

Christian

List of Publications by Year in descending order

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60
papers

2,766
citations

147801

31
h-index

182427

51
g-index

60
all docs

60
docs citations

60
times ranked

2611
citing authors

#	ARTICLE	IF	CITATIONS
1	Title is missing!. Journal of Paleolimnology, 2003, 30, 307-320.	1.6	255
2	Climatically induced lake level changes during the last two millennia as reflected in sediments of Laguna Potrok Aike, southern Patagonia (Santa Cruz, Argentina). Journal of Paleolimnology, 2005, 33, 283-302.	1.6	179
3	Lateglacial and Holocene wet-dry cycles in southern Patagonia: chronology, sedimentology and geochemistry of a lacustrine record from Laguna Potrok Aike, Argentina. Holocene, 2007, 17, 297-310.	1.7	161
4	Precipitation origin and evaporation of lakes in semi-arid Patagonia (Argentina) inferred from stable isotopes ($\delta^{18}O$, δ^2H). Journal of Hydrology, 2007, 334, 53-63.	5.4	132
5	Holocene variability of the Southern Hemisphere westerlies in Argentinean Patagonia (52°S). Quaternary Science Reviews, 2007, 26, 579-584.	3.0	117
6	Environmental history of southern Patagonia unravelled by the seismic stratigraphy of Laguna Potrok Aike. Sedimentology, 2009, 56, 873-892.	3.1	99
7	Crater lakes of the Pali Aike Volcanic Field as key sites for paleoclimatic and paleoecological reconstructions in southern Patagonia, Argentina. Journal of South American Earth Sciences, 2006, 21, 294-309.	1.4	97
8	Palaeoenvironmental changes in southern Patagonia during the last millennium recorded in lake sediments from Laguna Azul (Argentina). Palaeogeography, Palaeoclimatology, Palaeoecology, 2005, 228, 203-227.	2.3	93
9	Vegetation and climate dynamics in southern South America: The microfossil record of Laguna Potrok Aike, Santa Cruz, Argentina. Review of Palaeobotany and Palynology, 2007, 146, 234-246.	1.5	85
10	Isotopic fingerprints on lacustrine organic matter from Laguna Potrok Aike (southern Patagonia, Argentina). Journal of Paleolimnology, 2009, 42, 81-102.	1.6	71
11	Late Pleistocene dust deposition in the Patagonian steppe - extending and refining the paleoenvironmental and tephrochronological record from Laguna Potrok Aike back to 55 ka. Quaternary Science Reviews, 2009, 28, 2927-2939.	3.0	71
12	Lithology, radiocarbon chronology and sedimentological interpretation of the lacustrine record from Laguna Potrok Aike, southern Patagonia. Quaternary Science Reviews, 2013, 71, 54-69.	3.0	60
13	Hydrological variability in southeastern Patagonia and explosive volcanic activity in the southern Andean Cordillera during Oxygen Isotope Stage 3 and the Holocene inferred from lake sediments of Laguna Potrok Aike, Argentina. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 259, 213-229.	2.3	59
14	Laminated lake sediments in northeast Poland: distribution, preconditions for formation and potential for paleoenvironmental investigation. Journal of Paleolimnology, 2013, 50, 487-503.	1.6	58
15	Chemical mapping of mine waste drill cores with laser-induced breakdown spectroscopy (LIBS) and energy dispersive X-ray fluorescence (EDXRF) for mineral resource exploration. Journal of Geochemical Exploration, 2016, 161, 72-84.	3.2	58
16	Multiple dating of varved sediments from Lake Åezduny, northern Poland: Toward an improved chronology for the last 150 years. Quaternary Geochronology, 2013, 15, 98-107.	1.4	56
17	Transient simulations, empirical reconstructions and forcing mechanisms for the Mid-holocene hydrological climate in southern Patagonia. Climate Dynamics, 2007, 29, 333-355.	3.8	55
18	GLACIAL VARVE THICKNESS AND 127 YEARS OF INSTRUMENTAL CLIMATE DATA: A COMPARISON. Climatic Change, 1997, 36, 391-411.	3.6	50

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19	Reconstruction of palaeoprecipitation based on pollen transfer functions – the record of the last 16 k from Laguna Potrok Aike, southern Patagonia. <i>Quaternary Science Reviews</i> , 2013, 71, 175-190.	3.0	48
20	Causes and effects of long periods of ice cover on a remote high Alpine lake. <i>Journal of Limnology</i> , 2000, 59, 65.	1.1	47
21	A modified method for biogenic silica determination. <i>Journal of Paleolimnology</i> , 2008, 39, 137-142.	1.6	47
22	Conditions for deposition of annually laminated sediments in small meromictic lakes: a case study of Lake Suminko (northern Poland). <i>Journal of Paleolimnology</i> , 2012, 47, 55-70.	1.6	46
23	Palaeoenvironmental changes during the last 1600 years inferred from the sediment record of a cirque lake in southern Patagonia (Laguna Las Vizcachas, Argentina). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 281, 363-375.	2.3	45
24	Environmental change and fire history of southern Patagonia (Argentina) during the last five centuries. <i>Quaternary International</i> , 2006, 158, 72-82.	1.5	44
25	Quantifying human-induced eutrophication in Swiss mountain lakes since AD 1800 using diatoms. <i>Holocene</i> , 2007, 17, 1141-1154.	1.7	42
26	A high-altitude peatland record of environmental changes in the NW Argentine Andes (24 °S) over the last 2100 years. <i>Climate of the Past</i> , 2016, 12, 1165-1180.	3.4	42
27	Mechanisms of lake-level change at Laguna Potrok Aike (Argentina) – insights from hydrological balance calculations. <i>Quaternary Science Reviews</i> , 2013, 71, 27-45.	3.0	40
28	New insights into paleoenvironmental changes in Laguna Potrok Aike, southern Patagonia, since the Late Pleistocene: The PASADO multiproxy record. <i>Holocene</i> , 2012, 22, 1323-1335.	1.7	39
29	Practical guidelines and recent advances in the Itrax XRF core-scanning procedure. <i>Quaternary International</i> , 2019, 514, 16-29.	1.5	39
30	The PASADO core processing strategy – A proposed new protocol for sediment core treatment in multidisciplinary lake drilling projects. <i>Sedimentary Geology</i> , 2011, 239, 104-115.	2.1	38
31	Ice precipitation in a lacustrine environment – implications for palaeoclimatic studies using carbonates from Laguna Potrok Aike (Patagonia, Argentina). <i>Quaternary Science Reviews</i> , 2013, 71, 46-53.	3.0	32
32	Using distributions and stable isotopes of n-alkanes to disentangle organic matter contributions to sediments of Laguna Potrok Aike, Argentina. <i>Organic Geochemistry</i> , 2016, 102, 110-119.	1.8	32
33	Title is missing!. <i>Journal of Paleolimnology</i> , 2003, 30, 297-306.	1.6	28
34	Southern hemispheric westerlies control the spatial distribution of modern sediments in Laguna Potrok Aike, Argentina. <i>Journal of Paleolimnology</i> , 2010, 44, 887-902.	1.6	28
35	Precipitation and Dissolution of Calcite in a Swiss High Alpine Lake. <i>Arctic, Antarctic, and Alpine Research</i> , 2001, 33, 410.	1.1	28
36	Geochemistry unravels MIS 3/2 paleoenvironmental dynamics at the loess – paleosol sequence Schwalbenberg II, Germany. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 459, 537-551.	2.3	27

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37	Elemental composition of the Laguna Potrok Aike sediment sequence reveals paleoclimatic changes over the past 51,000 years in southern Patagonia, Argentina. <i>Journal of Paleolimnology</i> , 2014, 52, 349-366.	1.6	25
38	Global Radiation and Onset of Stratification as Forcing Factors of Seasonal Carbonate and Organic Matter Flux Dynamics in a Hypertrophic Hardwater Lake (Sacrower See, Northeastern Germany). <i>Aquatic Geochemistry</i> , 2008, 14, 73-98.	1.3	24
39	Reconstructing 2000 years of hydrological variation derived from laminated proglacial sediments of Lago del Desierto at the eastern margin of the South Patagonian Ice Field, Argentina. <i>Global and Planetary Change</i> , 2010, 72, 201-214.	3.5	23
40	Seismic evidence of up to 200 m lake level change in Southern Patagonia since Marine Isotope Stage 4. <i>Sedimentology</i> , 2012, 59, 1087-1100.	3.1	23
41	XRF scanning of discrete samples – A chemostratigraphic approach exemplified for loess-paleosol sequences from the Island of Susak, Croatia. <i>Quaternary International</i> , 2018, 494, 34-51.	1.5	20
42	High-resolution geochemical record of environmental changes during MIS 3 from the northern Alps (Nesseltalgraben, Germany). <i>Quaternary Science Reviews</i> , 2019, 218, 122-136.	3.0	20
43	Southern Hemispheric Westerlies control sedimentary processes of Laguna Azul (south-eastern Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	20
44	High-resolution paleomagnetic records from Laguna Potrok Aike (Patagonia, Argentina) for the last 16,000 years. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	18
45	Rock-magnetic proxies of wind intensity and dust since 51,200 cal BP from lacustrine sediments of Laguna Potrok Aike, southeastern Patagonia. <i>Earth and Planetary Science Letters</i> , 2015, 411, 72-86.	4.4	18
46	The last Glacial – Interglacial transition in Patagonia, Argentina: the stable isotope record of bulk sedimentary organic matter from Laguna Potrok Aike. <i>Quaternary Science Reviews</i> , 2013, 71, 205-218.	3.0	17
47	Paleoenvironmental conditions and sedimentation dynamics in Central Europe inferred from geochemical data of the loess-paleosol sequence at Sátt (Hungary). <i>Quaternary Science Reviews</i> , 2018, 196, 21-37.	3.0	16
48	Refining the Late Quaternary tephrochronology for southern South America using the Laguna Potrok Aike sedimentary record. <i>Quaternary Science Reviews</i> , 2019, 218, 137-156.	3.0	15
49	Stable Oxygen Isotope Records ($\delta^{18}O$) of a High-Andean Cushion Peatland in NW Argentina (24° S) Imply South American Summer Monsoon Related Moisture Changes During the Late Holocene. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	15
50	Characterizing oxygen isotope variability and host water relation of modern and subfossil aquatic mosses. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 130, 212-228.	3.9	14
51	Reply to the comment by F. Charbi on “Multiple dating of varved sediments from Lake Åzduny, northern Poland: Toward an improved chronology for the last 150 years” <i>Quaternary Geochronology</i> , 2014, 20, 111-113.	1.4	11
52	A sample carrier for measuring discrete powdered samples with an ITRAX XRF core scanner. <i>X-Ray Spectrometry</i> , 2018, 47, 58-62.	1.4	11
53	Experiences with XRF-Scanning of Long Sediment Records. <i>Developments in Paleoenvironmental Research</i> , 2015, , 351-372.	8.0	6
54	X-ray fluorescence scanning of discrete samples – An economical perspective. <i>Quaternary International</i> , 2019, 514, 68-75.	1.5	6

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55	Lacustrine particle dynamics in high-altitude Estany Red�� (Spain) - a high resolution sediment trap study. <i>Journal of Limnology</i> , 2006, 65, 89.	1.1	4
56	Tracing environmental change in southern Patagonia using beryllium isotopes, Laguna Potrok Aike, Argentina. <i>Quaternary Geochronology</i> , 2012, 9, 27-33.	1.4	4
57	Rock-magnetic and paleomagnetic studies on late-Holocene sediments from Laguna Ch��ltel (Patagonia, Argentina). <i>Journal of Quaternary Science</i> , 2014, 29, 1-14.	1.4	4
58	Pleistocene climatic and environmental variations inferred from a terrestrial sediment record from the Rodderberg Volcanic Complex near Bonn, Germany. <i>Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften</i> , 2014, 165, 407-424.	0.4	2
59	Periodic 1.5 ka climate variations during MIS 2 in the belt of Southern Hemispheric westerlies. <i>Quaternary Research</i> , 2017, 88, 110-120.	1.7	1
60	Testing lake-level reconstructions based on rock magnetic proxies for the sediment record of Laguna Ch��ltel (Patagonia, Argentina). <i>Quaternary Research</i> , 2020, 95, 113-128.	1.7	1