

# Ullrich Dettmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5693949/publications.pdf>

Version: 2024-02-01

11  
papers

224  
citations

1040056

9  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

378  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the applicability of unimodal and bimodal van Genuchten-Mualem based models to peat and other organic soils under evaporation conditions. <i>Journal of Hydrology</i> , 2014, 515, 103-115.	5.4	62
2	How do sand addition, soil moisture and nutrient status influence greenhouse gas fluxes from drained organic soils?. <i>Soil Biology and Biochemistry</i> , 2019, 135, 71-84.	8.8	48
3	Deriving Effective Soil Water Retention Characteristics from Shallow Water Table Fluctuations in Peatlands. <i>Vadose Zone Journal</i> , 2016, 15, 1-13.	2.2	23
4	One-dimensional expression to calculate specific yield for shallow groundwater systems with microrelief. <i>Hydrological Processes</i> , 2016, 30, 334-340.	2.6	19
5	Evaluating Commercial Moisture Probes in Reference Solutions Covering Mineral to Peat Soil Conditions. <i>Vadose Zone Journal</i> , 2018, 17, 170208.	2.2	14
6	Analysis of peat soil organic carbon, total nitrogen, soil water content and basal respiration: Is there a "best" drying temperature?. <i>Geoderma</i> , 2021, 403, 115231.	5.1	13
7	Evaporation experiments for the determination of hydraulic properties of peat and other organic soils: An evaluation of methods based on a large dataset. <i>Journal of Hydrology</i> , 2019, 575, 933-944.	5.4	12
8	Greenhouse Gas Balance of Sphagnum Farming on Highly Decomposed Peat at Former Peat Extraction Sites. <i>Ecosystems</i> , 2022, 25, 350-371.	3.4	12
9	Comparing Methods for Measuring Water Retention of Peat Near Permanent Wilting Point. <i>Soil Science Society of America Journal</i> , 2018, 82, 601-605.	2.2	11
10	Substrate quality of drained organic soils—Implications for carbon dioxide fluxes. <i>Journal of Plant Nutrition and Soil Science</i> , 2021, 184, 543-555.	1.9	5
11	Experimental warming increased greenhouse gas emissions of a near-natural peatland and Sphagnum farming sites. <i>Plant and Soil</i> , 2022, 480, 85-104.	3.7	5