 6, e6258.	2.0	27
6	Microbial community structure and microbial networks correspond to nutrient gradients within coastal wetlands of the Laurentian Great Lakes. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	47
7	Short-term variability in coastal community and ecosystem dynamics in northern Lake Michigan. <i>Freshwater Science</i> , 2019, 38, 661-673.	1.8	1
8	Potential for gulls to transport bacteria from human waste sites to beaches. <i>Science of the Total Environment</i> , 2018, 615, 123-130.	8.0	58
9	Microbial subnetworks related to short-term diel O ₂ fluxes within geochemically distinct freshwater wetlands. <i>FEMS Microbiology Letters</i> , 2018, 365, .	1.8	2
10	Meiobenthic community composition and biodiversity along a 5500 km transect of Western Antarctica: a metabarcoding analysis. <i>Marine Ecology - Progress Series</i> , 2018, 603, 47-60.	1.9	26
11	Investigating diversity of pathogenic microbes in commercial bait trade water. <i>PeerJ</i> , 2018, 6, e5468.	2.0	14
12	Microbial community diversity patterns are related to physical and chemical differences among temperate lakes near Beaver Island, MI. <i>PeerJ</i> , 2017, 5, e3937.	2.0	16
13	Biogeochemical and Microbial Variation across 5500 km of Antarctic Surface Sediment Implicates Organic Matter as a Driver of Benthic Community Structure. <i>Frontiers in Microbiology</i> , 2016, 7, 284.	3.5	57
14	High concentrations of bioavailable heavy metals impact freshwater sediment microbial communities. <i>Annals of Microbiology</i> , 2016, 66, 1003-1012.	2.6	58
15	Extracellular haem peroxidases mediate <i>Mn</i> (II) oxidation in a marine <i>Roseobacter</i> bacterium via superoxide production. <i>Environmental Microbiology</i> , 2015, 17, 3925-3936.	3.8	106
16	Metabolic and genomic analysis elucidates strain-level variation in <i>Microbacterium</i> spp. isolated from chromate contaminated sediment. <i>PeerJ</i> , 2015, 3, e1395.	2.0	29
17	Comparative proteomics of <i>Mn</i> (II)-oxidizing and non-oxidizing <i>Roseobacter</i> clade bacteria reveal an operative manganese transport system but minimal <i>Mn</i> (II)-induced expression of manganese oxidation and antioxidant enzymes. <i>Environmental Microbiology Reports</i> . 2014. 6. 501-509.	2.4	16
18	Constraints on superoxide mediated formation of manganese oxides. <i>Frontiers in Microbiology</i> , 2013, 4, 262.	3.5	81

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19	Effect of adsorbed and substituted Al on Fe(II)-induced mineralization pathways of ferrihydrite. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4653-4666.	3.9	101
20	Coupled biotic–abiotic Mn(II) oxidation pathway mediates the formation and structural evolution of biogenic Mn oxides. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6048-6063.	3.9	191
21	Formation of manganese oxides by bacterially generated superoxide. <i>Nature Geoscience</i> , 2011, 4, 95-98.	12.9	297
22	Contrasting effects of Al substitution on microbial reduction of Fe(III) (hydr)oxides. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 7086-7099.	3.9	62
23	Involvement of <i>Shewanella oneidensis</i> MR-1 LuxS in Biofilm Development and Sulfur Metabolism. <i>Applied and Environmental Microbiology</i> , 2009, 75, 1301-1307.	3.1	45