Martin Theuerkauf

List of Publications by Year
in descending order

36 papers	1,094 citations	394421 19 h-index	414414 32 g-index
41 all docs	41 docs citations	41 times ranked	1515 citing authors

#	Article	IF	Citations
1	Quantitative reconstructions of changes in regional openness in north-central Europe reveal new insights into old questions. Quaternary Science Reviews, 2012, 47, 131-149.	3.0	109
2	The European Modern Pollen Database (EMPD) project. Vegetation History and Archaeobotany, 2013, 22, 521-530.	2.1	101
3	Pollen productivity estimates strongly depend on assumed pollen dispersal. Holocene, 2013, 23, 14-24.	1.7	72
4	Holocene fire activity during low-natural flammability periods reveals scale-dependent cultural human-fire relationships in Europe. Quaternary Science Reviews, 2018, 201, 44-56.	3.0	67
5	Non-pollen palynomorphs from modern Alder carrs and their potential for interpreting microfossil data from peat. Review of Palaeobotany and Palynology, 2006, 141, 7-31.	1.5	54
6	A matter of dispersal: REVEALSinR introduces state-of-the-art dispersal models to quantitative vegetation reconstruction. Vegetation History and Archaeobotany, 2016, 25, 541-553.	2.1	52
7	Varve microfacies and varve preservation record of climate change and human impact for the last 6000 years at Lake Tiefer See (NE Germany). Holocene, 2017, 27, 450-464.	1.7	52
8	Fire hazard modulation by long-term dynamics in land cover and dominant forest type in eastern and central Europe. Biogeosciences, 2020, 17, 1213-1230.	3.3	52
9	Disruption of cultural burning promotes shrub encroachment and unprecedented wildfires. Frontiers in Ecology and the Environment, 2022, 20, 292-300.	4.0	46
10	Environmental impact of the Laacher See eruption at a large distance from the volcano: Integrated palaeoecological studies from Vorpommern (NE Germany). Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 270, 196-214.	2.3	45
11	Younger <scp>D</scp>ryas cold stage vegetation patterns of central <scp>E</scp>urope â€" climate, soil and relief controls. Boreas, 2012, 41, 391-407.	2.4	45
12	Corylus expansion and persistent openness in the early Holocene vegetation of northern central Europe. Quaternary Science Reviews, 2014, 90, 183-198.	3.0	42
13	Effects of changes in land management practices on pollen productivity of open vegetation during the last century derived from varved lake sediments. Holocene, 2015, 25, 733-744.	1.7	41
14	How old is the Tasmanian cultural landscape? A test of landscape openness using quantitative landâ€cover reconstructions. Journal of Biogeography, 2017, 44, 2410-2420.	3.0	30
15	Vegetation patterns, recent pollen deposition and distribution of nonâ€pollen palynomorphs in a polygon mire near Chokurdakh (NE Yakutia, NE Siberia). Boreas, 2009, 38, 39-58.	2.4	25
16	Pollenâ€"vegetation relationships in the central Caspian (Hyrcanian) forests of northern Iran. Review of Palaeobotany and Palynology, 2013, 189, 38-49.	1.5	22
17	The extended downscaling approach: A new R-tool for pollen-based reconstruction of vegetation patterns. Holocene, 2017, 27, 1252-1258.	1.7	22
18	Vegetation patterns, pollen deposition and distribution of non-pollen palynomorphs in an ice-wedge polygon near Kytalyk (NE Siberia), with some remarks on Arctic pollen morphology. Polar Biology, 2014, 37, 1393-1412.	1.2	20

#	Article	IF	Citations
19	Palaeosols and their cover sediments of a glacial landscape in northern central Europe: Spatial distribution, pedostratigraphy and evidence on landscape evolution. Catena, 2020, 193, 104647.	5.0	20
20	MARCO POLO â€" A new and simple tool for pollen-based stand-scale vegetation reconstruction. Holocene, 2017, 27, 321-330.	1.7	19
21	Substrate dependency of Lateglacial forests in northâ€east Germany: untangling vegetation patterns, ecological amplitudes and pollen dispersal in the past by downscaling regional pollen. Journal of Biogeography, 2009, 36, 942-953.	3.0	18
22	Understanding the Long Term Ecosystem Stability of a Fen Mire by Analyzing Subsurface Geology, Eco-Hydrology and Nutrient Stoichiometry â€" Case Study of the Rospuda Valley (NE Poland). Wetlands, 2014, 34, 815-828.	1.5	17
23	ROPES Reveals Past Land Cover and PPEs From Single Pollen Records. Frontiers in Earth Science, 2018, 6, .	1.8	17
24	Littoral landforms and pedosedimentary sequences indicating late Holocene lake-level changes in northern central Europe â€" A case study from northeastern Germany. Geomorphology, 2014, 216, 58-78.	2.6	16
25	Vegetation, recent pollen deposition, and distribution of some non-pollen palynomorphs in a degrading ice-wedge polygon mire complex near Pokhodsk (NE Siberia), including size-frequency analyses of pollen attributable to Betula. Review of Palaeobotany and Palynology, 2017, 238, 122-143.	1.5	15
26	Past human impact in a mountain forest: geoarchaeology of a medieval glass production and charcoal hearth site in the Erzgebirge, Germany. Regional Environmental Change, 2020, 20, 1.	2.9	15
27	The role of Medieval road operation on cultural landscape transformation. Scientific Reports, 2021, 11, 20876.	3.3	12
28	A submerged pine forest from the early Holocene in the Mecklenburg Lake District, northern Germany. Boreas, 2018, 47, 910-925.	2.4	9
29	Holocene lakeâ€level evolution of Lake Tiefer See, NE Germany, caused by climate and land cover changes. Boreas, 2022, 51, 299-316.	2.4	8
30	Relative pollen productivity estimates of savanna taxa from southern Africa and their application to reconstruct shrub encroachment during the last century. Holocene, 2021, 31, 1100-1111.	1.7	6
31	Pollen productivity estimates strongly depend on assumed pollen dispersal II: Extending the ERV model. Holocene, 2022, 32, 1233-1250.	1.7	6
32	Using Annual Resolution Pollen Analysis to Synchronize Varve and Tree-Ring Records. Quaternary, 2019, 2, 23.	2.0	5
33	Pine Forest Management and Disturbance in Northern Poland: Combining High-Resolution 100-Year-Old Paleoecological and Remote Sensing Data. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	5
34	Comment on : Pollen-based reconstruction of Holocene land-cover in mountain regions: Evaluation of the landscape reconstruction algorithm in the Vicdessos valley, northern Pyrenees, France. Quaternary Science Reviews, 2020, 244, 106463.	3.0	2
35	Short-distance distribution patterns of testate amoebae in an Arctic ice-wedge polygon mire (Berelekh-Indigirka lowlands, NE Siberia). Polar Biology, 2020, 43, 1321-1340.	1.2	2
36	Towards quantifying changes in forest cover in the Araucaria forest-grassland mosaic in southern Brazil. Vegetation History and Archaeobotany, 0, , 1.	2.1	2