

# Kay-Christian Emeis

## List of Publications by Citations

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135  
papers

6,685  
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46  
h-index

78  
g-index

148  
ext. papers

7,345  
ext. citations

4.2  
avg, IF

5.43  
L-index

#	Paper	IF	Citations
135	ODP Leg 107 in the Tyrrhenian Sea: Insights into passive margin and back-arc basin evolution. <i>Bulletin of the Geological Society of America</i> , <b>1988</b> , 100, 1140-1156	3.9	334
134	Barite fronts in continental margin sediments: a new look at barium remobilization in the zone of sulfate reduction and formation of heavy barites in diagenetic fronts. <i>Chemical Geology</i> , <b>1996</b> , 127, 125-139	4.2	308
133	Selective preservation of organic matter in marine environments; processes and impact on the sedimentary record. <i>Biogeosciences</i> , <b>2010</b> , 7, 483-511	4.6	257
132	Temperature and salinity variations of Mediterranean Sea surface waters over the last 16,000 years from records of planktonic stable oxygen isotopes and alkenone unsaturation ratios. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2000</b> , 158, 259-280	2.9	254
131	African monsoon variability during the previous interglacial maximum. <i>Earth and Planetary Science Letters</i> , <b>2002</b> , 202, 61-75	5.3	232
130	Modulation and amplification of climatic changes in the Northern Hemisphere by the Indian summer monsoon during the past 80 k.y. <i>Geology</i> , <b>2001</b> , 29, 63	5	215
129	Why is the Eastern Mediterranean phosphorus limited?. <i>Progress in Oceanography</i> , <b>2010</b> , 85, 236-244	3.8	188
128	The sapropel record of the eastern Mediterranean Sea [Results of Ocean Drilling Program Leg 160. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2000</b> , 158, 371-395	2.9	156
127	Sea surface temperatures and ice rafting in the Holocene North Atlantic: climate influences on northern Europe and Greenland. <i>Quaternary Science Reviews</i> , <b>2004</b> , 23, 2113-2126	3.9	145
126	Reconstructing past planktic foraminiferal habitats using stable isotope data: a case history for Mediterranean sapropel S5. <i>Marine Micropaleontology</i> , <b>2004</b> , 50, 89-123	1.7	142
125	Sea-Surface Temperatures and the History of Monsoon Upwelling in the Northwest Arabian Sea during the Last 500,000 Years. <i>Quaternary Research</i> , <b>1995</b> , 43, 355-361	1.9	142
124	Benthic foraminiferal record of ecosystem variability in the eastern Mediterranean Sea during times of sapropel S5 and S6 deposition. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2003</b> , 190, 139-164	2.9	137
123	Changes in the C, N, P burial rates in some Baltic Sea sediments over the last 150 years [relevance to P regeneration rates and the phosphorus cycle. <i>Marine Geology</i> , <b>2000</b> , 167, 43-59	3.3	133
122	Provenance of lithogenic surface sediments and pathways of riverine suspended matter in the Eastern Mediterranean Sea: evidence from $^{143}\text{Nd}/^{144}\text{Nd}$ and $^{87}\text{Sr}/^{86}\text{Sr}$ ratios. <i>Chemical Geology</i> , <b>2002</b> , 186, 139-149	4.2	119
121	Travertine formation in Plitvice National Park, Yugoslavia: chemical versus biological control. <i>Sedimentology</i> , <b>1987</b> , 34, 595-609	3.3	113
120	Records of southern and central Baltic Sea eutrophication in $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ of sedimentary organic matter. <i>Marine Geology</i> , <b>2000</b> , 164, 157-171	3.3	112
119	Salinity changes in the central Baltic Sea (NW Europe) over the last 10000 years. <i>Holocene</i> , <b>2003</b> , 13, 411-421	4.1	111

118	Stable nitrogen isotopic ratios of sinking particles and sediments from the northern Indian Ocean. <i>Marine Chemistry</i> , <b>2005</b> , 96, 243-255	3.7	108
117	Climatic forcing of eastern Mediterranean deep-water formation and benthic ecosystems during the past 22000 years. <i>Quaternary Science Reviews</i> , <b>2010</b> , 29, 3006-3020	3.9	106
116	Late Glacial-Holocene climate variability at the south-eastern margin of the Aegean Sea. <i>Marine Geology</i> , <b>2009</b> , 266, 182-197	3.3	104
115	Black Sea impact on the formation of eastern Mediterranean sapropel S1? Evidence from the Marmara Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2003</b> , 190, 9-21	2.9	101
114	Development of anoxia during the Holocene fresh-brackish water transition in the Baltic Sea. <i>Marine Geology</i> , <b>2001</b> , 177, 221-242	3.3	98
113	Shallow gas in shelf sediments of the Namibian coastal upwelling ecosystem. <i>Continental Shelf Research</i> , <b>2004</b> , 24, 627-642	2.4	97
112	Organophosphate Esters in Air, Snow, and Seawater in the North Atlantic and the Arctic. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 6887-6896	10.3	94
111	Biological productivity during sapropel S5 formation in the Eastern Mediterranean Sea: evidence from stable isotopes of nitrogen and carbon. <i>Geochimica Et Cosmochimica Acta</i> , <b>2001</b> , 65, 3249-3266	5.5	94
110	An unusual mid-Pleistocene monsoon period over Africa and Asia. <i>Nature</i> , <b>1998</b> , 392, 269-272	50.4	88
109	Isotopic composition of nitrate in five German rivers discharging into the North Sea. <i>Organic Geochemistry</i> , <b>2008</b> , 39, 1678-1689	3.1	88
108	Long-chain alkenone patterns in the Baltic sea in ocean-freshwater transition. <i>Geochimica Et Cosmochimica Acta</i> , <b>2000</b> , 64, 469-477	5.5	86
107	Geochemical records of salt-water inflows into the deep basins of the Baltic Sea. <i>Continental Shelf Research</i> , <b>1997</b> , 17, 95-115	2.4	81
106	The North Sea is a shelf sea in the Anthropocene. <i>Journal of Marine Systems</i> , <b>2015</b> , 141, 18-33	2.7	69
105	The Toba Volcanic Event and Interstadial/Stadial Climates at the Marine Isotopic Stage 5 to 4 Transition in the Northern Indian Ocean. <i>Quaternary Research</i> , <b>2002</b> , 57, 22-31	1.9	68
104	A nitrate sink in estuaries? An assessment by means of stable nitrate isotopes in the Elbe estuary. <i>Limnology and Oceanography</i> , <b>2008</b> , 53, 1504-1511	4.8	62
103	Tethyan-Mediterranean organic carbon-rich sediments from Mesozoic black shales to sapropels. <i>Sedimentology</i> , <b>2009</b> , 56, 247-266	3.3	58
102	Diagenetic control of nitrogen isotope ratios in Holocene sapropels and recent sediments from the Eastern Mediterranean Sea. <i>Biogeosciences</i> , <b>2010</b> , 7, 3901-3914	4.6	57
101	Material transport from the near shore to the basinal environment in the southern Baltic Sea. <i>Journal of Marine Systems</i> , <b>2002</b> , 35, 151-168	2.7	57

100	Late glacial initiation of Holocene eastern Mediterranean sapropel formation. <i>Nature Communications</i> , <b>2015</b> , 6, 7099	17.4	56
99	Why some Mediterranean sapropels survived burn-down (and others did not). <i>Marine Geology</i> , <b>1997</b> , 141, 51-60	3.3	55
98	Paleoecological studies on variability in marine fish populations: A long-term perspective on the impacts of climatic change on marine ecosystems. <i>Journal of Marine Systems</i> , <b>2010</b> , 79, 316-326	2.7	54
97	Material transport from the nearshore to the basinal environment in the southern Baltic Sea: I. Processes and mass estimates. <i>Journal of Marine Systems</i> , <b>2002</b> , 35, 133-150	2.7	53
96	Spatial productivity variations during formation of sapropels S5 and S6 in the Mediterranean Sea: evidence from Ba contents. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2003</b> , 191, 169-190	2.9	53
95	Distribution and sources of organic matter in surface sediments of Bohai Sea near the Yellow River Estuary, China. <i>Estuarine, Coastal and Shelf Science</i> , <b>2015</b> , 165, 128-136	2.9	51
94	Coccolithophorid ecostratigraphy and multi-proxy paleoceanographic reconstruction in the Southern Adriatic Sea during the last deglacial time (Core AD91-17). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2003</b> , 190, 39-59	2.9	50
93	Spatial Distribution and Seasonal Variation of Organophosphate Esters in Air above the Bohai and Yellow Seas, China. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 89-97	10.3	49
92	Evidence of parallel denitrification and nitrite oxidation in the ODZ of the Arabian Sea from paired stable isotopes of nitrate and nitrite. <i>Global Biogeochemical Cycles</i> , <b>2013</b> , 27, 1059-1071	5.9	47
91	Controls on alkenone unsaturation ratios along the salinity gradient between the open ocean and the Baltic Sea. <i>Geochimica Et Cosmochimica Acta</i> , <b>2005</b> , 69, 3589-3600	5.5	47
90	Water depth and diagenetic constraints on the use of barium as a palaeoproductivity indicator. <i>Geological Society Special Publication</i> , <b>1992</b> , 64, 273-284	1.7	47
89	Sea surface temperature anomalies in the oceans at the LGM estimated from the alkenone-U37K? index: comparison with GCMs. <i>Geophysical Research Letters</i> , <b>2004</b> , 31,	4.9	46
88	Sr and Nd isotope composition of Late Pleistocene sapropels and nonsapropelic sediments from the Eastern Mediterranean Sea. <i>Geochimica Et Cosmochimica Acta</i> , <b>2002</b> , 66, 3585-3598	5.5	45
87	Influence of diagenesis on sedimentary $\delta^{15}N$ in the Arabian Sea over the last 130kyr. <i>Marine Geology</i> , <b>2011</b> , 284, 127-138	3.3	40
86	Late Pleistocene sedimentation in the Western Mediterranean Sea: implications for productivity changes and climatic conditions in the catchment areas. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2003</b> , 190, 121-137	2.9	40
85	Isotopic composition of nitrate in wet and dry atmospheric deposition on Crete in the eastern Mediterranean Sea. <i>Global Biogeochemical Cycles</i> , <b>2009</b> , 23, n/a-n/a	5.9	39
84	Terrestrial organic matter in surface sediments of the Baltic Sea, Northwest Europe, as determined by CuO oxidation. <i>Geochimica Et Cosmochimica Acta</i> , <b>2001</b> , 65, 1285-1299	5.5	38
83	Comparative biogeochemistryecosystemhuman interactions on dynamic continental margins. <i>Journal of Marine Systems</i> , <b>2015</b> , 141, 3-17	2.7	36

82	Five critical questions of scale for the coastal zone. <i>Estuarine, Coastal and Shelf Science</i> , <b>2012</b> , 96, 9-21	2.9	33
81	Nitrogen cycling on the Namibian shelf and slope over the last two climatic cycles: Local and global forcings. <i>Paleoceanography</i> , <b>2005</b> , 20, n/a-n/a		33
80	Contrasting sea surface temperature of summer and winter monsoon variability in the northern Arabian Sea over the last 25 ka. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2015</b> , 426, 10-21	2.9	32
79	Geochemical records of sediments in the Eastern Gotland Basin—products of sediment dynamics in a not-so-stagnant anoxic basin?. <i>Applied Geochemistry</i> , <b>1998</b> , 13, 349-358	3.5	32
78	Origin and transport of terrestrial organic matter from the Oder lagoon to the Arkona Basin, Southern Baltic Sea. <i>Organic Geochemistry</i> , <b>2000</b> , 31, 57-66	3.1	32
77	Using fluffy layer material to study the fate of particle-bound organic pollutants in the southern Baltic Sea. <i>Environmental Science &amp; Technology</i> , <b>2001</b> , 35, 1567-73	10.3	31
76	The occurrence and significance of Pleistocene and Upper Pliocene sapropels in the Tyrrhenian Sea. <i>Marine Geology</i> , <b>1991</b> , 100, 155-182	3.3	31
75	Changes of the upwelling rates of nitrate preserved in the δ <sup>15</sup> N-signature of sediments and fish scales from the diatomaceous mud belt of Namibia. <i>Geobios</i> , <b>2002</b> , 35, 3-11	1.5	30
74	Variability of Holocene to Late Pleistocene Zambezi riverine sedimentation at the upper continental slope off Mozambique, 15°S. <i>Marine Geology</i> , <b>2011</b> , 286, 21-34	3.3	29
73	Evidence for a warm and humid Mid-Holocene episode in the Aegean and northern Levantine Seas (Greece, NE Mediterranean). <i>Regional Environmental Change</i> , <b>2014</b> , 14, 1697-1712	4.3	28
72	Fly-ash particles intercepted in the deep Sargasso Sea. <i>Nature</i> , <b>1983</b> , 305, 216-218	50.4	27
71	Variability in upwelling intensity and nutrient regime in the coastal upwelling system offshore Namibia: results from sediment archives. <i>International Journal of Earth Sciences</i> , <b>2009</b> , 98, 309-326	2.2	26
70	Vertical Patterns of Suspended Matter Characteristics Along a Coastal-basin Transect in the Western Baltic Sea. <i>Estuarine, Coastal and Shelf Science</i> , <b>2000</b> , 51, 789-804	2.9	26
69	Sedimentation in the Central Baltic Sea as Viewed by Non-Destructive Pb-210-dating. <i>Geografisk Tidsskrift</i> , <b>1998</b> , 98, 1-9	1.5	26
68	The ballast effect of lithogenic matter and its influences on the carbon fluxes in the Indian Ocean. <i>Biogeosciences</i> , <b>2019</b> , 16, 485-503	4.6	23
67	Living on the Margin in the Anthropocene: engagement arenas for sustainability research and action at the ocean-land interface. <i>Current Opinion in Environmental Sustainability</i> , <b>2015</b> , 14, 232-238	7.2	23
66	Performance evaluation of nitrogen isotope ratio determination in marine and lacustrine sediments: An inter-laboratory comparison. <i>Organic Geochemistry</i> , <b>2010</b> , 41, 3-12	3.1	23
65	Nitrogen cycling in the German Bight (SE North Sea) [Clues from modelling stable nitrogen isotopes. <i>Continental Shelf Research</i> , <b>2010</b> , 30, 203-213	2.4	22

64	Terrigenous organic matter in Holocene sediments from the central Baltic Sea, NW Europe. <i>Chemical Geology</i> , <b>2005</b> , 216, 313-328	4.2	22
63	Mapping mud content and median grain-size of North Sea sediments [A geostatistical approach. <i>Marine Geology</i> , <b>2018</b> , 397, 60-71	3.3	21
62	A biogeochemical model for phosphorus and nitrogen cycling in the Eastern Mediterranean Sea. <i>Journal of Marine Systems</i> , <b>2014</b> , 139, 420-432	2.7	21
61	Late Holocene primary productivity and sea surface temperature variations in the northeastern Arabian Sea: Implications for winter monsoon variability. <i>Paleoceanography</i> , <b>2014</b> , 29, 778-794		21
60	Enhanced paleoproductivity across the Oligocene/Miocene boundary as evidenced by benthic foraminiferal accumulation rates. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2011</b> , 302, 464-473	2.9	21
59	History of anthropogenic nitrogen input to the German Bight/SE North Sea as reflected by nitrogen isotopes in surface sediments, sediment cores and hindcast models. <i>Continental Shelf Research</i> , <b>2010</b> , 30, 1626-1638	2.4	21
58	Turnover of combined dissolved organic nitrogen and ammonium in the Elbe estuary/NW Europe: Results of nitrogen isotope investigations. <i>Marine Chemistry</i> , <b>2010</b> , 119, 91-107	3.7	21
57	Evolution of upwelling systems since the Early Miocene. <i>Geological Society Special Publication</i> , <b>1992</b> , 64, 1-5	1.7	21
56	Stable isotope composition and turnover of nitrate in the German Bight. <i>Marine Ecology - Progress Series</i> , <b>2010</b> , 408, 7-18	2.6	21
55	Nitrogen removal in coastal sediments of the German Wadden Sea. <i>Biogeochemistry</i> , <b>2012</b> , 108, 467-483	3.8	19
54	Holocene palaeoclimate records over Europe and the North Atlantic. <i>Holocene</i> , <b>2003</b> , 13, 305-309	2.6	19
53	Glacial/Interglacial changes and Holocene variations in Arabian Sea denitrification. <i>Biogeosciences</i> , <b>2018</b> , 15, 507-527	4.6	19
52	N-cycling and balancing of the N-deficit generated in the oxygen minimum zone over the Namibian shelf: An isotope-based approach. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2013</b> , 118, 361-371	3.7	18
51	External N inputs and internal N cycling traced by isotope ratios of nitrate, dissolved reduced nitrogen, and particulate nitrogen in the eastern Mediterranean Sea. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		18
50	Geochemical and micropaleontological characterisation of a Mediterranean sapropel S5: A case study from core BAN89GC09 (south of Crete). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2006</b> , 235, 192-207	2.9	18
49	N <sub>2</sub> fluxes in sediments of the Elbe Estuary and adjacent coastal zones. <i>Marine Ecology - Progress Series</i> , <b>2013</b> , 493, 9-21	2.6	17
48	Spatio-temporal patterns of C : N : P ratios in the northern Benguela upwelling system. <i>Biogeosciences</i> , <b>2014</b> , 11, 885-897	4.6	17
47	Upper ocean climate of the Eastern Mediterranean Sea during the Holocene Insolation Maximum [ a model study. <i>Climate of the Past</i> , <b>2011</b> , 7, 1103-1122	3.9	17

46	Making coastal research useful cases from practice. <i>Oceanologia</i> , <b>2015</b> , 57, 3-16	2.2	16
45	A biogeochemical model for phosphorus and nitrogen cycling in the Eastern Mediterranean Sea. <i>Journal of Marine Systems</i> , <b>2014</b> , 139, 460-471	2.7	16
44	Chlorobiphenyls in suspension and sediment of the southern Baltic Sea: a mass balance calculation since the onset of PCB-production. <i>Continental Shelf Research</i> , <b>1999</b> , 19, 891-910	2.4	16
43	The monsoon, carbon fluxes, and the organic carbon pump in the northern Indian Ocean. <i>Progress in Oceanography</i> , <b>2019</b> , 175, 24-39	3.8	15
42	Paleoproductivity during the middle Miocene carbon isotope events: A data-model approach. <i>Paleoceanography</i> , <b>2013</b> , 28, 334-346		15
41	Organic carbon distribution and isotopic composition in three records from the eastern Mediterranean Sea during the Holocene. <i>Organic Geochemistry</i> , <b>2010</b> , 41, 935-939	3.1	15
40	Temporal and spatial sedimentation rate variabilities in the eastern Gotland Basin, the Baltic Sea. <i>Boreas</i> , <b>2002</b> , 31, 65-74	2.4	15
39	Full-coverage spatial distribution of epibenthic communities in the south-eastern North Sea in relation to habitat characteristics and fishing effort. <i>Marine Environmental Research</i> , <b>2017</b> , 130, 1-11	3.3	13
38	Biogeochemical processes and turnover rates in the Northern Benguela Upwelling System. <i>Journal of Marine Systems</i> , <b>2018</b> , 188, 63-80	2.7	11
37	Dissolved and particulate reactive nitrogen in the Elbe River/NW Europe: a 2-yr N-isotope study. <i>Biogeosciences</i> , <b>2011</b> , 8, 3519-3530	4.6	11
36	Convergent Tectonics and Coastal Upwelling: A History of the Peru Continental Margin. <i>Episodes</i> , <b>1987</b> , 10, 87-93	1.6	11
35	Holocene monsoon and sea level-related changes of sedimentation in the northeastern Arabian Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2019</b> , 166, 6-18	2.3	10
34	Nitrate consumption in sediments of the German Bight (North Sea). <i>Journal of Sea Research</i> , <b>2017</b> , 127, 26-35	1.9	10
33	Amino acid composition and $\delta^{15}\text{N}$ of suspended matter in the Arabian Sea: implications for organic matter sources and degradation. <i>Biogeosciences</i> , <b>2013</b> , 10, 7689-7702	4.6	10
32	Benthic remineralisation rates in shelf and slope sediments of the northern Benguela upwelling margin. <i>Continental Shelf Research</i> , <b>2016</b> , 113, 47-61	2.4	9
31	Sediment mobility in the Pomeranian Bight (Baltic Sea): a case study based on sidescan-sonar images and hydrodynamic modelling. <i>Geo-Marine Letters</i> , <b>2005</b> , 25, 221-229	1.9	9
30	Sedimentary and geochemical expressions of oxic and anoxic conditions on the Peru Shelf. <i>Geological Society Special Publication</i> , <b>1991</b> , 58, 155-170	1.7	9
29	The importance of external climate forcing for the variability and trends of coastal upwelling in past and future climate. <i>Ocean Science</i> , <b>2016</b> , 12, 807-823	4	9

28	Nutrient distribution and nitrogen and oxygen isotopic composition of nitrate in water masses of the subtropical southern Indian Ocean. <i>Biogeosciences</i> , <b>2019</b> , 16, 2715-2732	4.6	8
27	Turbidites, the principal mechanism yielding black shales in the early deep Atlantic Ocean. <i>Geological Society Special Publication</i> , <b>1986</b> , 21, 361-376	1.7	8
26	Sub-recent nitrogen-isotope trends in sediments from Skagerrak (North Sea) and Kattegat: Changes in N-budgets and N-sources?. <i>Marine Geology</i> , <b>2008</b> , 253, 92-98	3.3	7
25	Zur Systematik der Kohlenstoff-Schwefel-Eisen-Verhältnisse in Auftriebssedimenten. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , <b>1993</b> , 82, 604		7
24	The Impact of Agulhas Leakage on the Central Water Masses in the Benguela Upwelling System From A High-Resolution Ocean Simulation. <i>Journal of Geophysical Research: Oceans</i> , <b>2018</b> , 123, 9416-9428	3.3	7
23	Organic matter degradation in the German Bight/SE North Sea: Implications from stable nitrogen isotopes and amino acids. <i>Marine Chemistry</i> , <b>2014</b> , 166, 103-113	3.7	6
22	Collision-related break-up of a carbonate platform (Eratosthenes Seamount) and mud volcanism on the Mediterranean Ridge: preliminary synthesis and implications of tectonic results of ODP Leg 160 in the Eastern Mediterranean Sea. <i>Geological Society Special Publication</i> , <b>1998</b> , 131, 243-271	1.7	6
21	Carbon/sulphur/iron relationships in upwelling sediments. <i>Geological Society Special Publication</i> , <b>1992</b> , 64, 247-255	1.7	6
20	Spatiotemporal variation of vertical particle fluxes and modelled chlorophyll a standing stocks in the Benguela Upwelling System. <i>Journal of Marine Systems</i> , <b>2018</b> , 180, 59-75	2.7	5
19	Preface to Biogeochemistry-Ecosystem interaction on changing continental margins in the Anthropocene. <i>Journal of Marine Systems</i> , <b>2015</b> , 141, 1-2	2.7	4
18	Spatial variations in sedimentary N-transformation rates in the North Sea (German Bight). <i>Biogeosciences</i> , <b>2020</b> , 17, 2839-2851	4.6	4
17	Effects of current regimes and oxygenation on particulate matter preservation on the Namibian shelf: Insights from amino acid biogeochemistry. <i>Marine Chemistry</i> , <b>2016</b> , 186, 121-132	3.7	4
16	Corrigendum to "Upper ocean climate of the Eastern Mediterranean Sea during the Holocene Insolation Maximum: A model study" published in <i>Clim. Past</i> , 7, 1103-1122, 2011. <i>Climate of the Past</i> , <b>2011</b> , 7, 1149-1168	3.9	4
15	Nutrient dynamics and oceanographic features in the central Namibian upwelling region as reflected in $\delta^{15}\text{N}$ -signals of suspended matter and surface sediments. <i>Fossil Record</i> , <b>2011</b> , 14, 153-169		4
14	Nitrate sources and the effect of land cover on the isotopic composition of nitrate in the catchment of the Rhine River. <i>Isotopes in Environmental and Health Studies</i> , <b>2020</b> , 56, 14-35	1.5	3
13	The Post-Glacial Evolution of the Baltic Sea <b>2002</b> , 205-221		3
12	Sediment trap-derived particulate matter fluxes in the oligotrophic subtropical gyre of the South Indian Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2021</b> , 183, 104924	2.3	3
11	Macrofauna as a major driver of benthic-pelagic exchange in the southern North Sea. <i>Limnology and Oceanography</i> , <b>2021</b> , 66, 2203-2217	4.8	2



10	Analysis of the position and strength of westerlies and trades with implications for Agulhas leakage and South Benguela upwelling. <i>Earth System Dynamics</i> , <b>2019</b> , 10, 847-858	4.8	2
9	Nutrient regime and upwelling in the northern Benguela since the middle Holocene in a global context - a multi-proxy approach. <i>Fossil Record</i> , <b>2011</b> , 14, 171-193		1
8	Temporal and spatial sedimentation rate variabilities in the eastern Gotland Basin, the Baltic Sea. <i>Boreas</i> , <b>2008</b> , 31, 65-74	2.4	1
7	Signals of Holocene climate transition amplified by anthropogenic land-use changes in the westerly Indian monsoon realm. <i>Climate of the Past</i> , <b>2021</b> , 17, 1735-1749	3.9	1
6	What can we learn from amino acids about oceanic organic matter cycling and degradation?. <i>Biogeosciences</i> , <b>2022</b> , 19, 807-830	4.6	0
5	The impact of intertidal areas on the carbonate system of the southern North Sea. <i>Biogeosciences</i> , <b>2020</b> , 17, 4223-4245	4.6	0
4	Holocene Climate Dynamics, Biogeochemical Cycles and Ecosystem Variability in the Eastern Mediterranean Sea. <i>SpringerBriefs in Earth System Sciences</i> , <b>2015</b> , 115-120		1
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