

Bernhard Diekmann

List of Publications by Year in descending order

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86
papers

4,613
citations

117619

34
h-index

106340

65
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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). <i>Quaternary International</i> , 2023, 644-645, 5-20.	1.5	8
2	Improving age–depth relationships by using the LANDO (‘‘Linked age and depth modeling’’) model ensemble. <i>Geochronology</i> , 2022, 4, 269-295.	2.5	2
3	<i>Larix</i> species range dynamics in Siberia since the Last Glacial captured from sedimentary ancient DNA. <i>Communications Biology</i> , 2022, 5, .	4.4	10
4	Effects of climate change and industrialization on Lake Bolshoe Toko, eastern Siberia. <i>Journal of Paleolimnology</i> , 2021, 65, 335-352.	1.6	16
5	Vegetation Changes in Southeastern Siberia During the Late Pleistocene and the Holocene. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	15
6	Glacial-interglacial sedimentation and paleocirculation at the Northwind Ridge, western Arctic Ocean. <i>Quaternary Science Reviews</i> , 2021, 258, 106882.	3.0	11
7	Orbital- and millennial-scale Antarctic Circumpolar Current variability in Drake Passage over the past 140,000 years. <i>Nature Communications</i> , 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. <i>Biogeosciences</i> , 2021, 18, 4791-4816.	3.3	6
9	Holocene evolution of a proglacial lake in southern Kamchatka, Russian Far East. <i>Boreas</i> , 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. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	8
11	Harmonizing heterogeneous multi-proxy data from lake systems. <i>Computers and Geosciences</i> , 2021, 153, 104791.	4.2	6
12	Neotectonic Subsidence Along the Cenozoic Kunlun Fault (Tibetan Plateau). <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094571.	4.0	3
13	14,000-year Carbon Accumulation Dynamics in a Siberian Lake Reveal Catchment and Lake Productivity Changes. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	3
14	Deglacial Land-Ocean Linkages at the Alaskan Continental Margin in the Bering Sea. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	4
15	Late Quaternary sedimentation dynamics in the Beenchime-Salaatinsky Crater, Northern Yakutia. <i>Arktos</i> , 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 ~1451.8 ka BP. <i>Quaternary Science Reviews</i> , 2020, 247, 106607.	3.0	27
17	Sediment history mirrors Pleistocene aridification in the Gobi Desert (Ejina Basin, NW China). <i>Solid Earth</i> , 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. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 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. <i>Biogeosciences</i> , 2019, 16, 4023-4049.	3.3	28
20	Permafrost is warming at a global scale. <i>Nature Communications</i> , 2019, 10, 264.	12.8	1,039
21	Late Quaternary environments in the Gobi Desert of Mongolia: Vegetation, hydrological, and palaeoclimate evolution. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 514, 77-91.	2.3	19
22	Echo of the Younger Dryas in Holocene Lake Sediments on the Tibetan Plateau. <i>Geophysical Research Letters</i> , 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. <i>Quaternary International</i> , 2017, 447, 46-58.	1.5	33
24	Reply to Chong Xu's comment on Wang Y, Herzsuh U, Liu X, Korup O, Diekmann B (2014) A high-resolution sedimentary archive from landslide-dammed Lake Mengda, north-eastern Tibetan Plateau. <i>J Paleolimnol</i> 51: 303-312. <i>Journal of Paleolimnology</i> , 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. <i>Global and Planetary Change</i> , 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. <i>Journal of Paleolimnology</i> , 2017, 58, 511-532.	1.6	19
27	A persistent northern boundary of Indian Summer Monsoon precipitation over Central Asia during the Holocene. <i>Scientific Reports</i> , 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. <i>Geo-Marine Letters</i> , 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. <i>Paleoceanography</i> , 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. <i>Marine Geophysical Researches</i> , 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. <i>Catena</i> , 2016, 137, 203-218.	5.0	9
32	Holocene pollen record from Lake Sokoch, interior Kamchatka (Russia), and its paleobotanical and paleoclimatic interpretation. <i>Global and Planetary Change</i> , 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). <i>Radiocarbon</i> , 2015, 57, 1003-1019.	1.8	23
34	Holocene environment of Central Kamchatka, Russia: Implications from a multi-proxy record of Two-Yurts Lake. <i>Global and Planetary Change</i> , 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. <i>Marine Micropaleontology</i> , 2015, 116, 1-14.	1.2	14
36	Northern Russian chironomid-based modern summer temperature data set and inference models. <i>Global and Planetary Change</i> , 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. <i>Journal of Asian Earth Sciences</i> , 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. <i>Global and Planetary Change</i> , 2015, 134, 118-128.	3.5	32
39	Basin evolution and palaeoenvironmental variability of the thermokarst lake <i>Geneâ€šK&yuele, A&rctic S&iberia</i> . <i>Boreas</i> , 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. <i>Climate of the Past</i> , 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. <i>Climate of the Past</i> , 2014, 10, 91-106.	3.4	126
42	A high-resolution sedimentary archive from landslide-dammed Lake Mengda, north-eastern Tibetan Plateau. <i>Journal of Paleolimnology</i> , 2014, 51, 303-312.	1.6	6
43	<i>H&olocene freshwater diatoms: palaeoenvironmental implications from south Kamchatka, Russia</i> . <i>Boreas</i> , 2014, 43, 22-41.	2.4	11
44	Early to mid-Holocene lake high-stand sediments at Lake Donggi Cona, northeastern Tibetan Plateau, China. <i>Quaternary Research</i> , 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. <i>Quaternary International</i> , 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. <i>Quaternary International</i> , 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. <i>Journal of Asian Earth Sciences</i> , 2013, 76, 85-94.	2.3	8
48	Late Holocene climate and environmental changes in Kamchatka inferred from the subfossil chironomid record. <i>Quaternary Science Reviews</i> , 2013, 67, 81-92.	3.0	36
49	Holocene vegetation dynamics and climate change in Kamchatka Peninsula, Russian Far East. <i>Review of Palaeobotany and Palynology</i> , 2013, 190, 48-65.	1.5	33
50	Thermokarst Processes and Depositional Events in a Tundra Lake, Northeastern Siberia. <i>Permafrost and Periglacial Processes</i> , 2013, 24, 160-174.	3.4	48
51	Aeolian sediments on the north-eastern Tibetan Plateau. <i>Quaternary Science Reviews</i> , 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. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 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. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 337-338, 159-176.	2.3	76
54	Dry periods on the NE Tibetan Plateau during the late Quaternary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 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. <i>Journal of Asian Earth Sciences</i> , 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. <i>Sedimentary Geology</i> , 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. <i>Sedimentary Geology</i> , 2012, 281, 166-179.	2.1	44
58	Late Holocene diatom assemblages in a lake-sediment core from Central Kamchatka, Russia. <i>Journal of Paleolimnology</i> , 2012, 47, 549-560.	1.6	14
59	Quartz weathering in freeze-thaw cycles: experiment and application to the el'gygytyn crater lake record for tracing siberian permafrost history. <i>Geografiska Annaler, Series A: Physical Geography</i> , 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. <i>Quaternary Science Reviews</i> , 2011, 30, 821-831.	3.0	21
61	Mineralogy of glaciomarine sediments from the Prydz Bay-Kerguelen region: relation to modern depositional environments. <i>Antarctic Science</i> , 2011, 23, 164-179.	0.9	19
62	<i>Fragilaria flexura</i> sp. nov. (Bacillariophyceae) - A new freshwater diatom from a meso-oligotrophic mountain lake on the Kamchatka Peninsula, Russia. <i>Nova Hedwigia</i> , 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. <i>Journal of Paleolimnology</i> , 2010, 43, 589-608.	1.6	72
64	A 12.5-kyr history of vegetation dynamics and mire development with evidence of Younger Dryas larch presence in the Verkhoyansk Mountains, East Siberia, Russia. <i>Boreas</i> , 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. <i>Chemical Geology</i> , 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. <i>Quaternary Science Reviews</i> , 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. <i>Quaternary Science Reviews</i> , 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. <i>Quaternary Science Reviews</i> , 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. <i>Marine Geology</i> , 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. <i>Antarctic Science</i> , 2008, 20, 169-172.	0.9	4
71	Sedimentary patterns in the late Quaternary Southern Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 2350-2366.	1.4	48
72	Onset of Cenozoic Antarctic glaciation. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 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. <i>Geological Journal</i> , 2007, 42, 477-497.	1.3	16
74	Environmental changes in the northern Altai during the last millennium documented in Lake Teletskoye pollen record. <i>Quaternary Research</i> , 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. <i>Quaternary Research</i> , 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). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 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. <i>Permafrost and Periglacial Processes</i> , 2006, 17, 119-132.	3.4	48
78	Message from the fish teeth. <i>Nature</i> , 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. <i>Global and Planetary Change</i> , 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) – Relation to modern environmental conditions. <i>Marine Geology</i> , 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. <i>Sedimentology</i> , 2003, 50, 511-529.	3.1	59
82	Sedimentary record of the mid-Pleistocene climate transition in the southeastern South Atlantic (ODP Site 1090). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 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). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 182, 287-303.	2.3	64
84	Late Quaternary changes of western equatorial Atlantic surface circulation and Amazon lowland climate recorded in Cear Rise deep-sea sediments. <i>Paleoceanography</i> , 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. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 162, 357-387.	2.3	85
86	Provenance and dispersal of glacial–marine surface sediments in the Weddell Sea and adjoining areas, Antarctica: ice-rafting versus current transport. <i>Marine Geology</i> , 1999, 158, 209-231.	2.1	96