

Nils Broothaerts

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

560
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

896
citing authors

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