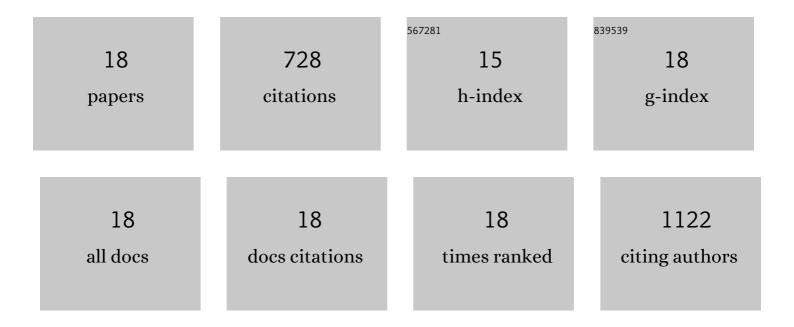
Franziska Koebsch

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7681828/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The climate benefits of topsoil removal and <scp><i>Sphagnum</i></scp> introduction in raised bog restoration. Restoration Ecology, 2022, 30, e13490.	2.9	16
2	Drought years in peatland rewetting: rapid vegetation succession can maintain the net CO ₂ sink function. Biogeosciences, 2021, 18, 917-935.	3.3	13
3	Identifying dominant environmental predictors of freshwater wetland methane fluxes across diurnal to seasonal time scales. Global Change Biology, 2021, 27, 3582-3604.	9.5	59
4	Congruent changes in microbial community dynamics and ecosystem methane fluxes following natural drought in two restored fens. Soil Biology and Biochemistry, 2021, 160, 108348.	8.8	15
5	Gap-filling eddy covariance methane fluxes: Comparison of machine learning model predictions and uncertainties at FLUXNET-CH4 wetlands. Agricultural and Forest Meteorology, 2021, 308-309, 108528.	4.8	33
6	Refining the role of phenology in regulating gross ecosystem productivity across European peatlands. Global Change Biology, 2020, 26, 876-887.	9.5	25
7	The impact of occasional drought periods on vegetation spread and greenhouse gas exchange in rewetted fens. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190685.	4.0	25
8	Altered energy partitioning across terrestrial ecosystems in the European drought year 2018. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190524.	4.0	35
9	From Understanding to Sustainable Use of Peatlands: The WETSCAPES Approach. Soil Systems, 2020, 4, 14.	2.6	45
10	Prompt rewetting of drained peatlands reduces climate warming despite methane emissions. Nature Communications, 2020, 11, 1644.	12.8	168
11	Sulfate deprivation triggers high methane production in a disturbed and rewetted coastal peatland. Biogeosciences, 2019, 16, 1937-1953.	3.3	29
12	Interdisciplinary Geoâ€ecological Research across Time Scales in the Northeast German Lowland Observatory (TERENOâ€NE). Vadose Zone Journal, 2018, 17, 1-25.	2.2	29
13	Predominance of methanogens over methanotrophs in rewetted fens characterized by high methane emissions. Biogeosciences, 2018, 15, 6519-6536.	3.3	38
14	High net CO ₂ and CH ₄ release at a eutrophic shallow lake on a formerly drained fen. Biogeosciences, 2016, 13, 3051-3070.	3.3	56
15	Controls for multi-scale temporal variation in ecosystem methane exchange during the growing season of a permanently inundated fen. Agricultural and Forest Meteorology, 2015, 204, 94-105.	4.8	67
16	Spatial Variability of Annual Estimates of Methane Emissions in a Phragmites Australis (Cav.) Trin. ex Steud. Dominated Restored Coastal Brackish Fen. Wetlands, 2014, 34, 593-602.	1.5	23
17	Vegetation controls methane emissions in a coastal brackish fen. Wetlands Ecology and Management, 2013, 21, 323-337.	1.5	31
18	CO ₂ exchange of a temperate fen during the conversion from moderately rewetting to flooding. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 940-950.	3.0	21