

Tanja Broder

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

372
citations

1163117

8
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

620
citing authors

#	ARTICLE	IF	CITATIONS
1	Peat decomposition records in three pristine ombrotrophic bogs in southern Patagonia. <i>Biogeosciences</i> , 2012, 9, 1479-1491.	3.3	140
2	Nonlinear and threshold-dominated runoff generation controls DOC export in a small peat catchment. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 498-513.	3.0	41
3	Changes in dissolved organic matter quality in a peatland and forest headwater stream as a function of seasonality and hydrologic conditions. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 2035-2051.	4.9	35
4	The influence of Saharan dust deposits on La Palma soil properties (Canary Islands, Spain). <i>Catena</i> , 2013, 103, 44-52.	5.0	32
5	Hydrologic controls on DOC, As and Pb export from a polluted peatland – the importance of heavy rain events, antecedent moisture conditions and hydrological connectivity. <i>Biogeosciences</i> , 2015, 12, 4651-4664.	3.3	29
6	Peatbog resilience to pollution and climate change over the past 2700 years in the Harz Mountains, Germany. <i>Ecological Indicators</i> , 2019, 97, 183-193.	6.3	27
7	Sea spray, trace elements, and decomposition patterns as possible constraints on the evolution of CH ₄ and CO ₂ concentrations and isotopic signatures in oceanic ombrotrophic bogs. <i>Biogeochemistry</i> , 2015, 122, 327-342.	3.5	18
8	Linking major and trace element concentrations in a headwater stream to DOC release and hydrologic conditions in a bog and peaty riparian zone. <i>Applied Geochemistry</i> , 2017, 87, 188-201.	3.0	17
9	Divergent effect of silicon on greenhouse gas production from reduced and oxidized peat organic matter. <i>Geoderma</i> , 2021, 386, 114916.	5.1	10
10	Insight into the factors of mountain bog and forest development in the Schwarzwald Mts.: Implications for ecological restoration. <i>Ecological Indicators</i> , 2022, 140, 109039.	6.3	7
11	Methane fluxes but not respiratory carbon dioxide fluxes altered under Si amendment during drying – rewetting cycles in fen peat mesocosms. <i>Geoderma</i> , 2021, 404, 115338.	5.1	6
12	Relations of fire, palaeohydrology, vegetation succession, and carbon accumulation, as reconstructed from a mountain bog in the Harz Mountains (Germany) during the last 6200 years. <i>Geoderma</i> , 2022, 424, 115991.	5.1	5
13	Gradients of organic matter quality, mineralization and sequestration in Cook's Bay of Lake Simcoe, Canada. <i>Limnologica</i> , 2018, 68, 92-104.	1.5	3