

Lin Xianbiao

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,626
citations

279798

23
h-index

395702

33
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33
all docs

33
docs citations

33
times ranked

1103
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of marine produced organic matter on the potential estuarine capacity of NO _x removal. <i>Science of the Total Environment</i> , 2022, 812, 151471.	8.0	14
2	Effects of algal-derived organic matter on sediment nitrogen mineralization and immobilization in a eutrophic estuary. <i>Ecological Indicators</i> , 2022, 138, 108813.	6.3	8
3	Saltmarsh sediments with wastewater input emit more carbon greenhouse gases but less N ₂ O than mangrove sediments. <i>Catena</i> , 2022, 213, 106205.	5.0	5
4	Bait input altered microbial community structure and increased greenhouse gases production in coastal wetland sediment. <i>Water Research</i> , 2022, 218, 118520.	11.3	58
5	Sediment Nitrate Dissimilatory Reduction Processes along a Salinity Gradient in an Estuarine and Coastal Wetland, China. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 761.	2.6	2
6	Natural N-bearing nanoparticles in sediments of a shallow bay of the south china: A new N form in N-cycling. <i>Ecological Indicators</i> , 2021, 122, 107281.	6.3	11
7	Shifts in the relative abundance and potential rates of sediment ammonia-oxidizing archaea and bacteria along environmental gradients of an urban river-estuary-adjacent sea continuum. <i>Science of the Total Environment</i> , 2021, 771, 144824.	8.0	10
8	Geochemical and microbial insights into vertical distributions of genetic potential of N-cycling processes in deep-sea sediments. <i>Ecological Indicators</i> , 2021, 125, 107461.	6.3	9
9	Membrane inlet mass spectrometry method (REOX/MIMS) to measure ¹⁵ N-nitrate in isotope-enrichment experiments. <i>Ecological Indicators</i> , 2021, 126, 107639.	6.3	107
10	Nitrogen cycling processes in sediments of the Pearl River Estuary: Spatial variations, controlling factors, and environmental implications. <i>Catena</i> , 2021, 206, 105545.	5.0	54
11	Sediment nitrate reduction processes in response to environmental gradients along an urban river-estuary-sea continuum. <i>Science of the Total Environment</i> , 2020, 718, 137185.	8.0	32
12	Bacterial Community Shifts Driven by Nitrogen Pollution in River Sediments of a Highly Urbanized City. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3794.	2.6	20
13	Sources, influencing factors and environmental indications of PAH pollution in urban soil columns of Shanghai, China. <i>Ecological Indicators</i> , 2018, 85, 1170-1180.	6.3	33
14	Effects of multiple antibiotics exposure on denitrification process in the Yangtze Estuary sediments. <i>Chemosphere</i> , 2017, 171, 118-125.	8.2	88
15	Salinity-driven shifts in the activity, diversity, and abundance of anammox bacteria of estuarine and coastal wetlands. <i>Physics and Chemistry of the Earth</i> , 2017, 97, 46-53.	2.9	29
16	Soil dissimilatory nitrate reduction processes in the <i>Spartina alterniflora</i> invasion chronosequences of a coastal wetland of southeastern China: Dynamics and environmental implications. <i>Plant and Soil</i> , 2017, 421, 383-399.	3.7	51
17	Nitrogen Losses in Sediments of the East China Sea: Spatiotemporal Variations, Controlling Factors, and Environmental Implications. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 2699-2715.	3.0	60
18	Ammonium Production and Removal in the Sediments of Shanghai River Networks: Spatiotemporal Variations, Controlling Factors, and Environmental Implications. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 2461-2478.	3.0	30

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19	DNRA in intertidal sediments of the Yangtze Estuary. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1988-1998.	3.0	62
20	PAHs uptake and translocation in <i>Cinnamomum camphora</i> leaves from Shanghai, China. <i>Science of the Total Environment</i> , 2017, 574, 358-368.	8.0	36
21	Shifts in the community structure and activity of anaerobic ammonium oxidation bacteria along an estuarine salinity gradient. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1632-1645.	3.0	53
22	Nitrogen mineralization and immobilization in sediments of the East China Sea: Spatiotemporal variations and environmental implications. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2842-2855.	3.0	49
23	Tidal pumping facilitates dissimilatory nitrate reduction in intertidal marshes. <i>Scientific Reports</i> , 2016, 6, 21338.	3.3	36
24	Community composition and activity of anaerobic ammonium oxidation bacteria in the rhizosphere of salt-marsh grass <i>Spartina alterniflora</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8203-8212.	3.6	29
25	Net anthropogenic nitrogen inputs (NANI) into the Yangtze River basin and the relationship with riverine nitrogen export. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 451-465.	3.0	79
26	Dissimilatory nitrate reduction processes in sediments of urban river networks: Spatiotemporal variations and environmental implications. <i>Environmental Pollution</i> , 2016, 219, 545-554.	7.5	66
27	Effects of thiamphenicol on nitrate reduction and N ₂ O release in estuarine and coastal sediments. <i>Environmental Pollution</i> , 2016, 214, 265-272.	7.5	48
28	nirS-Encoding denitrifier community composition, distribution, and abundance along the coastal wetlands of China. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8573-8582.	3.6	57
29	Gross Nitrogen Mineralization in Surface Sediments of the Yangtze Estuary. <i>PLoS ONE</i> , 2016, 11, e0151930.	2.5	24
30	Dissimilatory nitrate reduction processes and associated contribution to nitrogen removal in sediments of the Yangtze Estuary. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 1521-1531.	3.0	135
31	Anaerobic ammonium oxidation and its contribution to nitrogen removal in China's coastal wetlands. <i>Scientific Reports</i> , 2015, 5, 15621.	3.3	104
32	Diversity, Abundance, and Distribution of nirS-Harboring Denitrifiers in Intertidal Sediments of the Yangtze Estuary. <i>Microbial Ecology</i> , 2015, 70, 30-40.	2.8	57
33	Evidence of Nitrogen Loss from Anaerobic Ammonium Oxidation Coupled with Ferric Iron Reduction in an Intertidal Wetland. <i>Environmental Science & Technology</i> , 2015, 49, 11560-11568.	10.0	170