Bernhard Diekmann

List of Publications by Year
in descending order

86 papers	4,613 citations	117625 34 h-index	106344 65 g-index
104 all docs	104 docs citations	104 times ranked	5049 citing authors

#	Article	IF	Citations
1	The middle to Late Holocene environment on the Iturup Island (Kurils, North Western Pacific). Quaternary International, 2023, 644-645, 5-20.	1.5	8
2	Improving ageâ€“depth relationships by using the LANDO (â€œLinked age and depth modelingâ€) model ensemble. Geochronology, 2022, 4, 269-295.	2.5	2
3	Larix species range dynamics in Siberia since the Last Glacial captured from sedimentary ancient DNA. Communications Biology, 2022, 5, .	4.4	10
4	Effects of climate change and industrialization on Lake Bolshoe Toko, eastern Siberia. Journal of Paleolimnology, 2021, 65, 335-352.	1.6	16
5	Vegetation Changes in Southeastern Siberia During the Late Pleistocene and the Holocene. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	15
6	Glacial-interglacial sedimentation and paleocirculation at the Northwind Ridge, western Arctic Ocean. Quaternary Science Reviews, 2021, 258, 106882.	3.0	11
7	Orbital- and millennial-scale Antarctic Circumpolar Current variability in Drake Passage over the past 140,000 years. Nature Communications, 2021, 12, 3948.	12.8	28
8	Sediment and carbon accumulation in a glacial lake in Chukotka (Arctic Siberia) during the Late Pleistocene and Holocene: combining hydroacoustic profiling and down-core analyses. Biogeosciences, 2021, 18, 4791-4816.	3.3	6
9	Holocene evolution of a proglacial lake in southern Kamchatka, Russian Far East. Boreas, 2021, 50, 1011.	2.4	4
10	Late Quaternary Climate Reconstruction and Lead-Lag Relationships of Biotic and Sediment-Geochemical Indicators at Lake Bolshoe Toko, Siberia. Frontiers in Earth Science, 2021, 9, .	1.8	8
11	Harmonizing heterogeneous multi-proxy data from lake systems. Computers and Geosciences, 2021, 153, 104791.	4.2	6
12	Neotectonic Subsidence Along the Cenozoic Kunlun Fault (Tibetan Plateau). Geophysical Research Letters, 2021, 48, e2021GL094571.	4.0	3
13	14,000-year Carbon Accumulation Dynamics in a Siberian Lake Reveal Catchment and Lake Productivity Changes. Frontiers in Earth Science, 2021, 9, .	1.8	3
14	Deglacial Land-Ocean Linkages at the Alaskan Continental Margin in the Bering Sea. Frontiers in Earth Science, 2021, 9, .	1.8	4
15	Late Quaternary sedimentation dynamics in the Beenchime-Salaatinsky Crater, Northern Yakutia. Arktos, 2020, 6, 75-92.	1.0	3
16	Geochemical and sedimentological responses of arctic glacial Lake Ilirney, chukotka (far east Russia) to palaeoenvironmental change since â^¼451.8 ka BP. Quaternary Science Reviews, 2020, 247, 106607.	3.0	27
17	Sediment history mirrors Pleistocene aridification in the Gobi Desert (Ejina Basin, NW China). Solid Earth, 2020, 11, 1375-1398.	2.8	3
18	Surface sediment characteristics related to provenance and ocean circulation in the Drake Passage sector of the Southern Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 154, 103135.	1.4	14

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19	Spatial distribution of environmental indicators in surface sediments of Lake Bolshoe Toko, Yakutia, Russia. Biogeosciences, 2019, 16, 4023-4049.	3.3	28
20	Permafrost is warming at a global scale. Nature Communications, 2019, 10, 264.	12.8	1,039
21	Late Quaternary environments in the Gobi Desert of Mongolia: Vegetation, hydrological, and palaeoclimate evolution. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 514, 77-91.	2.3	19
22	Echo of the Younger Dryas in Holocene Lake Sediments on the Tibetan Plateau. Geophysical Research Letters, 2018, 45, 11,154.	4.0	15
23	Changes in temperature and water depth of a small mountain lake during the past 3000 years in Central Kamchatka reflected by a chironomid record. Quaternary International, 2017, 447, 46-58.	1.5	33
24	Reply to Chong Xuâ€™s comment on Wang Y, Herzschuh U, Liu X, Korup O, Diekmann B (2014) A high-resolution sedimentary archive from landslide-dammed Lake Mengda, north-eastern Tibetan Plateau. J Paleolimnol 51: 303â€“312. Journal of Paleolimnology, 2017, 57, 163-164.	1.6	0
25	Reconstruction of Holocene environmental changes in Southern Kurils (North-Western Pacific) based on palaeolake sediment proxies from Shikotan Island. Global and Planetary Change, 2017, 159, 25-36.	3.5	22
26	Geochemical imprints of coupled paleoenvironmental and provenance change in the lacustrine sequence of Orog Nuur, Gobi Desert of Mongolia. Journal of Paleolimnology, 2017, 58, 511-532.	1.6	19
27	A persistent northern boundary of Indian Summer Monsoon precipitation over Central Asia during the Holocene. Scientific Reports, 2016, 6, 25791.	3.3	47
28	Modern modes of provenance and dispersal of terrigenous sediments in the North Pacific and Bering Sea: implications and perspectives for palaeoenvironmental reconstructions. Geo-Marine Letters, 2016, 36, 259-270.	1.1	9
29	Cyclic magnetite dissolution in Pleistocene sediments of the abyssal northwest Pacific Ocean: Evidence for glacial oxygen depletion and carbon trapping. Paleoceanography, 2016, 31, 600-624.	3.0	53
30	Holocene ice dynamics and bottom-water formation associated with Cape Darnley polynya activity recorded in Burton Basin, East Antarctica. Marine Geophysical Researches, 2016, 37, 49-70.	1.2	19
31	Spatio-temporal pattern of detrital clay-mineral supply to a lake system on the north-eastern Tibetan Plateau, and its relationship to late Quaternary paleoenvironmental changes. Catena, 2016, 137, 203-218.	5.0	9
32	Holocene pollen record from Lake Sokoch, interior Kamchatka (Russia), and its paleobotanical and paleoclimatic interpretation. Global and Planetary Change, 2015, 134, 129-141.	3.5	8
33	A Process- and Provenance-Based Attempt to Unravel Inconsistent Radiocarbon Chronologies in Lake Sediments: An Example from Lake Heihai, North Tibetan Plateau (China). Radiocarbon, 2015, 57, 1003-1019.	1.8	23
34	Holocene environment of Central Kamchatka, Russia: Implications from a multi-proxy record of Two-Yurts Lake. Global and Planetary Change, 2015, 134, 101-117.	3.5	31
35	A radiolarian-based palaeoclimate history of Core Y9 (Northeast of Campbell Plateau, New Zealand) for the last 160 kyr. Marine Micropaleontology, 2015, 116, 1-14.	1.2	14
36	Northern Russian chironomid-based modern summer temperature data set and inference models. Global and Planetary Change, 2015, 134, 10-25.	3.5	53

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37	Linkages between Quaternary climate change and sedimentary processes in Hala Lake, northern Tibetan Plateau, China. Journal of Asian Earth Sciences, 2015, 107, 140-150.	2.3	26
38	Oxygen isotope composition of diatoms as Late Holocene climate proxy at Two-Yurts Lake, Central Kamchatka, Russia. Global and Planetary Change, 2015, 134, 118-128.	3.5	32
39	Basin evolution and palaeoenvironmental variability of the thermokarst lake <scp>E</scp>l'geneâ€<scp>K</scp>yuele, <scp>A</scp>rctic <scp>S</scp>iberia. Boreas, 2015, 44, 216-229.	2.4	22
40	Quantitative reconstruction of precipitation changes on the NE Tibetan Plateau since the Last Glacial Maximum â€“ extending the concept of pollen source area to pollen-based climate reconstructions from large lakes. Climate of the Past, 2014, 10, 21-39.	3.4	99
41	Sediment transport processes across the Tibetan Plateau inferred from robust grain-size end members in lake sediments. Climate of the Past, 2014, 10, 91-106.	3.4	126
42	A high-resolution sedimentary archive from landslide-dammed Lake Mengda, north-eastern Tibetan Plateau. Journal of Paleolimnology, 2014, 51, 303-312.	1.6	6
43	<scp>H</scp>olocene freshwater diatoms: palaeoenvironmental implications from south <scp>K</scp>amchatka, <scp>R</scp>ussia. Boreas, 2014, 43, 22-41.	2.4	11
44	Early to mid-Holocene lake high-stand sediments at Lake Donggi Cona, northeastern Tibetan Plateau, China. Quaternary Research, 2013, 79, 325-336.	1.7	82
45	Last glacial vegetation reconstructions in the extreme-continental eastern Asia: Potentials of pollen and n-alkane biomarker analyses. Quaternary International, 2013, 290-291, 253-263.	1.5	52
46	Holocene climate conditions in central Yakutia (Eastern Siberia) inferred from sediment composition and fossil chironomids of Lake Temje. Quaternary International, 2013, 290-291, 264-274.	1.5	56
47	Holocene lake stages and thermokarst dynamics in a discontinuous permafrost affected region, north-eastern Tibetan Plateau. Journal of Asian Earth Sciences, 2013, 76, 85-94.	2.3	8
48	Late Holocene climate and environmental changes in Kamchatka inferred from the subfossil chironomid record. Quaternary Science Reviews, 2013, 67, 81-92.	3.0	36
49	Holocene vegetation dynamics and climate change in Kamchatka Peninsula, Russian Far East. Review of Palaeobotany and Palynology, 2013, 190, 48-65.	1.5	33
50	Thermokarst Processes and Depositional Events in a Tundra Lake, Northeastern Siberia. Permafrost and Periglacial Processes, 2013, 24, 160-174.	3.4	48
51	Aeolian sediments on the north-eastern Tibetan Plateau. Quaternary Science Reviews, 2012, 57, 71-84.	3.0	93
52	Ecological development of Lake Donggi Cona, north-eastern Tibetan Plateau, since the late glacial on basis of organic geochemical proxies and non-pollen palynomorphs. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 313-314, 140-149.	2.3	50
53	Late Glacial and Holocene development of Lake Donggi Cona, north-eastern Tibetan Plateau, inferred from sedimentological analysis. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 337-338, 159-176.	2.3	76
54	Dry periods on the NE Tibetan Plateau during the late Quaternary. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 346-347, 108-119.	2.3	28

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55	Environmental conditions in the Donggi Cona lake catchment, NE Tibetan Plateau, based on factor analysis of geochemical data. Journal of Asian Earth Sciences, 2012, 44, 176-188.	2.3	35
56	An end-member algorithm for deciphering modern detrital processes from lake sediments of Lake Donggi Cona, NE Tibetan Plateau, China. Sedimentary Geology, 2012, 243-244, 169-180.	2.1	265
57	Characterisation of transport processes and sedimentary deposits by statistical end-member mixing analysis of terrestrial sediments in the Donggi Cona lake catchment, NE Tibetan Plateau. Sedimentary Geology, 2012, 281, 166-179.	2.1	44
58	Late Holocene diatom assemblages in a lake-sediment core from Central Kamchatka, Russia. Journal of Paleolimnology, 2012, 47, 549-560.	1.6	14
59	Quartz weathering in freezeâ€“thaw cycles: experiment and application to the el'gygytgyn crater lake record for tracing siberian permafrost history. Geografiska Annaler, Series A: Physical Geography, 2012, 94, 481-499.	1.5	40
60	Global, regional and local scale factors determining glaciation extent in Eastern Siberia over the last 140,000 years. Quaternary Science Reviews, 2011, 30, 821-831.	3.0	21
61	Mineralogy of glaciomarine sediments from the Prydz Bayâ€“Kerguelen region: relation to modern depositional environments. Antarctic Science, 2011, 23, 164-179.	0.9	19
62	Fragilaria flexura sp. nov. (Bacillariophyceae) - A new freshwater diatom from a meso-oligotrophic mountain lake on the Kamchatka Peninsula, Russia. Nova Hedwigia, 2011, 92, 441-451.	0.4	3
63	Quantitative relationship between water-depth and sub-fossil ostracod assemblages in Lake Donggi Cona, Qinghai Province, China. Journal of Paleolimnology, 2010, 43, 589-608.	1.6	72
64	A 12.5â€kyr history of vegetation dynamics and mire development with evidence of Younger Dryas larch presence in the Verkhoyansk Mountains, East Siberia, Russia. Boreas, 2010, 39, 56-68.	2.4	27
65	Ostracods and stable isotopes of a late glacial and Holocene lake record from the NE Tibetan Plateau. Chemical Geology, 2010, 276, 95-103.	3.3	107
66	Hydrological evolution during the last 15kyr in the Tso Kar lake basin (Ladakh, India), derived from geomorphological, sedimentological and palynological records. Quaternary Science Reviews, 2010, 29, 1138-1155.	3.0	191
67	Late Quaternary vegetation and environments in the Verkhoyansk Mountains region (NE Asia) reconstructed from a 50-kyr fossil pollen record from Lake Billyakh. Quaternary Science Reviews, 2010, 29, 2071-2086.	3.0	75
68	Holocene environments and climate in the Mongolian Altai reconstructed from the Hoton-Nur pollen and diatom records: a step towards better understanding climate dynamics in Central Asia. Quaternary Science Reviews, 2009, 28, 540-554.	3.0	204
69	Detrital sediment supply in the southern Okinawa Trough and its relation to sea-level and Kuroshio dynamics during the late Quaternary. Marine Geology, 2008, 255, 83-95.	2.1	135
70	Mineralogical implications for the Late Pleistocene glaciation in Amery Oasis, East Antarctica, from a lake sediment core. Antarctic Science, 2008, 20, 169-172.	0.9	4
71	Sedimentary patterns in the late Quaternary Southern Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 2350-2366.	1.4	48
72	Onset of Cenozoic Antarctic glaciation. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 2293-2307.	1.4	50

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73	Sediment provenance of late Quaternary morainic, fluvial and loess-like deposits in the southwestern Verkhoyansk Mountains (eastern Siberia) and implications for regional palaeoenvironmental reconstructions. Geological Journal, 2007, 42, 477-497.	1.3	16
74	Environmental changes in the northern Altai during the last millennium documented in Lake Teletskoye pollen record. Quaternary Research, 2007, 67, 394-399.	1.7	27
75	800-yr-long records of annual air temperature and precipitation over southern Siberia inferred from Teletskoye Lake sediments. Quaternary Research, 2007, 67, 400-410.	1.7	85
76	Controls on carbonate and terrigenous deposition in the incipient Benguela upwelling system during the middle to the late Miocene (ODP Sites 1085 and 1087). Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 241, 515-530.	2.3	13
77	Palaeoclimate signals as inferred from stable-isotope composition of ground ice in the Verkhoyansk foreland, Central Yakutia. Permafrost and Periglacial Processes, 2006, 17, 119-132.	3.4	48
78	Message from the fish teeth. Nature, 2004, 430, 26-27.	27.8	1
79	Middle Eocene to early Miocene environmental changes in the sub-Antarctic Southern Ocean: evidence from biogenic and terrigenous depositional patterns at ODP Site 1090. Global and Planetary Change, 2004, 40, 295-313.	3.5	63
80	Distribution of clay minerals and proxies for productivity in surface sediments of the Bellingshausen and Amundsen seas (West Antarctica) â€“ Relation to modern environmental conditions. Marine Geology, 2003, 193, 253-271.	2.1	79
81	Environmental history of the south-eastern South Atlantic since the Middle Miocene: evidence from the sedimentological records of ODP Sites 1088 and 1092. Sedimentology, 2003, 50, 511-529.	3.1	59
82	Sedimentary record of the mid-Pleistocene climate transition in the southeastern South Atlantic (ODP Site 1090). Palaeogeography, Palaeoclimatology, Palaeoecology, 2002, 182, 241-258.	2.3	63
83	Late Quaternary variability of ocean circulation in the southeastern South Atlantic inferred from the terrigenous sediment record of a drift deposit in the southern Cape Basin (ODP Site 1089). Palaeogeography, Palaeoclimatology, Palaeoecology, 2002, 182, 287-303.	2.3	64
84	Late Quaternary changes of western equatorial Atlantic surface circulation and Amazon lowland climate recorded in CearÃ¡ Rise deep-sea sediments. Paleoceanography, 2001, 16, 293-305.	3.0	46
85	Terrigenous sediment supply in the Scotia Sea (Southern Ocean): response to Late Quaternary ice dynamics in Patagonia and on the Antarctic Peninsula. Palaeogeography, Palaeoclimatology, Palaeoecology, 2000, 162, 357-387.	2.3	85
86	Provenance and dispersal of glacialâ€“marine surface sediments in the Weddell Sea and adjoining areas, Antarctica: ice-rafting versus current transport. Marine Geology, 1999, 158, 209-231.	2.1	96