

# Gert J De Lange

## List of Publications by Year in descending order

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197  
papers

12,832  
citations

14655

66  
h-index

31849

101  
g-index

208  
all docs

208  
docs citations

208  
times ranked

8833  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Effect of barite-bound Sr on detrital Sr isotope systematics in marine sediments. <i>Chemical Geology</i> , 2021, , 120613.   | 3.3 | 0         |
| 2  | The Late Holocene tephra record of the central Mediterranean Sea: Mapping occurrences and new potential isochrons for the 4.4±2.0 ka time interval. <i>Journal of Quaternary Science</i> , 2020, 35, 213-231.                               | 2.1 | 10        |
| 3  | Microscale trace-element distribution across the Cretaceous/Palaeogene ejecta layer at the Agost section: Constraining the recovery of pre-impact conditions. <i>Chemical Geology</i> , 2020, 533, 119431.                                  | 3.3 | 5         |
| 4  | Early Warning Signals for Marine Anoxic Events. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089183.  | 4.0 | 22        |
| 5  | Suborbital Hydrological Variability Inferred From Coupled Benthic and Planktic Foraminiferal-Based Proxies in the Southeastern Mediterranean During the Last 19 ka. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003827. | 2.9 | 11        |
| 6  | Dynamic surface-water alterations during sapropel S1 preserved in high-resolution shallow-water sediments of Taranto Gulf, central Mediterranean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 534, 109340.             | 2.3 | 5         |
| 7  | Perspectives on provenance and alteration of suspended and sedimentary organic matter in the subtropical Pearl River system, South China. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 259, 270-287.                                      | 3.9 | 29        |
| 8  | Eastern Mediterranean Deep Water Formation During Sapropel S1: A Reconstruction Using Geochemical Records Along a Bathymetric Transect in the Adriatic Outflow Region. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 409-429.    | 2.9 | 23        |
| 9  | Divergent Mediterranean seawater circulation during Holocene sapropel formation – Reconstructed using Nd isotopes in fish debris and foraminifera. <i>Earth and Planetary Science Letters</i> , 2019, 511, 141-153.                         | 4.4 | 19        |
| 10 | The evolution of the Levantine Iron Age geomagnetic Anomaly captured in Mediterranean sediments. <i>Earth and Planetary Science Letters</i> , 2019, 511, 55-66.   | 4.4 | 16        |
| 11 | Trace metal analysis of sediment cores using a novel X-ray fluorescence core scanning method. <i>Quaternary International</i> , 2019, 514, 55-67.   | 1.5 | 20        |
| 12 | Recent, deep-sourced methane/mud discharge at the most active mud volcano in the western Mediterranean. <i>Marine Geology</i> , 2019, 408, 1-17.  | 2.1 | 10        |
| 13 | Life on the edge: active microbial communities in the Kryos MgCl <sub>2</sub> -brine basin at very low water activity. <i>ISME Journal</i> , 2018, 12, 1414-1426.   | 9.8 | 42        |
| 14 | Riverine supply to the eastern Mediterranean during last interglacial sapropel S5 formation: A basin-wide perspective. <i>Chemical Geology</i> , 2018, 485, 74-89.  | 3.3 | 21        |
| 15 | Application of laser ablation-ICP-MS to determine high-resolution elemental profiles across the Cretaceous/Paleogene boundary at Agost (Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 497, 128-138.              | 2.3 | 11        |
| 16 | Manganese incorporation in living (stained) benthic foraminiferal shells: a bathymetric and in-sediment study in the Gulf of Lions (NW Mediterranean). <i>Biogeosciences</i> , 2018, 15, 6315-6328.   | 3.3 | 18        |
| 17 | Marine productivity, water column processes and seafloor anoxia in relation to Nile discharge during sapropels S1 and S3. <i>Quaternary Science Reviews</i> , 2018, 200, 178-190.   | 3.0 | 18        |
| 18 | High-resolution data from Laser Ablation-ICP-MS and by ICP-OES analyses at the Cretaceous/Paleogene boundary section at Agost (SE Spain). <i>Data in Brief</i> , 2018, 18, 1900-1906.   | 1.0 | 3         |

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|----|---|-----|-----------|
| 19 | North-African paleodrainage discharges to the central Mediterranean during the last 18,000 years: A multiproxy characterization. <i>Quaternary Science Reviews</i> , 2017, 163, 95-113.   | 3.0 | 24        |
| 20 | Glendonites track methane seepage in Mesozoic polar seas. <i>Geology</i> , 2017, 45, 503-506.   | 4.4 | 37        |
| 21 | Differences between the last two glacial maxima and implications for ice-sheet, $\delta^{18}O$ , and sea-level reconstructions. <i>Quaternary Science Reviews</i> , 2017, 176, 1-28.  | 3.0 | 82        |
| 22 | Unraveling North-African riverine and eolian contributions to central Mediterranean sediments during Holocene sapropel S1 formation. <i>Quaternary Science Reviews</i> , 2016, 152, 31-48.  | 3.0 | 25        |
| 23 | Eastern-Mediterranean ventilation variability during sapropel S1 formation, evaluated at two sites influenced by deep-water formation from Adriatic and Aegean Seas. <i>Quaternary Science Reviews</i> , 2016, 144, 95-106.       | 3.0 | 43        |
| 24 | Did the A.D. 365 Crete earthquake/tsunami trigger synchronous giant turbidity currents in the Mediterranean Sea?. <i>Geology</i> , 2016, 44, 191-194.   | 4.4 | 59        |
| 25 | Central Mediterranean Mid-Pleistocene paleoclimatic variability and its association with global climate. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 442, 72-83.   | 2.3 | 38        |
| 26 | High-resolution line-scan analysis of resin-embedded sediments using laser ablation-inductively coupled plasma-mass spectrometry (LA-ICP-MS). <i>Chemical Geology</i> , 2015, 403, 42-51.   | 3.3 | 21        |
| 27 | Integral view of Holocene precipitation and vegetation changes in the Nile catchment area as inferred from its delta sediments. <i>Quaternary Science Reviews</i> , 2015, 130, 189-199.   | 3.0 | 64        |
| 28 | Role of bacteria in marine barite precipitation: A case study using Mediterranean seawater. <i>Science of the Total Environment</i> , 2015, 512-513, 562-571.   | 8.0 | 22        |
| 29 | Thirteen thousand years of southeastern Mediterranean climate variability inferred from an integrative planktic foraminiferal-based approach. <i>Paleoceanography</i> , 2015, 30, 402-422.  | 3.0 | 38        |
| 30 | Evolution of the Late Miocene Mediterranean "Atlantic gateways and their impact on regional and global environmental change. <i>Earth-Science Reviews</i> , 2015, 150, 365-392.   | 9.1 | 171       |
| 31 | Marine productivity leads organic matter preservation in sapropel S1: palynological evidence from a core east of the Nile River outflow. <i>Quaternary Science Reviews</i> , 2015, 108, 130-138.                                  | 3.0 | 30        |
| 32 | Seasonality variations in the Central Mediterranean during climate change events in the Late Holocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 418, 304-318.   | 2.3 | 31        |
| 33 | Origin of lipid biomarkers in mud volcanoes from the Alboran Sea, western Mediterranean. <i>Biogeosciences</i> , 2014, 11, 3187-3204.   | 3.3 | 6         |
| 34 | Present-day fluxes of coccolithophores and diatoms in the pelagic Ionian Sea. <i>Journal of Marine Systems</i> , 2014, 132, 13-27.  | 2.1 | 17        |
| 35 | Tephrochronology of the astronomically-tuned KC01B deep-sea core, Ionian Sea: insights into the explosive activity of the Central Mediterranean area during the last 200 ka. <i>Quaternary Science Reviews</i> , 2014, 85, 63-84. | 3.0 | 69        |
| 36 | Solar forcing of Nile discharge and sapropel S1 formation in the early to middle Holocene eastern Mediterranean. <i>Paleoceanography</i> , 2014, 29, 343-356.   | 3.0 | 112       |

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|----|---|------|-----------|
| 37 | The Messinian Salinity Crisis: Past and future of a great challenge for marine sciences. <i>Marine Geology</i> , 2014, 352, 25-58.  | 2.1  | 436       |
| 38 | The Glacial-Interglacial transition and Holocene environmental changes in sediments from the Gulf of Taranto, central Mediterranean. <i>Marine Geology</i> , 2014, 348, 88-102.   | 2.1  | 24        |
| 39 | Formation of carbonate chimneys in the Mediterranean Sea linked to deep-water oxygen depletion. <i>Nature Geoscience</i> , 2013, 6, 755-760.  | 12.9 | 105       |
| 40 | Paleoenvironmental conditions at Core KC01B (Ionian Sea) through MIS 13-9: Evidence from calcareous nannofossil assemblages. <i>Quaternary International</i> , 2013, 288, 97-111.   | 1.5  | 35        |
| 41 | Anammox bacterial populations in deep marine hypersaline gradient systems. <i>Extremophiles</i> , 2013, 17, 289-299.  | 2.3  | 41        |
| 42 | Provenance of surface sediments along the southeastern Adriatic coast off Italy: An overview. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 134, 45-56.   | 2.1  | 24        |
| 43 | Molecular and isotopic composition of foraminiferal organic linings. <i>Marine Micropaleontology</i> , 2013, 102, 69-78.  | 1.2  | 26        |
| 44 | What do SST proxies really tell us? A high-resolution multiproxy (UK <sup>237</sup> , TEXH86 and foraminifera $\delta^{18}O$ ) study in the Gulf of Taranto, central Mediterranean Sea. <i>Quaternary Science Reviews</i> , 2013, 73, 115-131.        | 3.0  | 41        |
| 45 | Climate of the past 2500 years in the Gulf of Taranto, central Mediterranean Sea: A high-resolution climate reconstruction based on $\delta^{18}O$ and $\delta^{13}C$ of <i>Globigerinoides ruber</i> (white). <i>Holocene</i> , 2013, 23, 1440-1446. | 1.7  | 34        |
| 46 | Limitations of microbial hydrocarbon degradation at the Amon mud volcano (Nile deep-sea fan). <i>Biogeosciences</i> , 2013, 10, 3269-3283.  | 3.3  | 22        |
| 47 | X-ray fluorescence core scanning of wet marine sediments: methods to improve quality and reproducibility of high-resolution paleoenvironmental records. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 991-1003.                              | 2.0  | 112       |
| 48 | 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        |
| 49 | Exploring preserved fossil dinoflagellate and haptophyte DNA signatures to infer ecological and environmental changes during deposition of sapropel S1 in the eastern Mediterranean. <i>Paleoceanography</i> , 2011, 26, .                            | 3.0  | 18        |
| 50 | A quantitative reconstruction of organic matter and nutrient diagenesis in Mediterranean Sea sediments over the Holocene. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 5540-5558.   | 3.9  | 37        |
| 51 | Tracking climate variability in the western Mediterranean during the Late Holocene: a multiproxy approach. <i>Climate of the Past</i> , 2011, 7, 1395-1414.   | 3.4  | 83        |
| 52 | Oxygenation variability in Mejillones Bay, off northern Chile, during the last two centuries. <i>Biogeosciences</i> , 2011, 8, 137-146.   | 3.3  | 24        |
| 53 | Preservation potential of ancient plankton DNA in Pleistocene marine sediments. <i>Geobiology</i> , 2011, 9, 377-393.   | 2.4  | 76        |
| 54 | Diversity and Spatial Distribution of Prokaryotic Communities Along A Sediment Vertical Profile of A Deep-Sea Mud Volcano. <i>Microbial Ecology</i> , 2011, 62, 655-668.  | 2.8  | 69        |

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|----|---|-----|-----------|
| 55 | Climate-controlled multidecadal variability in North African dust transport to the Mediterranean. <i>Geology</i> , 2010, 38, 19-22.   | 4.4 | 26        |
| 56 | Messinian salinity crisis: A novel unifying shallow gypsum/deep dolomite formation mechanism. <i>Marine Geology</i> , 2010, 275, 273-277.   | 2.1 | 58        |
| 57 | Phosphorus cycling in marine sediments from the continental margin off Namibia. <i>Marine Geology</i> , 2010, 274, 95-106.  | 2.1 | 31        |
| 58 | Selective aerobic and anaerobic degradation of lipids and palynomorphs in the Eastern Mediterranean since the onset of sapropel S1 deposition. <i>Marine Geology</i> , 2010, 278, 177-192.  | 2.1 | 29        |
| 59 | Benthic phosphorus and iron budgets for three NW African slope sediments: a balance approach. <i>Biogeosciences</i> , 2010, 7, 469-480.   | 3.3 | 15        |
| 60 | Selective preservation of organic matter in marine environments; processes and impact on the sedimentary record. <i>Biogeosciences</i> , 2010, 7, 483-511.  | 3.3 | 331       |
| 61 | Reconstructing the seafloor environment during sapropel formation using benthic foraminiferal trace metals, stable isotopes, and sediment composition. <i>Paleoceanography</i> , 2010, 25, n/a-n/a.   | 3.0 | 36        |
| 62 | Short-time-scale variability in ventilation and export productivity during the formation of Mediterranean sapropel S1. <i>Paleoceanography</i> , 2010, 25, n/a-n/a.   | 3.0 | 43        |
| 63 | Lithium isotope geochemistry of marine pore waters – Insights from cold seep fluids. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 3459-3475.  | 3.9 | 62        |
| 64 | Sedimentary organic carbon to phosphorus ratios as a redox proxy in Quaternary records from the Mediterranean. <i>Chemical Geology</i> , 2010, 277, 167-177.  | 3.3 | 49        |
| 65 | Trace-elemental derived paleoceanographic and paleoclimatic conditions for Pleistocene Eastern Mediterranean sapropels. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 293, 76-89.  | 2.3 | 63        |
| 66 | Sulfur cycling and methanogenesis primarily drive microbial colonization of the highly sulfidic Urania deep hypersaline basin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9151-9156. | 7.1 | 118       |
| 67 | Microbial methane oxidation and sulfate reduction at cold seeps of the deep Eastern Mediterranean Sea. <i>Marine Geology</i> , 2009, 261, 114-127.  | 2.1 | 69        |
| 68 | Menes caldera, a highly active site of brine seepage in the Eastern Mediterranean sea: – In situ – observations from the NAUTINIL expedition (2003). <i>Marine Geology</i> , 2009, 261, 138-152.  | 2.1 | 48        |
| 69 | Fish scales in sediments from off Callao, central Peru. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 1124-1135.  | 1.4 | 22        |
| 70 | Differential aerobic and anaerobic oxidation of hydrocarbon gases discharged at mud volcanoes in the Nile deep-sea fan. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 3849-3863.   | 3.9 | 50        |
| 71 | Effects of long term oxic degradation on the , TEX86 and BIT organic proxies. <i>Organic Geochemistry</i> , 2009, 40, 1188-1194.  | 1.8 | 103       |
| 72 | Mud volcanoes and gas hydrates in the Anaximander mountains (Eastern Mediterranean Sea). <i>Marine and Petroleum Geology</i> , 2009, 26, 854-872.   | 3.3 | 75        |

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|----|--|------|-----------|
| 73 | Diagenetic changes of magnetic and geochemical signals by anaerobic methane oxidation in sediments of the Zambezi deep-sea fan (SW Indian Ocean). <i>Marine Geology</i> , 2008, 255, 118-130.  | 2.1  | 116       |
| 74 | Synchronous basin-wide formation and redox-controlled preservation of a Mediterranean sapropel. <i>Nature Geoscience</i> , 2008, 1, 606-610.   | 12.9 | 230       |
| 75 | Characterization of methanogenic and prokaryotic assemblages based on <i>mcrA</i> and 16S rRNA gene diversity in sediments of the Kazan mud volcano (Mediterranean Sea). <i>Geobiology</i> , 2008, 6, 450-460.   | 2.4  | 31        |
| 76 | A natural exposure experiment on short-term species-selective aerobic degradation of dinoflagellate cysts. <i>Review of Palaeobotany and Palynology</i> , 2008, 152, 32-39.  | 1.5  | 39        |
| 77 | Bromine counts from XRF scanning as an estimate of the marine organic carbon content of sediment cores. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .   | 2.5  | 158       |
| 78 | Selective preservation of soil organic matter in oxidized marine sediments (Madeira Abyssal Plain). <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 6061-6068.  | 3.9  | 124       |
| 79 | Biogeochemistry and Community Composition of Iron- and Sulfur-Precipitating Microbial Mats at the Chefren Mud Volcano (Nile Deep Sea Fan, Eastern Mediterranean). <i>Applied and Environmental Microbiology</i> , 2008, 74, 3198-3215.   | 3.1  | 137       |
| 80 | Fluid displacive resin embedding of laminated sediments: preserving trace metals for high-resolution paleoclimate investigations. <i>Limnology and Oceanography: Methods</i> , 2008, 6, 16-22.   | 2.0  | 25        |
| 81 | Preservaci3n y abundancia de escamas de peces en sedimentos del margen continental de Chile (21-36° Tj ETQq1,2 1 0.784314 rgB  | 1.1  | 3         |
| 82 | Seafloor geological studies above active gas chimneys off Egypt (Central Nile Deep Sea Fan). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2007, 54, 1146-1172.   | 1.4  | 89        |
| 83 | Atypical Mo isotope signatures in eastern Mediterranean sediments. <i>Chemical Geology</i> , 2007, 245, 1-8.   | 3.3  | 48        |
| 84 | Active venting at the Isis mud volcano, offshore Egypt: Origin and migration of hydrocarbons. <i>Chemical Geology</i> , 2007, 246, 87-106.   | 3.3  | 44        |
| 85 | Effects of the Santorini (Thera) eruption on manganese behavior in Holocene sediments of the eastern Mediterranean. <i>Earth and Planetary Science Letters</i> , 2006, 241, 188-201.   | 4.4  | 11        |
| 86 | Source and development of large manganese enrichments above eastern Mediterranean sapropel S1. <i>Paleoceanography</i> , 2006, 21, .   | 3.0  | 37        |
| 87 | Phyto_ and zooplankton paleofluxes during the deposition of sapropel S1 (eastern Mediterranean): Biogenic carbonate preservation and paleoecological implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 235, 8-27.   | 2.3  | 33        |
| 88 | Abundant Sr-rich aragonite in eastern Mediterranean sapropel S1: Diagenetic vs. detrital/biogenic origin. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 235, 135-148.   | 2.3  | 10        |
| 89 | Fossil record of holococcoliths and selected hetero-holococcolith associations from the Mediterranean (Holocene-late Pleistocene): Evaluation of carbonate diagenesis and palaeoecological-palaeoenographic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 237, 191-212. | 2.3  | 25        |
| 90 | Stratified prokaryote network in the oxic-anoxic transition of a deep-sea halocline. <i>Nature</i> , 2006, 440, 203-207.   | 27.8 | 215       |

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|-----|---|------|-----------|
| 91  | Pore water geochemistry of eastern Mediterranean mud volcanoes: Implications for fluid transport and fluid origin. <i>Marine Geology</i> , 2006, 225, 191-208.  | 2.1  | 61        |
| 92  | The Enigma of Prokaryotic Life in Deep Hypersaline Anoxic Basins. <i>Science</i> , 2005, 307, 121-123.  | 12.6 | 275       |
| 93  | Phosphorus burial as a function of paleoproductivity and redox conditions in Arabian Sea sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 919-931.   | 3.9  | 100       |
| 94  | A Mössbauer spectroscopic study of the iron redox transition in eastern Mediterranean sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 441-453.  | 3.9  | 36        |
| 95  | Oxygenation and organic-matter preservation in marine sediments: Direct experimental evidence from ancient organic carbon-rich deposits. <i>Geology</i> , 2005, 33, 889.  | 4.4  | 103       |
| 96  | Abnormal carbonate diagenesis in Holocene-late Pleistocene sapropel-associated sediments from the Eastern Mediterranean; evidence from <i>Emiliana huxleyi</i> coccolith morphology. <i>Marine Micropaleontology</i> , 2004, 52, 217-240. | 1.2  | 18        |
| 97  | Changes in Magnetic Parameters After Sequential Iron Phase Extraction of Eastern Mediterranean Sapropel S1 Sediments. <i>Studia Geophysica Et Geodaetica</i> , 2004, 48, 345-362.   | 0.5  | 5         |
| 98  | New evidence of extensive active mud volcanism in the Anaximander mountains (Eastern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td   | 1.2  | 22        |
| 99  | Controls on phosphorus regeneration and burial during formation of eastern Mediterranean sapropels. <i>Marine Geology</i> , 2004, 203, 141-159.   | 2.1  | 106       |
| 100 | Biogenic barium and the detrital Ba/Al ratio: a comparison of their direct and indirect determination. <i>Marine Geology</i> , 2004, 204, 289-300.  | 2.1  | 99        |
| 101 | Florisphaera profunda and the origin and diagenesis of carbonate phases in eastern Mediterranean sapropel units. <i>Paleoceanography</i> , 2004, 19, n/a-n/a.   | 3.0  | 33        |
| 102 | Life at cold seeps: a synthesis of biogeochemical and ecological data from Kazan mud volcano, eastern Mediterranean Sea. <i>Chemical Geology</i> , 2004, 205, 367-390.  | 3.3  | 58        |
| 103 | A combined geochemical and rock-magnetic investigation of a redox horizon at the last glacial/interglacial transition. <i>Physics and Chemistry of the Earth</i> , 2004, 29, 921-931.   | 2.9  | 22        |
| 104 | Geochemistry of an exotic sediment layer above sapropel S-1: mud expulsion from the Urania Basin, eastern Mediterranean?. <i>Marine Geology</i> , 2003, 197, 49-61.   | 2.1  | 16        |
| 105 | Selective organic matter preservation in "burn-down" turbidites on the Madeira Abyssal Plain. <i>Paleoceanography</i> , 2003, 18, n/a-n/a.  | 3.0  | 53        |
| 106 | Sequential extraction of iron, manganese and related elements in S1 sapropel sediments, eastern Mediterranean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 190, 79-101.  | 2.3  | 26        |
| 107 | Carbon geochemistry of cold seeps: Methane fluxes and transformation in sediments from Kazan mud volcano, eastern Mediterranean Sea. <i>Earth and Planetary Science Letters</i> , 2003, 212, 361-375.                                     | 4.4  | 86        |
| 108 | Fluid-sediment interactions at Eastern Mediterranean mud volcanoes: a stable isotope study from ODP Leg 160. <i>Earth and Planetary Science Letters</i> , 2003, 212, 377-391.   | 4.4  | 188       |

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|-----|---|-----|-----------|
| 109 | Enhanced regeneration of phosphorus during formation of the most recent eastern Mediterranean sapropel (S1). <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 1171-1184.  | 3.9 | 132       |
| 110 | A novel selective extraction of barite, and its application to eastern Mediterranean sediments. <i>Earth and Planetary Science Letters</i> , 2002, 198, 11-24.  | 4.4 | 26        |
| 111 | Oxygen minimum zone controlled Mn redistribution in Arabian Sea sediments during the late Quaternary. <i>Paleoceanography</i> , 2002, 17, 10-1-10-12.   | 3.0 | 34        |
| 112 | Sedimentary pyrite formation in the Arabian Sea. <i>Marine Geology</i> , 2002, 185, 393-402.  | 2.1 | 41        |
| 113 | Synchronicity of oxygen minimum zone intensity on the Oman and Pakistan Margins at sub-Milankovitch time scales. <i>Marine Geology</i> , 2002, 185, 403-415.  | 2.1 | 40        |
| 114 | Oxidation and Origin of Organic Matter in Surficial Eastern Mediterranean Hemipelagic Sediments. <i>Aquatic Geochemistry</i> , 2002, 8, 153-175.  | 1.3 | 55        |
| 115 | Barium accumulation in the Arabian Sea: controls on barite preservation in marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 1545-1556.  | 3.9 | 93        |
| 116 | Geochemistry of coeval marine sediments in Mediterranean ODP cores and a land section: implications for sapropel formation models. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 165, 97-112.      | 2.3 | 35        |
| 117 | Phosphorus regeneration vs. burial in sediments of the Arabian Sea. <i>Marine Chemistry</i> , 2001, 75, 201-217.  | 2.3 | 112       |
| 118 | Palaeoproductivity and post-depositional aerobic organic matter decay reflected by dinoflagellate cyst assemblages of the Eastern Mediterranean S1 sapropel. <i>Marine Geology</i> , 2001, 172, 181-195.              | 2.1 | 164       |
| 119 | Nd isotopic compositions of Eastern Mediterranean sediments: tracers of the Nile influence during sapropel S1 formation?. <i>Marine Geology</i> , 2001, 177, 45-62.   | 2.1 | 96        |
| 120 | Magnetic properties and geochemistry of the active oxidation front and the youngest sapropel in the eastern Mediterranean Sea. <i>Geophysical Journal International</i> , 2001, 145, 604-614.                         | 2.4 | 126       |
| 121 | A novel chemical method to quantify fish debris in marine sediments. <i>Limnology and Oceanography</i> , 2000, 45, 963-971.   | 3.1 | 87        |
| 122 | Phosphogenesis and active phosphorite formation in sediments from the Arabian Sea oxygen minimum zone. <i>Marine Geology</i> , 2000, 169, 1-20.   | 2.1 | 120       |
| 123 | Geochemical constraints on Pliocene sapropel formation in the eastern Mediterranean. <i>Marine Geology</i> , 2000, 163, 41-63.  | 2.1 | 72        |
| 124 | Present-day coccolith fluxes recorded in central eastern Mediterranean sediment traps and surface sediments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 158, 175-195.                           | 2.3 | 115       |
| 125 | Recent terrestrial and carbonate fluxes in the pelagic eastern Mediterranean; a comparison between sediment trap and surface sediment. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 158, 197-213. | 2.3 | 45        |
| 126 | Linking Mediterranean brine pools and mud volcanism. <i>Eos</i> , 2000, 81, 625-632.  | 0.1 | 33        |

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|-----|---|------|-----------|
| 127 | Deposition of sapropel S1 sediments in oxic pelagic and anoxic brine environments in the eastern Mediterranean: differences in diagenesis and preservation. <i>Marine Geology</i> , 1999, 153, 319-335.           | 2.1  | 16        |
| 128 | Modes of sapropel formation in the eastern Mediterranean: some constraints based on pyrite properties. <i>Marine Geology</i> , 1999, 153, 199-219.  | 2.1  | 92        |
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