

Karla Martinez-Cruz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2090879/publications.pdf>

Version: 2024-02-01

13
papers

602
citations

759233

12
h-index

1125743

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14
all docs

14
docs citations

14
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	Anaerobic oxidation of methane by aerobic methanotrophs in sub-Arctic lake sediments. <i>Science of the Total Environment</i> , 2017, 607-608, 23-31.	8.0	113
2	Eutrophication exacerbates the impact of climate warming on lake methane emission. <i>Science of the Total Environment</i> , 2018, 636, 411-419.	8.0	95
3	Ubiquitous and significant anaerobic oxidation of methane in freshwater lake sediments. <i>Water Research</i> , 2018, 144, 332-340.	11.3	84
4	Anaerobic oxidation of methane and associated microbiome in anoxic water of Northwestern Siberian lakes. <i>Science of the Total Environment</i> , 2020, 736, 139588.	8.0	67
5	In Situ Measurement of Dissolved Methane and Carbon Dioxide in Freshwater Ecosystems by Off-Axis Integrated Cavity Output Spectroscopy. <i>Environmental Science & Technology</i> , 2014, 48, 11421-11428.	10.0	62
6	Methane emissions from Mexican freshwater bodies: correlations with water pollution. <i>Hydrobiologia</i> , 2014, 721, 9-22.	2.0	35
7	First evidence for cold-adapted anaerobic oxidation of methane in deep sediments of thermokarst lakes. <i>Environmental Research Communications</i> , 2019, 1, 021002.	2.3	33
8	Methane emission from aquatic ecosystems of Mexico City. <i>Aquatic Sciences</i> , 2017, 79, 159-169.	1.5	31
9	Temperature differently affected methanogenic pathways and microbial communities in sub-Antarctic freshwater ecosystems. <i>Environment International</i> , 2021, 154, 106575.	10.0	21
10	A new method for field measurement of dissolved methane in water using infrared tunable diode laser absorption spectroscopy. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 560-567.	2.0	20
11	Sub-oxycline methane oxidation can fully uptake CH ₄ produced in sediments: case study of a lake in Siberia. <i>Scientific Reports</i> , 2020, 10, 3423.	3.3	20
12	Diel variation of CH ₄ and CO ₂ dynamics in two contrasting temperate lakes. <i>Inland Waters</i> , 2020, 10, 333-347.	2.2	13
13	Assessment of methane and carbon dioxide emissions in two sub-basins of a small acidic bog lake artificially divided 30 years ago. <i>Freshwater Biology</i> , 2018, 63, 1534-1549.	2.4	8