Nils Broothaerts

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6513858/publications.pdf

Version: 2024-02-01

		759233	794594
18	560	12	19
papers	citations	h-index	g-index

20	20	20	896
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Legacy of human-induced C erosion and burial on soilâ€“atmosphere C exchange. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19492-19497.	7.1	126
2	Widespread global peatland establishment and persistence over the last 130,000 y. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4822-4827.	7.1	82
3	Variability in fluvial geomorphic response to anthropogenic disturbance. Geomorphology, 2017, 294, 20-39.	2.6	72
4	Evidence of anthropogenic tipping points in fluvial dynamics in Europe. Global and Planetary Change, 2018, 164, 27-38.	3.5	51
5	Reconstruction and semi-quantification of human impact in the Dijle catchment, central Belgium: a palynological and statistical approach. Quaternary Science Reviews, 2014, 102, 96-110.	3.0	34
6	Pollen-inferred regional vegetation patterns and demographic change in Southern Anatolia through the Holocene. Holocene, 2019, 29, 728-741.	1.7	31
7	From natural to human-dominated floodplain geoecology â€“ A Holocene perspective for the Dijle catchment, Belgium. Anthropocene, 2014, 8, 46-58.	3.3	26
8	Reconstructing past arboreal cover based on modern and fossil pollen data: A statistical approach for the Gredos Range (Central Spain). Review of Palaeobotany and Palynology, 2018, 255, 1-13.	1.5	22
9	Sensitivity of floodplain geoecology to human impact: A Holocene perspective for the headwaters of the Dijle catchment, central Belgium. Holocene, 2013, 23, 1403-1414.	1.7	21
10	Non-uniform and diachronous Holocene floodplain evolution: a case study from the Dijle catchment, Belgium. Journal of Quaternary Science, 2014, 29, 351-360.	2.1	21
11	Under pressure: Rapid lavaka erosion and floodplain sedimentation in central Madagascar. Science of the Total Environment, 2022, 806, 150483.	8.0	20
12	Geomorphic controls on floodplain sediment and soil organic carbon storage in a Scottish mountain river. Earth Surface Processes and Landforms, 2020, 45, 207-223.	2.5	19
13	The dialectic between deciduous and coniferous forests in central Iberia: A palaeoenvironmental perspective during the late Holocene in the Gredos range. Quaternary International, 2018, 470, 148-165.	1.5	12
14	Anthropogenic legacy effects control sediment and organic carbon storage in temperate river floodplains. Catena, 2020, 195, 104897.	5.0	8
15	Modelling long-term blanket peatland development in eastern Scotland. Biogeosciences, 2019, 16, 3977-3996.	3.3	5
16	The potential of REVEALS-based vegetation reconstructions using pollen records from alluvial floodplains. Vegetation History and Archaeobotany, 2022, 31, 525-540.	2.1	5
17	Changes in floodplain geo-ecology in the Belgian loess belt during the first millennium AD. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2021, 100, .	0.9	2
18	Modelling long-term alluvial-peatland dynamics in temperate river floodplains. Biogeosciences, 2021, 18, 6181-6212.	3.3	1