

Mathias Trachsel

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

698
citations

623734

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713466

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1344
citing authors

#	ARTICLE	IF	CITATIONS
1	Forest responses to last millennium hydroclimate variability are governed by spatial variations in ecosystem sensitivity. <i>Ecology Letters</i> , 2021, 24, 498-508.	6.4	7
2	Comparison of settlement-era vegetation reconstructions for STEPPS and REVEALS pollen "vegetation models in the northeastern United States. <i>Quaternary Research</i> , 2020, 95, 23-42.	1.7	8
3	Last phase of the Little Ice Age forced by volcanic eruptions. <i>Nature Geoscience</i> , 2019, 12, 650-656.	12.9	93
4	All age "depth models are wrong, but are getting better. <i>Holocene</i> , 2017, 27, 860-869.	1.7	75
5	Technical note: Estimating unbiased transfer-function performances in spatially structured environments. <i>Climate of the Past</i> , 2016, 12, 1215-1223.	3.4	39
6	Assessing performance and seasonal bias of pollen-based climate reconstructions in a perfect model world. <i>Climate of the Past</i> , 2016, 12, 2255-2270.	3.4	20
7	Calibrating aquatic microfossil proxies with regression-tree ensembles: Cross-validation with modern chironomid and diatom data. <i>Holocene</i> , 2016, 26, 1040-1048.	1.7	10
8	Reconstructing Holocene glacier activity at Langfjordjøkelen, Arctic Norway, using multi-proxy fingerprinting of distal glacier-fed lake sediments. <i>Quaternary Science Reviews</i> , 2015, 114, 78-99.	3.0	36
9	Modelling annual mass balances of eight Scandinavian glaciers using statistical models. <i>Cryosphere</i> , 2015, 9, 1401-1414.	3.9	11
10	Late glacial and Holocene environmental changes inferred from sediments in Lake Myklevatnet, Nordfjord, western Norway. <i>Vegetation History and Archaeobotany</i> , 2014, 23, 229-248.	2.1	9
11	Inferring organic content of sediments by scanning reflectance spectroscopy (380-730 nm): applying a novel methodology in a case study from proglacial lakes in Norway. <i>Journal of Paleolimnology</i> , 2013, 50, 583-592.	1.6	3
12	Numerical analyses of a multi-proxy data set from a distal glacier-fed lake, Sjørsendalsvatn, western Norway. <i>Quaternary Science Reviews</i> , 2013, 73, 182-195.	3.0	24
13	A last millennium temperature reconstruction using chironomids preserved in sediments of anoxic Seebergsee (Switzerland): consensus at local, regional and Central European scales. <i>Quaternary Science Reviews</i> , 2012, 41, 49-56.	3.0	14
14	Multi-archive summer temperature reconstruction for the European Alps, AD 1053-1996. <i>Quaternary Science Reviews</i> , 2012, 46, 66-79.	3.0	59
15	Alpine climate during the Holocene: a comparison between records of glaciers, lake sediments and solar activity. <i>Journal of Quaternary Science</i> , 2011, 26, 703-713.	2.1	56
16	Scanning reflectance spectroscopy (380-730 nm): a novel method for quantitative high-resolution climate reconstructions from minerogenic lake sediments. <i>Journal of Paleolimnology</i> , 2010, 44, 979-994.	1.6	40
17	Thousand years of climate change reconstructed from chironomid subfossils preserved in varved lake Silvaplana, Engadine, Switzerland. <i>Quaternary Science Reviews</i> , 2010, 29, 1940-1949.	3.0	45
18	Quantitative summer temperature reconstruction derived from a combined biogenic Si and chironomid record from varved sediments of Lake Silvaplana (south-eastern Swiss Alps) back to AD 1177. <i>Quaternary Science Reviews</i> , 2010, 29, 2719-2730.	3.0	34

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19	High-resolution chironomid-inferred temperature history since ad 1580 from varved Lake Silvaplana, Switzerland: comparison with local and regional reconstructions. <i>Holocene</i> , 2009, 19, 1201-1212.	1.7	15
20	Mineralogy-based quantitative precipitation and temperature reconstructions from annually laminated lake sediments (Swiss Alps) since AD 1580. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	29
21	Ice-borne prehistoric finds in the Swiss Alps reflect Holocene glacier fluctuations. <i>Journal of Quaternary Science</i> , 2007, 22, 203-207.	2.1	71