Kenneth ThorÃ¸ Martinsen

List of Publications by Year
in descending order

29 papers	1,626 citations	567281 15 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	4169 citing authors

#	Article	IF	Citations
1	Wind drives fast changes of light climate in a large, shallow re-established lake. Science of the Total Environment, 2022, 806, 151354.	8.0	8
2	Environmental drivers and sources of stream oxygen consumption in an agricultural lake catchment. Ecological Engineering, 2022, 176, 106516.	3.6	2
3	External Phosphorus Loading in New Lakes. Water (Switzerland), 2022, 14, 1008.	2.7	5
4	Distance decay 2.0 â€“ A global synthesis of taxonomic and functional turnover in ecological communities. Global Ecology and Biogeography, 2022, 31, 1399-1421.	5.8	40
5	Photosynthesis, growth, and distribution of plants in lowland streamsâ€”A synthesis and new data analyses of 40Âyears research. Freshwater Biology, 2022, 67, 1255-1271.	2.4	3
6	Large pools and fluxes of carbon, calcium and phosphorus in dense charophyte stands in ponds. Science of the Total Environment, 2021, 765, 142792.	8.0	8
7	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
8	Litter legacy after spruce plantation removal hampers initial vegetation establishment. Basic and Applied Ecology, 2020, 42, 4-14.	2.7	2
9	Carbon dioxide efflux and ecosystem metabolism of small forest lakes. Aquatic Sciences, 2020, 82, 1.	1.5	15
10	Temporal development of biodiversity of macrophytes in newly established lakes. Freshwater Biology, 2020, 65, 379-389.	2.4	10
11	Carbon Dioxide Partial Pressure and Emission Throughout the Scandinavian Stream Network. Global Biogeochemical Cycles, 2020, 34, e2020GB006703.	4.9	7
12	Elements of lake macrophyte metacommunity structure: Global variation and communityâ€environment relationships. Limnology and Oceanography, 2020, 65, 2883-2895.	3.1	16
13	From drought to flood: Sudden carbon inflow causes whole-lake anoxia and massive fish kill in a large shallow lake. Science of the Total Environment, 2020, 739, 140072.	8.0	18
14	Global patterns and determinants of lake macrophyte taxonomic, functional and phylogenetic beta diversity. Science of the Total Environment, 2020, 723, 138021.	8.0	38
15	Water temperature dynamics and the prevalence of daytime stratification in small temperate shallow lakes. Hydrobiologia, 2019, 826, 247-262.	2.0	28
16	Shallow plant-dominated lakes â€“ extreme environmental variability, carbon cycling and ecological species challenges. Annals of Botany, 2019, 124, 355-366.	2.9	22
17	Carbon dioxide fluxes of air-exposed sediments and desiccating ponds. Biogeochemistry, 2019, 144, 165-180.	3.5	10
18	The carbon pump supports high primary production in a shallow lake. Aquatic Sciences, 2019, 81, 1.	1.5	17

#	Article	IF	Citations
19	Early ecosystem responses to watershed restoration along a headwater stream. Ecological Engineering, 2018, 116, 154-162.	3.6	5
20	Technical note: A simple and cost-efficient automated floating chamber for continuous measurements of carbon dioxide gas flux on lakes. Biogeosciences, 2018, 15, 5565-5573.	3.3	14
21	The Dangers of Being a Small, Oligotrophic and Light Demanding Freshwater Plant across a Spatial and Historical Eutrophication Gradient in Southern Scandinavia. Frontiers in Plant Science, 2018, 9, 66.	3.6	13
22	Photosynthesis and calcification of charophytes. Aquatic Botany, 2018, 149, 46-51.	1.6	25
23	Recovery of lake vegetation following reduced eutrophication and acidification. Freshwater Biology, 2017, 62, 1847-1857.	2.4	26
24	High rates and close diel coupling of primary production and ecosystem respiration in small, oligotrophic lakes. Aquatic Sciences, 2017, 79, 995-1007.	1.5	15
25	Decadeâ€long time delays in nutrient and plant species dynamics during eutrophication and reâ€oligotrophication of Lake Fure 1900â€“2015. Journal of Ecology, 2017, 105, 690-700.	4.0	54
26	Remarkable richness of aquatic macrophytes in 3-years old re-established Lake Fil, Denmark. Ecological Engineering, 2016, 95, 375-383.	3.6	19
27	Waterâ€level fluctuations affect sediment properties, carbon flux and growth of the isoetid Littorella uniflora in oligotrophic lakes. Freshwater Biology, 2016, 61, 301-315.	2.4	27
28	From soaking wet to bone dry: predicting plant community composition along a steep hydrological gradient. Journal of Vegetation Science, 2015, 26, 619-630.	2.2	46
29	Lake metabolism scales with lake morphometry and catchment conditions. Aquatic Sciences, 2012, 74, 155-169.	1.5	94