

Peter Bondo Christensen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,763
citations

361413

20
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

2740
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric currents couple spatially separated biogeochemical processes in marine sediment. <i>Nature</i> , 2010, 463, 1071-1074.	27.8	447
2	Denitrification in nitrate-rich streams: Diurnal and seasonal variation related to benthic oxygen metabolism. <i>Limnology and Oceanography</i> , 1990, 35, 640-651.	3.1	235
3	Denitrification measurements in aquatic sediments: A comparison of three methods. <i>Biogeochemistry</i> , 1993, 23, 147-167.	3.5	214
4	Comparison of isotope pairing and N ₂ :Ar methods for measuring sediment denitrification—Assumption, modifications, and implications. <i>Estuaries and Coasts</i> , 2002, 25, 1077-1087.	1.7	196
5	Impacts of longline mussel farming on oxygen and nitrogen dynamics and biological communities of coastal sediments. <i>Aquaculture</i> , 2003, 218, 567-588.	3.5	174
6	Denitrification and oxygen respiration in biofilms studied with a microsensor for nitrous oxide and oxygen. <i>Microbial Ecology</i> , 1990, 19, 63-72.	2.8	155
7	Microzonation of Denitrification Activity in Stream Sediments as Studied with a Combined Oxygen and Nitrous Oxide Microsensor. <i>Applied and Environmental Microbiology</i> , 1989, 55, 1234-1241.	3.1	140
8	Temporal Variation of Denitrification Activity in Plant-Covered, Littoral Sediment from Lake Hampen, Denmark. <i>Applied and Environmental Microbiology</i> , 1986, 51, 1174-1179.	3.1	130
9	Combined Oxygen and Nitrous Oxide Microsensor for Denitrification Studies. <i>Applied and Environmental Microbiology</i> , 1988, 54, 2245-2249.	3.1	121
10	Denitrification and photosynthesis in stream sediment studied with microsensor and wholecore techniques. <i>Limnology and Oceanography</i> , 1990, 35, 1135-1144.	3.1	118
11	Means of rapid eelgrass (<i>Zostera marina</i> L.) recolonisation in former dieback areas. <i>Aquatic Botany</i> , 2005, 82, 143-156.	1.6	118
12	Seasonal sea ice cover as principal driver of spatial and temporal variation in depth extension and annual production of kelp in Greenland. <i>Global Change Biology</i> , 2012, 18, 2981-2994.	9.5	113
13	Impact of Bacterial NO ₃ ⁻ Transport on Sediment Biogeochemistry. <i>Applied and Environmental Microbiology</i> , 2005, 71, 7575-7577.	3.1	108
14	Patterns of ammonium uptake within dense mats of the filamentous macroalga <i>Chaetomorpha linum</i> . <i>Aquatic Botany</i> , 1997, 59, 99-115.	1.6	88
15	Oxygen and Nutrient Dynamics within Mats of the Filamentous Macroalga <i>Chaetomorpha linum</i> . <i>Estuaries and Coasts</i> , 1999, 22, 31.	1.7	80
16	Eelgrass, <i>Zostera marina</i> , growth along depth gradients: upper boundaries of the variation as a powerful predictive tool. <i>Oikos</i> , 2000, 91, 233-244.	2.7	75
17	Denitrification in a trickling filter biofilm studied by a microsensor for oxygen and nitrous oxide. <i>Water Research</i> , 1989, 23, 867-871.	11.3	59
18	Growth dynamics of <i>Saccharina latissima</i> (Laminariales, Phaeophyceae) in Aarhus Bay, Denmark, and along the species' distribution range. <i>Marine Biology</i> , 2014, 161, 2011-2022.	1.5	59

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19	Nitrogen Loss and Denitrification as Studied in Relation to Reductions in Nitrogen Loading in a Shallow, Hypertrophic Lake (Lake Søbygård, Denmark). <i>International Review of Hydrobiology</i> , 1992, 77, 29-42.	0.6	57
20	Depth-Related Changes in Reproductive Strategy of a Cold-Temperate <i>Zostera marina</i> Meadow. <i>Estuaries and Coasts</i> , 2017, 40, 553-563.	2.2	29
21	Deep Penetration of Kelps Offshore Along the West Coast of Greenland. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	22
22	Reply to comment on our paper "Comparison of isotope pairing and N ₂ :Ar methods for measuring sediment denitrification". <i>Estuaries and Coasts</i> , 2004, 27, 177-178.	1.7	14
23	Denitrification in sediment of lowland streams: Regional and seasonal variation in Gelbålk and Rabis Bålk, Denmark. <i>FEMS Microbiology Letters</i> , 1988, 53, 335-344.	1.8	11