

Cedric Morana

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5039007/publications.pdf>

Version: 2024-02-01

30
papers

1,440
citations

393982

19
h-index

500791

28
g-index

30
all docs

30
docs citations

30
times ranked

2018
citing authors

#	ARTICLE	IF	CITATIONS
1	Globally significant greenhouse-gas emissions from African inland waters. <i>Nature Geoscience</i> , 2015, 8, 637-642.	5.4	348
2	Effects of agricultural land use on fluvial carbon dioxide, methane and nitrous oxide concentrations in a large European river, the Meuse (Belgium). <i>Science of the Total Environment</i> , 2018, 610-611, 342-355.	3.9	138
3	Effects of human land use on the terrestrial and aquatic sources of fluvial organic matter in a temperate river basin (The Meuse River, Belgium). <i>Biogeochemistry</i> , 2017, 136, 191-211.	1.7	130
4	Variations in dissolved greenhouse gases (CO ₂ and CH ₄), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 632 T River network overwhelmingly driven by fluvial-wetland connectivity. <i>Biogeosciences</i> , 2019, 16, 3801-3834.	1.3	93
5	Pelagic photoferrotrophy and iron cycling in a modern ferruginous basin. <i>Scientific Reports</i> , 2015, 5, 13803.	1.6	80
6	Bacterioplankton niche partitioning in the use of phytoplankton-derived dissolved organic carbon: quantity is more important than quality. <i>ISME Journal</i> , 2016, 10, 2582-2592.	4.4	77
7	Iron-dependent nitrogen cycling in a ferruginous lake and the nutrient status of Proterozoic oceans. <i>Nature Geoscience</i> , 2017, 10, 217-221.	5.4	61
8	Vertical Distribution of Functional Potential and Active Microbial Communities in Meromictic Lake Kivu. <i>Microbial Ecology</i> , 2015, 70, 596-611.	1.4	52
9	Denitrification, anaerobic ammonium oxidation, and dissimilatory nitrate reduction to ammonium in an East African Great Lake (Lake Kivu). <i>Limnology and Oceanography</i> , 2018, 63, 687-701.	1.6	46
10	Chronic hyperosmotic stress interferes with immune homeostasis in striped catfish (<i>Pangasianodon</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Shellfish Immunology, 2016, 55, 550-558.	1.6	45
11	Production of dissolved organic matter by phytoplankton and its uptake by heterotrophic prokaryotes in large tropical lakes. <i>Limnology and Oceanography</i> , 2014, 59, 1364-1375.	1.6	42
12	Carbon Cycling of Lake Kivu (East Africa): Net Autotrophy in the Epilimnion and Emission of CO ₂ to the Atmosphere Sustained by Geogenic Inputs. <i>PLoS ONE</i> , 2014, 9, e109500.	1.1	38
13	Methanotrophy within the water column of a large meromictic tropical lake (Lake Kivu, East Africa). <i>Biogeosciences</i> , 2015, 12, 2077-2088.	1.3	38
14	Emission and oxidation of methane in a meromictic, eutrophic and temperate lake (Dendre, Belgium). <i>Chemosphere</i> , 2017, 168, 756-764.	4.2	34
15	Chemoautotrophy and anoxygenic photosynthesis within the water column of a large meromictic tropical lake (Lake Kivu, East Africa). <i>Limnology and Oceanography</i> , 2016, 61, 1424-1437.	1.6	26
16			

#	ARTICLE	IF	CITATIONS
19	Anaerobic methane oxidation and aerobic methane production in an east African great lake (Lake Kivu). <i>Journal of Great Lakes Research</i> , 2018, 44, 1183-1193.	0.8	20
20	Methane paradox in tropical lakes? Sedimentary fluxes rather than pelagic production in oxic conditions sustain methanotrophy and emissions to the atmosphere. <i>Biogeosciences</i> , 2020, 17, 5209-5221.	1.3	19
21	Microbial Ecology of Lake Kivu. , 2012, , 85-105.		12
22	Dynamics of greenhouse gases in groundwater: hydrogeological and hydrogeochemical controls. <i>Applied Geochemistry</i> , 2019, 105, 31-44.	1.4	12
23	Diversity and ecology of phytoplankton in Lake Edward (East Africa): Present status and long-term changes. <i>Journal of Great Lakes Research</i> , 2020, 46, 741-751.	0.8	12
24	Dissolved organic matter composition and reactivity in Lake Victoria, the world's largest tropical lake. <i>Biogeochemistry</i> , 2020, 150, 61-83.	1.7	10
25	Nitrate-dependent anaerobic methane oxidation and chemolithotrophic denitrification in a temperate eutrophic lake. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	9
26	Variability of Carbon Dioxide and Methane in the Epilimnion of Lake Kivu. , 2012, , 47-66.		8
27	Microbial eukaryote assemblages and potential novel diversity in four tropical East African Great Lakes. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	7
28	The possible occurrence of iron-dependent anaerobic methane oxidation in an Archean Ocean analogue. <i>Scientific Reports</i> , 2021, 11, 1597.	1.6	6
29	Limnological changes in Lake Victoria since the mid-20 th century. <i>Freshwater Biology</i> , 2021, 66, 1630-1647.	1.2	6
30	Dynamics of nitrous oxide with depth in groundwater: Insights from ambient groundwater and laboratory incubation experiments (Hesbaye chalk aquifer, Belgium). <i>Journal of Contaminant Hydrology</i> , 2021, 241, 103797.	1.6	1