

Kay-Christian Emeis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

135
papers

6,685
citations

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 | What can we learn from amino acids about oceanic organic matter cycling and degradation?. <i>Biogeosciences</i> , 2022 , 19, 807-830 | 4.6 | 0 |
| 134 | A nitrate budget of the Bohai Sea based on an isotope mass balance model. <i>Biogeosciences</i> , 2022 , 19, 2397-2415 | 4.6 | |
| 133 | Macrofauna as a major driver of benthic-pelagic exchange in the southern North Sea. <i>Limnology and Oceanography</i> , 2021 , 66, 2203-2217 | 4.8 | 2 |
| 132 | Signals of Holocene climate transition amplified by anthropogenic land-use changes in the westerly Indian monsoon realm. <i>Climate of the Past</i> , 2021 , 17, 1735-1749 | 3.9 | 1 |
| 131 | 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> , 2021 , 183, 104924 | 2.3 | 3 |
| 130 | Spatial variations in sedimentary N-transformation rates in the North Sea (German Bight). <i>Biogeosciences</i> , 2020 , 17, 2839-2851 | 4.6 | 4 |
| 129 | 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> , 2020 , 56, 14-35 | 1.5 | 3 |
| 128 | The impact of intertidal areas on the carbonate system of the southern North Sea. <i>Biogeosciences</i> , 2020 , 17, 4223-4245 | 4.6 | 0 |
| 127 | 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> , 2019 , 166, 6-18 | 2.3 | 10 |
| 126 | The monsoon, carbon fluxes, and the organic carbon pump in the northern Indian Ocean. <i>Progress in Oceanography</i> , 2019 , 175, 24-39 | 3.8 | 15 |
| 125 | The ballast effect of lithogenic matter and its influences on the carbon fluxes in the Indian Ocean. <i>Biogeosciences</i> , 2019 , 16, 485-503 | 4.6 | 23 |
| 124 | Nutrient distribution and nitrogen and oxygen isotopic composition of nitrate in water masses of the subtropical southern Indian Ocean. <i>Biogeosciences</i> , 2019 , 16, 2715-2732 | 4.6 | 8 |
| 123 | Analysis of the position and strength of westerlies and trades with implications for Agulhas leakage and South Benguela upwelling. <i>Earth System Dynamics</i> , 2019 , 10, 847-858 | 4.8 | 2 |
| 122 | Spatiotemporal variation of vertical particle fluxes and modelled chlorophyll a standing stocks in the Benguela Upwelling System. <i>Journal of Marine Systems</i> , 2018 , 180, 59-75 | 2.7 | 5 |
| 121 | Mapping mud content and median grain-size of North Sea sediments [A geostatistical approach. <i>Marine Geology</i> , 2018 , 397, 60-71 | 3.3 | 21 |
| 120 | Biogeochemical processes and turnover rates in the Northern Benguela Upwelling System. <i>Journal of Marine Systems</i> , 2018 , 188, 63-80 | 2.7 | 11 |
| 119 | Spatial Distribution and Seasonal Variation of Organophosphate Esters in Air above the Bohai and Yellow Seas, China. <i>Environmental Science & Technology</i> , 2018 , 52, 89-97 | 10.3 | 49 |

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|-----|---|------|----|
| 118 | 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> , 2018 , 123, 9416-9428 | 3.3 | 7 |
| 117 | Glacial-Interglacial changes and Holocene variations in Arabian Sea denitrification. <i>Biogeosciences</i> , 2018 , 15, 507-527 | 4.6 | 19 |
| 116 | Organophosphate Esters in Air, Snow, and Seawater in the North Atlantic and the Arctic. <i>Environmental Science & Technology</i> , 2017 , 51, 6887-6896 | 10.3 | 94 |
| 115 | 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> , 2017 , 130, 1-11 | 3.3 | 13 |
| 114 | Nitrate consumption in sediments of the German Bight (North Sea). <i>Journal of Sea Research</i> , 2017 , 127, 26-35 | 1.9 | 10 |
| 113 | Effects of current regimes and oxygenation on particulate matter preservation on the Namibian shelf: Insights from amino acid biogeochemistry. <i>Marine Chemistry</i> , 2016 , 186, 121-132 | 3.7 | 4 |
| 112 | Benthic remineralisation rates in shelf and slope sediments of the northern Benguela upwelling margin. <i>Continental Shelf Research</i> , 2016 , 113, 47-61 | 2.4 | 9 |
| 111 | The importance of external climate forcing for the variability and trends of coastal upwelling in past and future climate. <i>Ocean Science</i> , 2016 , 12, 807-823 | 4 | 9 |
| 110 | Making coastal research useful: Cases from practice. <i>Oceanologia</i> , 2015 , 57, 3-16 | 2.2 | 16 |
| 109 | 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> , 2015 , 426, 10-21 | 2.9 | 32 |
| 108 | Holocene Climate Dynamics, Biogeochemical Cycles and Ecosystem Variability in the Eastern Mediterranean Sea. <i>SpringerBriefs in Earth System Sciences</i> , 2015 , 115-120 | 1 | |
| 107 | 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> , 2015 , 165, 128-136 | 2.9 | 51 |
| 106 | Preface: Biogeochemistry-Ecosystem interaction on changing continental margins in the Anthropocene. <i>Journal of Marine Systems</i> , 2015 , 141, 1-2 | 2.7 | 4 |
| 105 | The North Sea: A shelf sea in the Anthropocene. <i>Journal of Marine Systems</i> , 2015 , 141, 18-33 | 2.7 | 69 |
| 104 | Comparative biogeochemistry-Ecosystem-Human interactions on dynamic continental margins. <i>Journal of Marine Systems</i> , 2015 , 141, 3-17 | 2.7 | 36 |
| 103 | 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> , 2015 , 14, 232-238 | 7.2 | 23 |
| 102 | Late glacial initiation of Holocene eastern Mediterranean sapropel formation. <i>Nature Communications</i> , 2015 , 6, 7099 | 17.4 | 56 |
| 101 | Evidence for a warm and humid Mid-Holocene episode in the Aegean and northern Levantine Seas (Greece, NE Mediterranean). <i>Regional Environmental Change</i> , 2014 , 14, 1697-1712 | 4.3 | 28 |

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| 100 | Organic matter degradation in the German Bight/SE North Sea: Implications from stable nitrogen isotopes and amino acids. <i>Marine Chemistry</i> , 2014 , 166, 103-113 | 3.7 | 6 |
| 99 | A biogeochemical model for phosphorus and nitrogen cycling in the Eastern Mediterranean Sea. <i>Journal of Marine Systems</i> , 2014 , 139, 460-471 | 2.7 | 16 |
| 98 | A biogeochemical model for phosphorus and nitrogen cycling in the Eastern Mediterranean Sea. <i>Journal of Marine Systems</i> , 2014 , 139, 420-432 | 2.7 | 21 |
| 97 | Late Holocene primary productivity and sea surface temperature variations in the northeastern Arabian Sea: Implications for winter monsoon variability. <i>Paleoceanography</i> , 2014 , 29, 778-794 | | 21 |
| 96 | Spatio-temporal patterns of C : N : P ratios in the northern Benguela upwelling system. <i>Biogeosciences</i> , 2014 , 11, 885-897 | 4.6 | 17 |
| 95 | N ₂ fluxes in sediments of the Elbe Estuary and adjacent coastal zones. <i>Marine Ecology - Progress Series</i> , 2013 , 493, 9-21 | 2.6 | 17 |
| 94 | 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> , 2013 , 27, 1059-1071 | 5.9 | 47 |
| 93 | Paleoproductivity during the middle Miocene carbon isotope events: A data-model approach. <i>Paleoceanography</i> , 2013 , 28, 334-346 | | 15 |
| 92 | 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> , 2013 , 118, 361-371 | 3.7 | 18 |
| 91 | 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> , 2013 , 10, 7689-7702 | 4.6 | 10 |
| 90 | Five critical questions of scale for the coastal zone. <i>Estuarine, Coastal and Shelf Science</i> , 2012 , 96, 9-21 | 2.9 | 33 |
| 89 | Nitrogen removal in coastal sediments of the German Wadden Sea. <i>Biogeochemistry</i> , 2012 , 108, 467-483 | 3.8 | 19 |
| 88 | Enhanced paleoproductivity across the Oligocene/Miocene boundary as evidenced by benthic foraminiferal accumulation rates. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011 , 302, 464-473 | 2.9 | 21 |
| 87 | Dissolved and particulate reactive nitrogen in the Elbe River/NW Europe: a 2-yr N-isotope study. <i>Biogeosciences</i> , 2011 , 8, 3519-3530 | 4.6 | 11 |
| 86 | 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> , 2011 , 7, 1149-1168 | 3.9 | 4 |
| 85 | Upper ocean climate of the Eastern Mediterranean Sea during the Holocene Insolation Maximum: A model study. <i>Climate of the Past</i> , 2011 , 7, 1103-1122 | 3.9 | 17 |
| 84 | Variability of Holocene to Late Pleistocene Zambezi riverine sedimentation at the upper continental slope off Mozambique, 15°S. <i>Marine Geology</i> , 2011 , 286, 21-34 | 3.3 | 29 |
| 83 | Influence of diagenesis on sedimentary $\delta^{15}\text{N}$ in the Arabian Sea over the last 130kyr. <i>Marine Geology</i> , 2011 , 284, 127-138 | 3.3 | 40 |

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| 82 | 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> , 2011 , 14, 153-169 | | 4 |
| 81 | Nutrient regime and upwelling in the northern Benguela since the middle Holocene in a global context - a multi-proxy approach. <i>Fossil Record</i> , 2011 , 14, 171-193 | | 1 |
| 80 | Diagenetic control of nitrogen isotope ratios in Holocene sapropels and recent sediments from the Eastern Mediterranean Sea. <i>Biogeosciences</i> , 2010 , 7, 3901-3914 | 4.6 | 57 |
| 79 | Selective preservation of organic matter in marine environments; processes and impact on the sedimentary record. <i>Biogeosciences</i> , 2010 , 7, 483-511 | 4.6 | 257 |
| 78 | 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> , 2010 , 115, | | 18 |
| 77 | Nitrogen cycling in the German Bight (SE North Sea) [Clues from modelling stable nitrogen isotopes. <i>Continental Shelf Research</i> , 2010 , 30, 203-213 | 2.4 | 22 |
| 76 | 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> , 2010 , 30, 1626-1638 | 2.4 | 21 |
| 75 | Performance evaluation of nitrogen isotope ratio determination in marine and lacustrine sediments: An inter-laboratory comparison. <i>Organic Geochemistry</i> , 2010 , 41, 3-12 | 3.1 | 23 |
| 74 | Organic carbon distribution and isotopic composition in three records from the eastern Mediterranean Sea during the Holocene. <i>Organic Geochemistry</i> , 2010 , 41, 935-939 | 3.1 | 15 |
| 73 | Climatic forcing of eastern Mediterranean deep-water formation and benthic ecosystems during the past 22,000 years. <i>Quaternary Science Reviews</i> , 2010 , 29, 3006-3020 | 3.9 | 106 |
| 72 | Turnover of combined dissolved organic nitrogen and ammonium in the Elbe estuary/NW Europe: Results of nitrogen isotope investigations. <i>Marine Chemistry</i> , 2010 , 119, 91-107 | 3.7 | 21 |
| 71 | 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> , 2010 , 79, 316-326 | 2.7 | 54 |
| 70 | Why is the Eastern Mediterranean phosphorus limited?. <i>Progress in Oceanography</i> , 2010 , 85, 236-244 | 3.8 | 188 |
| 69 | Stable isotope composition and turnover of nitrate in the German Bight. <i>Marine Ecology - Progress Series</i> , 2010 , 408, 7-18 | 2.6 | 21 |
| 68 | 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> , 2009 , 98, 309-326 | 2.2 | 26 |
| 67 | Tethyan Mediterranean organic carbon-rich sediments from Mesozoic black shales to sapropels. <i>Sedimentology</i> , 2009 , 56, 247-266 | 3.3 | 58 |
| 66 | Late Glacial-Holocene climate variability at the south-eastern margin of the Aegean Sea. <i>Marine Geology</i> , 2009 , 266, 182-197 | 3.3 | 104 |
| 65 | Isotopic composition of nitrate in wet and dry atmospheric deposition on Crete in the eastern Mediterranean Sea. <i>Global Biogeochemical Cycles</i> , 2009 , 23, n/a-n/a | 5.9 | 39 |

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| 64 | Temporal and spatial sedimentation rate variabilities in the eastern Gotland Basin, the Baltic Sea. <i>Boreas</i> , 2008 , 31, 65-74 | 2.4 | 1 |
| 63 | Isotopic composition of nitrate in five German rivers discharging into the North Sea. <i>Organic Geochemistry</i> , 2008 , 39, 1678-1689 | 3.1 | 88 |
| 62 | A nitrate sink in estuaries? An assessment by means of stable nitrate isotopes in the Elbe estuary. <i>Limnology and Oceanography</i> , 2008 , 53, 1504-1511 | 4.8 | 62 |
| 61 | Sub-recent nitrogen-isotope trends in sediments from Skagerrak (North Sea) and Kattegat: Changes in N-budgets and N-sources?. <i>Marine Geology</i> , 2008 , 253, 92-98 | 3.3 | 7 |
| 60 | Geochemical and micropaleontological characterisation of a Mediterranean sapropel S5: A case study from core BAN89GC09 (south of Crete). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006 , 235, 192-207 | 2.9 | 18 |
| 59 | Controls on alkenone unsaturation ratios along the salinity gradient between the open ocean and the Baltic Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2005 , 69, 3589-3600 | 5.5 | 47 |
| 58 | Terrigenous organic matter in Holocene sediments from the central Baltic Sea, NW Europe. <i>Chemical Geology</i> , 2005 , 216, 313-328 | 4.2 | 22 |
| 57 | Nitrogen cycling on the Namibian shelf and slope over the last two climatic cycles: Local and global forcings. <i>Paleoceanography</i> , 2005 , 20, n/a-n/a | | 33 |
| 56 | Stable nitrogen isotopic ratios of sinking particles and sediments from the northern Indian Ocean. <i>Marine Chemistry</i> , 2005 , 96, 243-255 | 3.7 | 108 |
| 55 | Sediment mobility in the Pomeranian Bight (Baltic Sea): a case study based on sidescan-sonar images and hydrodynamic modelling. <i>Geo-Marine Letters</i> , 2005 , 25, 221-229 | 1.9 | 9 |
| 54 | Salinity changes in the central Baltic Sea (NW Europe) over the last 10 000 years: a reply to Wastegard and Andren. <i>Holocene</i> , 2005 , 15, 474-475 | 2.6 | |
| 53 | Reconstructing past planktic foraminiferal habitats using stable isotope data: a case history for Mediterranean sapropel S5. <i>Marine Micropaleontology</i> , 2004 , 50, 89-123 | 1.7 | 142 |
| 52 | Sea surface temperature anomalies in the oceans at the LGM estimated from the alkenone-U37K? index: comparison with GCMs. <i>Geophysical Research Letters</i> , 2004 , 31, | 4.9 | 46 |
| 51 | Shallow gas in shelf sediments of the Namibian coastal upwelling ecosystem. <i>Continental Shelf Research</i> , 2004 , 24, 627-642 | 2.4 | 97 |
| 50 | Sea surface temperatures and ice rafting in the Holocene North Atlantic: climate influences on northern Europe and Greenland. <i>Quaternary Science Reviews</i> , 2004 , 23, 2113-2126 | 3.9 | 145 |
| 49 | Salinity changes in the central Baltic Sea (NW Europe) over the last 10000 years. <i>Holocene</i> , 2003 , 13, 411-421 | 4.1 | 111 |
| 48 | Holocene palaeoclimate records over Europe and the North Atlantic. <i>Holocene</i> , 2003 , 13, 305-309 | 2.6 | 19 |
| 47 | Black Sea impact on the formation of eastern Mediterranean sapropel S1? Evidence from the Marmara Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003 , 190, 9-21 | 2.9 | 101 |

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|----|---|------|-----|
| 46 | 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> , 2003 , 190, 39-59 | 2.9 | 50 |
| 45 | Late Pleistocene sedimentation in the Western Mediterranean Sea: implications for productivity changes and climatic conditions in the catchment areas. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003 , 190, 121-137 | 2.9 | 40 |
| 44 | Benthic foraminiferal record of ecosystem variability in the eastern Mediterranean Sea during times of sapropel S5 and S6 deposition. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003 , 190, 139-164 | 2.9 | 137 |
| 43 | Spatial productivity variations during formation of sapropels S5 and S6 in the Mediterranean Sea: evidence from Ba contents. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003 , 191, 169-190 | 2.9 | 53 |
| 42 | Changes of the upwelling rates of nitrate preserved in the $\delta^{15}N$ -signature of sediments and fish scales from the diatomaceous mud belt of Namibia. <i>Geobios</i> , 2002 , 35, 3-11 | 1.5 | 30 |
| 41 | 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> , 2002 , 35, 133-150 | 2.7 | 53 |
| 40 | Material transport from the near shore to the basinal environment in the southern Baltic Sea. <i>Journal of Marine Systems</i> , 2002 , 35, 151-168 | 2.7 | 57 |
| 39 | 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> , 2002 , 57, 22-31 | 1.9 | 68 |
| 38 | Sr and Nd isotope composition of Late Pleistocene sapropels and nonsapropelic sediments from the Eastern Mediterranean Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2002 , 66, 3585-3598 | 5.5 | 45 |
| 37 | Provenance of lithogenic surface sediments and pathways of riverine suspended matter in the Eastern Mediterranean Sea: evidence from $^{143}Nd/^{144}Nd$ and $^{87}Sr/^{86}Sr$ ratios. <i>Chemical Geology</i> , 2002 , 186, 139-149 | 4.2 | 119 |
| 36 | African monsoon variability during the previous interglacial maximum. <i>Earth and Planetary Science Letters</i> , 2002 , 202, 61-75 | 5.3 | 232 |
| 35 | The Post-Glacial Evolution of the Baltic Sea 2002 , 205-221 | | 3 |
| 34 | Temporal and spatial sedimentation rate variabilities in the eastern Gotland Basin, the Baltic Sea. <i>Boreas</i> , 2002 , 31, 65-74 | 2.4 | 15 |
| 33 | Development of anoxia during the Holocene fresh-brackish water transition in the Baltic Sea. <i>Marine Geology</i> , 2001 , 177, 221-242 | 3.3 | 98 |
| 32 | Modulation and amplification of climatic changes in the Northern Hemisphere by the Indian summer monsoon during the past 80 k.y. <i>Geology</i> , 2001 , 29, 63 | 5 | 215 |
| 31 | Terrestrial organic matter in surface sediments of the Baltic Sea, Northwest Europe, as determined by CuO oxidation. <i>Geochimica Et Cosmochimica Acta</i> , 2001 , 65, 1285-1299 | 5.5 | 38 |
| 30 | 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> , 2001 , 65, 3249-3266 | 5.5 | 94 |
| 29 | Using fluffy layer material to study the fate of particle-bound organic pollutants in the southern Baltic Sea. <i>Environmental Science & Technology</i> , 2001 , 35, 1567-73 | 10.3 | 31 |

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|----|---|------|-----|
| 28 | 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> , 2000 , 167, 43-59 | 3.3 | 133 |
| 27 | Records of southern and central Baltic Sea eutrophication in $\delta^{13}C$ and $\delta^{15}N$ of sedimentary organic matter. <i>Marine Geology</i> , 2000 , 164, 157-171 | 3.3 | 112 |
| 26 | Vertical Patterns of Suspended Matter Characteristics Along a Coastal-basin Transect in the Western Baltic Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2000 , 51, 789-804 | 2.9 | 26 |
| 25 | 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> , 2000 , 158, 259-280 | 2.9 | 254 |
| 24 | The sapropel record of the eastern Mediterranean Sea [Results of Ocean Drilling Program Leg 160. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000 , 158, 371-395 | 2.9 | 156 |
| 23 | Long-chain alkenone patterns in the Baltic sea: an ocean-freshwater transition. <i>Geochimica Et Cosmochimica Acta</i> , 2000 , 64, 469-477 | 5.5 | 86 |
| 22 | Origin and transport of terrestrial organic matter from the Oder lagoon to the Arkona Basin, Southern Baltic Sea. <i>Organic Geochemistry</i> , 2000 , 31, 57-66 | 3.1 | 32 |
| 21 | 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> , 1999 , 19, 891-910 | 2.4 | 16 |
| 20 | An unusual mid-Pleistocene monsoon period over Africa and Asia. <i>Nature</i> , 1998 , 392, 269-272 | 50.4 | 88 |
| 19 | Geochemical records of sediments in the Eastern Gotland Basin: products of sediment dynamics in a not-so-stagnant anoxic basin?. <i>Applied Geochemistry</i> , 1998 , 13, 349-358 | 3.5 | 32 |
| 18 | Sedimentation in the Central Baltic Sea as Viewed by Non-Destructive Pb-210-dating. <i>Geografisk Tidsskrift</i> , 1998 , 98, 1-9 | 1.5 | 26 |
| 17 | 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> , 1998 , 131, 243-271 | 1.7 | 6 |
| 16 | Geochemical records of salt-water inflows into the deep basins of the Baltic Sea. <i>Continental Shelf Research</i> , 1997 , 17, 95-115 | 2.4 | 81 |
| 15 | Why some Mediterranean sapropels survived burn-down (and others did not). <i>Marine Geology</i> , 1997 , 141, 51-60 | 3.3 | 55 |
| 14 | 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> , 1996 , 127, 125-139 | 4.3 | 308 |
| 13 | Sea-Surface Temperatures and the History of Monsoon Upwelling in the Northwest Arabian Sea during the Last 500,000 Years. <i>Quaternary Research</i> , 1995 , 43, 355-361 | 1.9 | 142 |
| 12 | Zur Systematik der Kohlenstoff-Schwefel-Eisen-Verhältnisse in Auftriebssedimenten. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1993 , 82, 604 | | 7 |
| 11 | Evolution of upwelling systems since the Early Miocene. <i>Geological Society Special Publication</i> , 1992 , 64, 1-5 | 1.7 | 21 |

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| 10 | Carbon/sulphur/iron relationships in upwelling sediments. <i>Geological Society Special Publication</i> , 1992 , 64, 247-255 | 1.7 | 6 |
| 9 | Water depth and diagenetic constraints on the use of barium as a palaeoproductivity indicator. <i>Geological Society Special Publication</i> , 1992 , 64, 273-284 | 1.7 | 47 |
| 8 | The occurrence and significance of Pleistocene and Upper Pliocene sapropels in the Tyrrhenian Sea. <i>Marine Geology</i> , 1991 , 100, 155-182 | 3.3 | 31 |
| 7 | Sedimentary and geochemical expressions of oxic and anoxic conditions on the Peru Shelf. <i>Geological Society Special Publication</i> , 1991 , 58, 155-170 | 1.7 | 9 |
| 6 | A note on the geochemistry procedures and the geochemical data base of the Ocean Drilling Program. <i>Marine Geology</i> , 1989 , 87, 329-337 | 3.3 | |
| 5 | 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> , 1988 , 100, 1140-1156 | 3.9 | 334 |
| 4 | Travertine formation in Plitvice National Park, Yugoslavia: chemical versus biological control. <i>Sedimentology</i> , 1987 , 34, 595-609 | 3.3 | 113 |
| 3 | Convergent Tectonics and Coastal Upwelling: A History of the Peru Continental Margin. <i>Episodes</i> , 1987 , 10, 87-93 | 1.6 | 11 |
| 2 | Turbidites, the principal mechanism yielding black shales in the early deep Atlantic Ocean. <i>Geological Society Special Publication</i> , 1986 , 21, 361-376 | 1.7 | 8 |
| 1 | Fly-ash particles intercepted in the deep Sargasso Sea. <i>Nature</i> , 1983 , 305, 216-218 | 50.4 | 27 |