

Andre Bahr

List of Publications by Year in descending order

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74
papers

2,682
citations

186265

28
h-index

197818

49
g-index

76
all docs

76
docs citations

76
times ranked

3091
citing authors

#	ARTICLE	IF	CITATIONS
1	Late glacial to Holocene climate and sedimentation history in the NW Black Sea. <i>Marine Geology</i> , 2005, 214, 309-322.	2.1	149
2	Onset of Mediterranean outflow into the North Atlantic. <i>Science</i> , 2014, 344, 1244-1250.	12.6	144
3	Multicentennial-scale hydrological changes in the Black Sea and northern Red Sea during the Holocene and the Arctic/North Atlantic Oscillation. <i>Paleoceanography</i> , 2006, 21, n/a-n/a.	3.0	136
4	Late glacial to Holocene paleoenvironmental evolution of the Black Sea, reconstructed with stable oxygen isotope records obtained on ostracod shells. <i>Earth and Planetary Science Letters</i> , 2006, 241, 863-875.	4.4	111
5	Molecular and isotopic partitioning of low-molecular-weight hydrocarbons during migration and gas hydrate precipitation in deposits of a high-flux seepage site. <i>Chemical Geology</i> , 2010, 269, 350-363.	3.3	102
6	A reference time scale for Site U1385 (Shackleton Site) on the SW Iberian Margin. <i>Global and Planetary Change</i> , 2015, 133, 49-64.	3.5	99
7	Estimated Reservoir Ages of the Black Sea Since the Last Glacial. <i>Radiocarbon</i> , 2008, 50, 99-118.	1.8	98
8	Vodyanitskii mud volcano, Sorokin trough, Black Sea: Geological characterization and quantification of gas bubble streams. <i>Marine and Petroleum Geology</i> , 2009, 26, 1799-1811.	3.3	93
9	Geological control and magnitude of methane ebullition from a high-flux seep area in the Black Sea—the Kerch seep area. <i>Marine Geology</i> , 2012, 319-322, 57-74.	2.1	92
10	Empirical calibration of the clumped isotope paleothermometer using calcites of various origins. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 141, 127-144.	3.9	87
11	Deciphering bottom current velocity and paleoclimate signals from contourite deposits in the Gulf of Adiz during the last 140 kyr: An inorganic geochemical approach. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3145-3160.	2.5	86
12	Abrupt changes of temperature and water chemistry in the late Pleistocene and early Holocene Black Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	79
13	North Atlantic control on precipitation pattern in the eastern Mediterranean/Black Sea region during the last glacial. <i>Quaternary Research</i> , 2009, 71, 375-384.	1.7	76
14	Diagenetic barium cycling in Black Sea sediments – A case study for anoxic marine environments. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 88, 88-105.	3.9	67
15	Persistent monsoonal forcing of Mediterranean Outflow Water dynamics during the late Pleistocene. <i>Geology</i> , 2015, 43, 951-954.	4.4	67
16	Pliocene oceanic seaways and global climate. <i>Scientific Reports</i> , 2017, 7, 39842.	3.3	67
17	Gas hydrates in shallow deposits of the Amsterdam mud volcano, Anaximander Mountains, Northeastern Mediterranean Sea. <i>Geo-Marine Letters</i> , 2010, 30, 187-206.	1.1	56
18	Complex plumbing systems in the near subsurface: Geometries of authigenic carbonates from Dolgovskoy Mound (Black Sea) constrained by analogue experiments. <i>Marine and Petroleum Geology</i> , 2008, 25, 457-472.	3.3	53

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19	IODP Expedition 339 in the Gulf of Cadiz and off West Iberia: decoding the environmental significance of the Mediterranean outflow water and its global influence. <i>Scientific Drilling</i> , 0, 16, 1-11.	0.6	53
20	High-intensity gas seepage causes rafting of shallow gas hydrates in the southeastern Black Sea. <i>Earth and Planetary Science Letters</i> , 2011, 307, 35-46.	4.4	50
21	Paleo-ENSO influence on African environments and early modern humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	47
22	Authigenic carbonate precipitates from the NE Black Sea: a mineralogical, geochemical, and lipid biomarker study. <i>International Journal of Earth Sciences</i> , 2009, 98, 677-695.	1.8	42
23	Mediterranean Overflow Over the Last 250 kyr: Freshwater Forcing From the Tropics to the Ice Sheets. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003931.	2.9	42
24	The "Shackleton Site" (IODP Site U1385) on the Iberian Margin. <i>Scientific Drilling</i> , 0, 16, 13-19.	0.6	41
25	Comparison of Ba/Ca and $\delta^{18}O$ as freshwater proxies: A multi-species core-top study on planktonic foraminifera from the vicinity of the Quinoco	4.4	40
26	Mississippi River discharge over the last ~560,000 years: Indications from X-ray fluorescence core-scanning. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 298, 311-318.	2.3	39
27	New insights into upper MOW variability over the last 150 kyr from IODP 339 Site U1386 in the Gulf of Cadiz. <i>Marine Geology</i> , 2016, 377, 136-145.	2.1	37
28	Quaternary chronostratigraphic framework and sedimentary processes for the Gulf of Cadiz and Portuguese Contourite Depositional Systems derived from Natural Gamma Ray records. <i>Marine Geology</i> , 2016, 377, 40-57.	2.1	32
29	Rapid deglacial injection of nutrients into the tropical Atlantic via Antarctic Intermediate Water. <i>Earth and Planetary Science Letters</i> , 2017, 463, 118-126.	4.4	31
30	Mediterranean Outflow and surface water variability off southern Portugal during the early Pleistocene: A snapshot at Marine Isotope Stages 29 to 34 (1020–1135 ka). <i>Global and Planetary Change</i> , 2015, 133, 223-237.	3.5	29
31	Geochemical evidence for intermediate water circulation in the westernmost Mediterranean over the last 20 kyr BP and its impact on the Mediterranean Outflow. <i>Global and Planetary Change</i> , 2015, 135, 38-46.	3.5	29
32	A new mechanism for millennial scale positive precipitation anomalies over tropical South America. <i>Quaternary Science Reviews</i> , 2019, 225, 105990.	3.0	29
33	Authigenic carbonates from the eastern Black Sea as an archive for shallow gas hydrate dynamics: Results from the combination of CT imaging with mineralogical and stable isotope analyses. <i>Marine and Petroleum Geology</i> , 2010, 27, 1819-1829.	3.3	27
34	Mediterranean Outflow Water dynamics during the past ~570 kyr: Regional and global implications. <i>Paleoceanography</i> , 2017, 32, 634-647.	3.0	23
35	Caribbean hydroclimate and vegetation history across the last glacial period. <i>Quaternary Science Reviews</i> , 2019, 218, 75-90.	3.0	23
36	<i>Solenosmilia variabilis</i> -bearing cold-water coral mounds off Brazil. <i>Coral Reefs</i> , 2020, 39, 69-83.	2.2	23

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37	Oceanic heat pulses fueling moisture transport towards continental Europe across the mid-Pleistocene transition. <i>Quaternary Science Reviews</i> , 2018, 179, 48-58.	3.0	21
38	Southward Displacement of the North Atlantic Subtropical Gyre Circulation System During North Atlantic Cold Spells. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 866-885.	2.9	21
39	Disentangling abrupt deglacial hydrological changes in northern South America: Insolation versus oceanic forcing. <i>Geology</i> , 2014, 42, 579-582.	4.4	20
40	Millennial-scale versus long-term dynamics in the surface and subsurface of the western North Atlantic Subtropical Gyre during Marine Isotope Stage 5. <i>Global and Planetary Change</i> , 2013, 111, 77-87.	3.5	19
41	Analysing spatio-temporal patterns of archaeological soils and sediments by comparing pXRF and different ICP-OES extraction methods. <i>Journal of Archaeological Science: Reports</i> , 2016, 9, 44-53.	0.5	19
42	Climatically forced moisture supply, sediment flux and pedogenesis in Miocene mudflat deposits of south-east Kazakhstan, Central Asia. <i>Depositional Record</i> , 2017, 3, 209-232.	1.7	18
43	Stratigraphy of Quaternary inner-shelf sediments in Taii ¹ / ₂ Oi ¹ / ₂ Bay, Hong Kong, based on ground-truthed seismic profiles. <i>Geo-Marine Letters</i> , 2005, 25, 20-33.	1.1	17
44	Sea-level and surface-water change in the western North Atlantic across the Oligocene-Miocene Transition: A palynological perspective from IODP Site U1406 (Newfoundland margin). <i>Marine Micropaleontology</i> , 2018, 139, 57-71.	1.2	17
45	Monsoonal Forcing of European Ice-Sheet Dynamics During the Late Quaternary. <i>Geophysical Research Letters</i> , 2018, 45, 7066-7074.	4.0	17
46	Hydrological variability in Florida Straits during Marine Isotope Stage 5 cold events. <i>Paleoceanography</i> , 2011, 26, .	3.0	16
47	Preservation of successive diagenetic stages in Middle Triassic bonebeds: Evidence from in situ trace element and strontium isotope analysis of vertebrate fossils. <i>Chemical Geology</i> , 2015, 410, 108-123.	3.3	16
48	Low-latitude expressions of high-latitude forcing during Heinrich Stadial 1 and the Younger Dryas in northern South America. <i>Global and Planetary Change</i> , 2018, 160, 1-9.	3.5	15
49	Forcing of western tropical South Atlantic sea surface temperature across three glacial-interglacial cycles. <i>Global and Planetary Change</i> , 2020, 188, 103150.	3.5	15
50	Deglacial Heat Uptake by the Southern Ocean and Rapid Northward Redistribution Via Antarctic Intermediate Water. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 1292-1305.	2.9	14
51	Insolation and Greenhouse Gas Forcing of the South American Monsoon System Across Three Glacial-Interglacial Cycles. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087948.	4.0	14
52	Plio-Pleistocene glacial-interglacial productivity changes in the eastern equatorial Pacific upwelling system. <i>Paleoceanography</i> , 2016, 31, 453-470.	3.0	10
53	Mega-monsoon variability during the late Triassic: Re-assessing the role of orbital forcing in the deposition of playa sediments in the Germanic Basin. <i>Sedimentology</i> , 2020, 67, 951-970.	3.1	10
54	Did North Atlantic cooling and freshening from 3.65-3.5 Ma precondition Northern Hemisphere ice sheet growth?. <i>Global and Planetary Change</i> , 2020, 185, 103085.	3.5	10

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55	The opening and closure of oceanic seaways during the Cenozoic: pacemaker of global climate change?. <i>Geological Society Special Publication</i> , 2023, 523, 141-171.	1.3	9
56	Subsurface Heat Channel Drove Sea Surface Warming in the High-Latitude North Atlantic During the Mid-Pleistocene Transition. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091899.	4.0	8
57	Constraining Millennial-Scale Changes in Northern Component Water Ventilation in the Western Tropical South Atlantic. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003876.	2.9	7
58	Role of the Tropical Atlantic for the Interhemispheric Heat Transport During the Last Deglaciation. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004107.	2.9	7
59	Monsoonal forcing of cold-water coral growth off southeastern Brazil during the past 160 kyr. <i>Biogeosciences</i> , 2020, 17, 5883-5908.	3.3	7
60	Glacial-interglacial changes in equatorial Pacific surface-water structure during the Pliocene-Pleistocene intensification of Northern Hemisphere Glaciation. <i>Earth and Planetary Science Letters</i> , 2017, 463, 69-80.	4.4	6
61	Western boundary current in relation to Atlantic Subtropical Gyre dynamics during abrupt glacial climate fluctuations. <i>Global and Planetary Change</i> , 2021, 201, 103497.	3.5	6
62	Mediterranean heat injection to the North Atlantic delayed the intensification of Northern Hemisphere glaciations. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	6
63	A data-model perspective on the Brazilian margin surface warming from the Last Glacial Maximum to the Holocene. <i>Quaternary Science Reviews</i> , 2022, 286, 107557.	3.0	6
64	Meridional changes in the South Atlantic Subtropical Gyre during Heinrich Stadials. <i>Scientific Reports</i> , 2021, 11, 9419.	3.3	5
65	Late Holocene Precipitation Fluctuations in South America Triggered by Variability of the North Atlantic Overturning Circulation. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004223.	2.9	5
66	Rapid humidity changes across the Northern South China Sea during the last ~40 kyr. <i>Marine Geology</i> , 2021, 440, 106579.	2.1	5
67	Changes in detrital input, ventilation and productivity in the central Okhotsk Sea during the marine isotope stage 5e, penultimate interglacial period. <i>Journal of Asian Earth Sciences</i> , 2018, 156, 189-200.	2.3	4
68	Changes in obliquity drive tree cover shifts in eastern tropical South America. <i>Quaternary Science Reviews</i> , 2022, 279, 107402.	3.0	4
69	Data report: IODP Site U1387: the revised splice between Sections U1387B-18X-3 and U1387C-8R-3 (>171.6) Tj ETQq1 1 0.784314	1.0	3
70	MOW strengthening and contourite development over two analog climate cycles (MIS 12-11 and MIS) Tj ETQq0 0 0 rgBT /Overlock 1 and Planetary Change, 2022, 208, 103721.	3.5	2
71	Loop Current Variability—Its Relation to Meridional Overturning Circulation and the Impact of Mississippi Discharge. <i>SpringerBriefs in Earth System Sciences</i> , 2015, , 55-62.	0.1	1
72	Obliquity Influence on Low-Latitude Coastal Precipitation in Eastern Brazil During the Past ~4850 kyr. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	1

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73	Spatiotemporal Discharge Variability of the Doce River in SE Brazil During MIS 6 and 5. <i>Frontiers in Earth Science</i> , 0, 10, .	1.8	1
74	Coupled Oceanic and Atmospheric Controls of Deglacial Southeastern South America Precipitation and Western South Atlantic Productivity. <i>Frontiers in Marine Science</i> , 0, 9, .	2.5	1