# Ãdouard Bard

List of Publications by Year
in descending order

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|---|---|---|---|
| 177 papers | 44,837 citations | 5896 81 h-index | 4117 175 g-index |
| 180 all docs | 180 docs citations | 180 times ranked | 24599 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Solar irradiance during the last 1200 years based on cosmogenic nuclides. Tellus, Series B: Chemical and Physical Meteorology, 2022, 52, 985. | 1.6 | 313 |
| 2 | Modelling the stratospheric budget of beryllium isotopes. Tellus, Series B: Chemical and Physical Meteorology, 2022, 67, 28582. | 1.6 | 20 |
| 3 | An absolute radiocarbon chronology for the world heritage site of Sarvestan (SW Iran): A late Sasanian heritage in early Islamic era. Archaeometry, 2022, 64, 545-559. | 1.3 | 3 |
| 4 | Radiocarbon as a Dating Tool and Tracer in Paleoceanography. Reviews of Geophysics, 2022, 60, . | 23.0 | 16 |
| 5 | Glacier response to Holocene warmth inferred from in situ <sup>10</sup>Be and <sup>14</sup>C bedrock analyses in Steingletscher's forefield (central Swiss Alps). Climate of the Past, 2022, 18, 23-44. | 3.4 | 9 |
| 6 | A predominantly tropical influence on late Holocene hydroclimate variation in the hyperarid central Sahara. Science Advances, 2022, 8, eabk1261. | 10.3 | 7 |
| 7 | Tracing the mobility of a Late Epigravettian (~â€‰13Âka) male infant from Grotte di Pradis (Northeastern) Tj ETQq1 1 0.784314 rgBT | 3.3 | 4 |
| 8 | In situ cosmogenic <sup>10</sup>Beâ€“<sup>14</sup>Câ€“<sup>26< measurements from recently deglaciated bedrock as a new tool to decipher changes in Greenland Ice Sheet size. Climate of the Past, 2021, 17, 419-450. | 3.4 | 14 |
| 9 | The Novel Hydroxylated Tetraether Index RIâ€OHâ€² as a Sea Surface Temperature Proxy for the 160â€45 ka BP Period Off the Iberian Margin. Paleoceanography and Paleoclimatology, 2021, 36, e2020PA004077. | 2.9 | 12 |
| 10 | On the tuning of plateaus in atmospheric and oceanic <sup>14</sup>C records to derive calendar chronologies of deep-sea cores and records of <sup>14</sup>C marine reservoir age changes. Climate of the Past, 2021, 17, 1701-1725. | 3.4 | 3 |
| 11 | Radiocarbon: A key tracer for studying Earthâ€™s dynamo, climate system, carbon cycle, and Sun. Science, 2021, 374, eabd7096. | 12.6 | 33 |
| 12 | Onset of the Younger Dryas Recorded with <sup>14</sup>C at Annual Resolution in French Subfossil Trees. Radiocarbon, 2020, 62, 901-918. | 1.8 | 13 |
| 13 | Findings from an in-Depth Annual Tree-Ring Radiocarbon Intercomparison. Radiocarbon, 2020, 62, 873-882. | 1.8 | 22 |
| 14 | Is the dating of short tree-ring series still a challenge? New evidence from the pile dwelling of Lucone di Polpenazze (northern Italy). Journal of Archaeological Science, 2020, 121, 105190. | 2.4 | 4 |
| 15 | Marine20â€”The Marine Radiocarbon Age Calibration Curve (0â€“55,000 cal BP). Radiocarbon, 2020, 62, 779-820. | 1.8 | 827 |
| 16 | Extended dilation of the radiocarbon time scale between 40,000 and 48,000 y BP and the overlap between Neanderthals and Homo sapiens. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21005-21007. | 7.1 | 20 |
| 17 | The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0â€“55 cal kBP). Radiocarbon, 2020, 62, 725-757. | 1.8 | 3,502 |
| 18 | A 14C chronology for the Middle to Upper Palaeolithic transition at Bacho Kiro Cave, Bulgaria. Nature Ecology and Evolution, 2020, 4, 794-801. | 7.8 | 85 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Initial Upper Palaeolithic Homo sapiens from Bacho Kiro Cave, Bulgaria. Nature, 2020, 581, 299-302. | 27.8 | 188 |
| 20 | Early Diagenesis of Lacustrine Carbonates in Volcanic Settings: The Role of Magmatic CO<sub>2</sub> (Lake Dziani Dzaha, Mayotte, Indian Ocean). ACS Earth and Space Chemistry, 2020, 4, 363-378. | 2.7 | 18 |
| 21 | Chronostratigraphy of a 1.5Â±0.1ÂMa composite sedimentary record from ColÃ´nia basin (SE Brazil): Bayesian modeling based on paleomagnetic, authigenic 10Be/9Be, radiocarbon and luminescence dating. Quaternary Geochronology, 2020, 58, 101081. | 1.4 | 12 |
| 22 | Shut down of the South American summer monsoon during the penultimate glacial. Scientific Reports, 2020, 10, 6275. | 3.3 | 19 |
| 23 | A Comparison of 36 Cl Nuclear Bomb Inputs Deposited in Snow From Vostok and Talos Dome, Antarctica, Using the 36 Cl/Cl â^' ratio. Journal of Geophysical Research D: Atmospheres, 2019, 124, 10973-10988. | 3.3 | 6 |
| 24 | Direct radiocarbon dates of mid Upper Palaeolithic human remains from DolnÃ-VÄ›stonice II and Pavlov I, Czech Republic. Journal of Archaeological Science: Reports, 2019, 27, 102000. | 0.5 | 7 |
| 25 | A New Highâ€Resolution Magnetic Scanner for Sedimentary Sections. Geochemistry, Geophysics, Geosystems, 2019, 20, 3186-3200. | 2.5 | 3 |
| 26 | Update on the cosmogenic in situ 14C laboratory at the Lamont-Doherty Earth Observatory. Nuclear Instruments & Methods in Physics Research B, 2019, 456, 157-162. | 1.4 | 10 |
| 27 | Persistent Draining of the Stratospheric <sup>10</sup>Be Reservoir After the Samalas Volcanic Eruption (1257 CE). Journal of Geophysical Research D: Atmospheres, 2019, 124, 7082-7097. | 3.3 | 13 |
| 28 | Liquid chromatographic isolation of individual carbohydrates from environmental matrices for stable carbon analysis and radiocarbon dating. Analytica Chimica Acta, 2019, 1067, 137-146. | 5.4 | 6 |
| 29 | Western Mediterranean Sea Paleothermometry Over the Last Glacial Cycle Based on the Novel RIâ€OH Index. Paleoceanography and Paleoclimatology, 2019, 34, 616-634. | 2.9 | 14 |
| 30 | Multiradionuclide evidence for an extreme solar proton event around 2,610 B.P. (â^¼660 BC). Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5961-5966. | 7.1 | 63 |
| 31 | Source apportionment of carbonaceous aerosols in the vicinity of a Mediterranean industrial harbor: A coupled approach based on radiocarbon and molecular tracers. Atmospheric Environment, 2019, 212, 250-261. | 4.1 | 5 |
| 32 | Pretreatment and gaseous radiocarbon dating of 40â€“100â€‰mg archaeological bone. Scientific Reports, 2019, 9, 5342. | 3.3 | 36 |
| 33 | Radiocarbon dating small carbonate samples with the gas ion source of AixMICADAS. Nuclear Instruments & Methods in Physics Research B, 2019, 455, 276-283. | 1.4 | 14 |
| 34 | Late Holocene hydrology of Lake Maharlou, southwest Iran, inferred from high-resolution sedimentological and geochemical analyses. Journal of Paleolimnology, 2019, 61, 111-128. | 1.6 | 15 |
| 35 | Recent hydrological variability of the Moroccan Middle Atlas Mountains inferred from microscale sedimentological and geochemical analyses of lake sediments. Quaternary Research, 2019, 91, 414-430. | 1.7 | 4 |
| 36 | The importance of mass accuracy in selected ion monitoring analysis of branched and isoprenoid tetraethers. Organic Geochemistry, 2018, 118, 58-62. | 1.8 | 15 |

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|---|---|---|---|
| 37 | Wood<sup>14</sup>C Dating with AixMICADAS: Methods and Application to Tree-Ring Sequences from the Younger Dryas Event in the Southern French Alps. Radiocarbon, 2018, 60, 51-74. | 1.8 | 22 |
| 38 | Development of small CO2 gas measurements with AixMICADAS. Nuclear Instruments & Methods in Physics Research B, 2018, 437, 93-97. | 1.4 | 20 |
| 39 | Solar activity over nine millennia: A consistent multi-proxy reconstruction. Astronomy and Astrophysics, 2018, 615, A93. | 5.1 | 66 |
| 40 | Chlorine measurements at the 5MV French AMS national facility ASTER: Associated external uncertainties and comparability with the 6MV DREAMS facility. Nuclear Instruments & Methods in Physics Research B, 2018, 420, 40-45. | 1.4 | 10 |
| 41 | Large 14C age offsets between the fine fraction and coexisting planktonic foraminifera in shallow Caribbean sediments. Quaternary Geochronology, 2017, 38, 61-74. | 1.4 | 7 |
| 42 | Size Matters: Radiocarbon Dates of <200 Âµg Ancient Collagen Samples with AixMICADAS and Its Gas Ion Source. Radiocarbon, 2017, 60, 425-439. | 1.8 | 22 |
| 43 | The PMIP4 contribution to CMIP6 â€“ Part 3: The last millennium, scientific objective, and experimental design for the PMIP4 <i>past1000</i> simulations. Geoscientific Model Development, 2017, 10, 4005-4033. | 3.6 | 155 |
| 44 | Sea surface temperature reconstructions over the last 70â€‰kyr off Portugal: Biomarker data and regional modeling. Paleoceanography, 2016, 31, 40-65. | 3.0 | 22 |
| 45 | Comment on â€œYounger Dryas sea level and meltwater pulse 1B recorded in Barbados reefal crest coral Acropora palmataâ€•by N. A. Abdul et al.. Paleoceanography, 2016, 31, 1603-1608. | 3.0 | 20 |
| 46 | Estimating contributions from biomass burning, fossil fuel combustion, and biogenic carbon to carbonaceous aerosols in the Valley of Chamonix: a dual approach based on radiocarbon and levoglucosan. Atmospheric Chemistry and Physics, 2016, 16, 13753-13772. | 4.9 | 35 |
| 47 | Consequences of twenty-first-century policy for multi-millennial climate and sea-level change. Nature Climate Change, 2016, 6, 360-369. | 18.8 | 442 |
| 48 | AixMICADAS, the accelerator mass spectrometer dedicated to 14C recently installed in Aix-en-Provence, France. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 80-86. | 1.4 | 63 |
| 49 | No evidence for planetary influence on solar activity 330â€‰000 years ago. Astronomy and Astrophysics, 2014, 561, A132. | 5.1 | 18 |
| 50 | Permafrost thawing as a possible source of abrupt carbon release at the onset of the BÃ¸lling/AllerÃ¸d. Nature Communications, 2014, 5, 5520. | 12.8 | 60 |
| 51 | Meltwater events and the Mediterranean reconnection at the Saalianâ€“Eemian transition in the Black Sea. Earth and Planetary Science Letters, 2014, 404, 124-135. | 4.4 | 34 |
| 52 | Insights into continental temperatures in the northwestern Black Sea area during the Last Glacial period using branched tetraether lipids. Quaternary Science Reviews, 2014, 84, 98-108. | 3.0 | 30 |
| 53 | Hydrological changes in eastern europe during the last 40,000 yr inferred from biomarkers in Black Sea Sediments. Quaternary Research, 2013, 80, 502-509. | 1.7 | 13 |
| 54 | Recent climatic and anthropogenic imprints on lacustrine systems in the Pyrenean Mountains inferred from minerogenic and organic clastic supply (Vicdessos valley, Pyrenees, France). Holocene, 2013, 23, 1764-1777. | 1.7 | 17 |

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| 55 | Palaeoflood activity and climate change over the last 1400 years recorded by lake sediments in the northâ€west European Alps. Journal of Quaternary Science, 2013, 28, 189-199. | 2.1 | 98 |
| 56 | Holocene land-use evolution and associated soil erosion in the French Prealps inferred from Lake Paladru sediments and archaeological evidences. Journal of Archaeological Science, 2013, 40, 1636-1645. | 2.4 | 57 |
| 57 | An automated purification method for archaeal and bacterial tetraethers in soils and sediments. Organic Geochemistry, 2013, 54, 83-90. | 1.8 | 11 |
| 58 | Abrupt drainage cycles of the Fennoscandian Ice Sheet. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6682-6687. | 7.1 | 63 |
| 59 | Comparison of <sup>14</sup>C and U-Th Ages in Corals from IODP #310 Cores Offshore Tahiti. Radiocarbon, 2013, 55, 1947-1974. | 1.8 | 26 |
| 60 | An interlaboratory study of TEX<sub>86</sub> and BIT analysis of sediments, extracts, and standard mixtures. Geochemistry, Geophysics, Geosystems, 2013, 14, 5263-5285. | 2.5 | 76 |
| 61 | Selection and Treatment of Data for Radiocarbon Calibration: An Update to the International Calibration (IntCal) Criteria. Radiocarbon, 2013, 55, 1923-1945. | 1.8 | 134 |
| 62 | IntCal13 and Marine13 Radiocarbon Age Calibration Curves 0â€“50,000 Years cal BP. Radiocarbon, 2013, 55, 1869-1887. | 1.8 | 9,487 |
| 63 | Elastic Tie-Pointingâ€”Transferring Chronologies between Records via a Gaussian Process. Radiocarbon, 2013, 55, 1975-1997. | 1.8 | 32 |
| 64 | Radiocarbon Calibration/Comparison Records Based on Marine Sediments from the Pakistan and Iberian Margins. Radiocarbon, 2013, 55, 1999-2019. | 1.8 | 40 |
| 65 | Climate forcing reconstructions for use in PMIP simulations of the Last Millennium (v1.1). Geoscientific Model Development, 2012, 5, 185-191. | 3.6 | 238 |
| 66 | Reef response to sea-level and environmental changes during the last deglaciation: Integrated Ocean Drilling Program Expedition 310, Tahiti Sea Level. Geology, 2012, 40, 643-646. | 4.4 | 87 |
| 67 | A precise search for drastic temperature shifts of the past 40,000 years in southeastern Europe. Paleoceanography, 2012, 27, . | 3.0 | 27 |
| 68 | Global warming preceded by increasing carbon dioxide concentrations during the last deglaciation. Nature, 2012, 484, 49-54. | 27.8 | 1,141 |
| 69 | Ice-sheet collapse and sea-level rise at the BÃ¸lling warming 14,600â€‰years ago. Nature, 2012, 483, 559-564. | 27.8 | 475 |
| 70 | 1400 years of extreme precipitation patterns over the Mediterranean French Alps and possible forcing mechanisms. Quaternary Research, 2012, 78, 1-12. | 1.7 | 109 |
| 71 | Mise en Ã©vidence de la remontÃ©e du niveau marin grÃ¢ce Ã  la datation des coraux de Tahiti. La Lettre Du CollÃ¨ge De France, 2012, , 32-33. | 0.0 | 0 |
| 72 | Northeastern Pacific oxygen minimum zone variability over the past 70 kyr: Impact of biological production and oceanic ventilation. Paleoceanography, 2011, 26, . | 3.0 | 55 |

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| 73 | Volcanic and solar activity, and atmospheric circulation influences on cosmogenic 10Be fallout at Vostok and Concordia (Antarctica) over the last 60years. Geochimica Et Cosmochimica Acta, 2011, 75, 7132-7145. | 3.9 | 65 |
| 74 | Black Sea â€œLakeâ€•reservoir age evolution since the Last Glacial â€" Hydrologic and climatic implications. Earth and Planetary Science Letters, 2011, 308, 245-258. | 4.4 | 82 |
| 75 | A revised calendar age for the last reconnection of the Black Sea to the global ocean. Quaternary Science Reviews, 2011, 30, 1019-1026. | 3.0 | 95 |
| 76 | Climate forcing reconstructions for use in PMIP simulations of the last millennium (v1.0). Geoscientific Model Development, 2011, 4, 33-45. | 3.6 | 349 |
| 77 | Expression of the bipolar see-saw in Antarctic climate records during the last deglaciation. Nature Geoscience, 2011, 4, 46-49. | 12.9 | 212 |
| 78 | An Antarctic view of Beryllium-10 and solar activity for the past millennium. Climate Dynamics, 2011, 36, 2201-2218. | 3.8 | 202 |
| 79 | Microbialite development patterns in the last deglacial reefs from Tahiti (French Polynesia; IODP) Tj ETQq1 1 0.784314 rgBT /Overlock | 2.1 | 48 |
| 80 | A critical look at solar-climate relationships from long temperature series. Climate of the Past, 2010, 6, 745-758. | 3.4 | 9 |
| 81 | More humid interglacials in Ecuador during the past 500 kyr linked to latitudinal shifts of the equatorial front and the Intertropical Convergence Zone in the eastern tropical Pacific. Paleoceanography, 2010, 25, . | 3.0 | 67 |
| 82 | Deglacial Meltwater Pulse 1B and Younger Dryas Sea Levels Revisited with Boreholes at Tahiti. Science, 2010, 327, 1235-1237. | 12.6 | 294 |
| 83 | Combining charcoal and elemental black carbon analysis in sedimentary archives: Implications for past fire regimes, the pyrogenic carbon cycle, and the humanâ€“climate interactions. Global and Planetary Change, 2010, 72, 381-389. | 3.5 | 75 |
| 84 | Glacial hydrologic conditions in the Black Sea reconstructed using geochemical pore water profiles. Earth and Planetary Science Letters, 2010, 296, 57-66. | 4.4 | 71 |
| 85 | Penultimate Deglacial Sea-Level Timing from Uranium/Thorium Dating of Tahitian Corals. Science, 2009, 324, 1186-1189. | 12.6 | 113 |
| 86 | ITCZ rather than ENSO signature for abrupt climate changes across the tropical Pacific?. Quaternary Research, 2009, 72, 123-131. | 1.7 | 63 |
| 87 | A comparison of PMIP2 model simulations and the MARGO proxy reconstruction for tropical sea surface temperatures at last glacial maximum. Climate Dynamics, 2009, 32, 799-815. | 3.8 | 126 |
| 88 | Migration of the subtropical front as a modulator of glacial climate. Nature, 2009, 460, 380-383. | 27.8 | 196 |
| 89 | Phasing and amplitude of sea-level and climate change during the penultimate interglacial. Nature Geoscience, 2009, 2, 355-359. | 12.9 | 125 |
| 90 | Late Pleistoceneâ€“Holocene evolution of the northern shelf of the Sea of Marmara. Marine Geology, 2009, 265, 87-100. | 2.1 | 86 |

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| 91 | Wet to dry climatic trend in north-western Iberia within Heinrich events. Earth and Planetary Science Letters, 2009, 284, 329-342. | 4.4 | 167 |
| 92 | Millennial/centennial-scale thermocline ventilation changes in the Indian Ocean as reflected by aragonite preservation and geochemical variations in Arabian Sea sediments. Geochimica Et Cosmochimica Acta, 2009, 73, 6771-6788. | 3.9 | 56 |
| 93 | Preservation state of metastable magnesian calcite in periplatform sediments from the Caribbean Sea over the last million years. Geochemistry, Geophysics, Geosystems, 2009, 10, . | 2.5 | 11 |
| 94 | On the common solar signal in different cosmogenic isotope data sets. Journal of Geophysical Research, 2009, 114, . | 3.3 | 45 |
| 95 | IntCal09 and Marine09 Radiocarbon Age Calibration Curves, 0â€“50,000 Years cal BP. Radiocarbon, 2009, 51, 1111-1150. | 1.8 | 4,009 |
| 96 | Assessing influence of diagenetic carbonate dissolution on planktonic foraminiferal Mg/Ca in the southeastern Arabian Sea over the past 450 ka: Comparison between Globigerinoides ruber and Globigerinoides sacculifer. Geochemistry, Geophysics, Geosystems, 2008, 9, . | 2.5 | 24 |
| 97 | Comment on â€œAre there connections between the Earth's magnetic field and climate?â€•by V. Courtillot, Y. Gallet, J.-L. Le MouÃ«l, F. Fluteau, A. Genevey EPSL 253, 328, 2007. Earth and Planetary Science Letters, 2008, 265, 302-307. | 4.4 | 36 |
| 98 | A calendar chronology for Pleistocene mammoth and horse extinction in North America based on Bayesian radiocarbon calibration. Quaternary Science Reviews, 2007, 26, 2031-2035. | 3.0 | 48 |
| 99 | Coccolith chemistry reveals secular variations in the global ocean carbon cycle?. Earth and Planetary Science Letters, 2007, 253, 83-95. | 4.4 | 98 |
| 100 | Comment on â€œSolar activity during the last 1000yr inferred from radionuclide recordsâ€•by Muscheler et al. (2007). Quaternary Science Reviews, 2007, 26, 2301-2304. | 3.0 | 30 |
| 101 | Evidence of ventilation changes in the Arabian Sea during the late Quaternary: Implication for denitrification and nitrous oxide emission. Global Biogeochemical Cycles, 2007, 21, . | 4.9 | 58 |
| 102 | Toward direct, micron-scale XRF elemental maps and quantitative profiles of wet marine sediments. Geochemistry, Geophysics, Geosystems, 2007, 8, n/a-n/a. | 2.5 | 41 |
| 103 | Moisture transport across Central America as a positive feedback on abrupt climatic changes. Nature, 2007, 445, 908-911. | 27.8 | 204 |
| 104 | The timing and evolution of the post-glacial transgression across the Sea of Marmara shelf south of Ä°stanbul. Marine Geology, 2007, 243, 57-76. | 2.1 | 72 |
| 105 | Timing of meltwater pulse 1a and climate responses to meltwater injections. Paleoceanography, 2006, 21, . | 3.0 | 181 |
| 106 | Climate change and solar variability: What's new under the sun?. Earth and Planetary Science Letters, 2006, 248, 1-14. | 4.4 | 150 |
| 107 | Early Reactivation of European Rivers During the Last Deglaciation. Science, 2006, 313, 1623-1625. | 12.6 | 121 |
| 108 | Isotopic and elemental records in a non-tropical coral (Cladocora caespitosa): Discovery of a new high-resolution climate archive for the Mediterranean Sea. Global and Planetary Change, 2005, 49, 94-120. | 3.5 | 35 |

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| 109 | NotCal04â€"Comparison/Calibration <sup>14</sup>C Records 26â€“50 Cal Kyr BP. Radiocarbon, 2004, 46, 1225-1238. | 1.8 | 141 |
| 110 | PALEOCLIMATE: A Better Radiocarbon Clock. Science, 2004, 303, 178-179. | 12.6 | 59 |
| 111 | Radiocarbon calibration beyond 20,000 14C yr B.P. by means of planktonic foraminifera of the Iberian Margin. Quaternary Research, 2004, 61, 204-214. | 1.7 | 153 |
| 112 | Greenhouse effect and ice ages: historical perspective. Comptes Rendus - Geoscience, 2004, 336, 603-603. | 1.2 | 0 |
| 113 | Greenhouse effect and ice ages: historical perspective. Comptes Rendus - Geoscience, 2004, 336, 603-638. | 1.2 | 32 |
| 114 | 215-ka History of sea-level oscillations from marine and continental layers in Argentarola Cave speleothems (Italy). Global and Planetary Change, 2004, 43, 57-78. | 3.5 | 102 |
| 115 | Marine04 Marine Radiocarbon Age Calibration, 0â€"26 Cal Kyr Bp. Radiocarbon, 2004, 46, 1059-1086. | 1.8 | 1,040 |
| 116 | Present Status of Radiocarbon Calibration and Comparison Records Based on Polynesian Corals and Iberian Margin Sediments. Radiocarbon, 2004, 46, 1189-1202. | 1.8 | 56 |
| 117 | A biomass burning record from the West Equatorial Pacific over the last 360 ky: methodological, climatic and anthropic implications. Palaeogeography, Palaeoclimatology, Palaeoecology, 2004, 213, 83-99. | 2.3 | 50 |
| 118 | Past changes in biologically mediated dissolution of calcite above the chemical lysocline recorded in Indian Ocean sediments. Quaternary Science Reviews, 2003, 22, 1757-1770. | 3.0 | 47 |
| 119 | Climate Shock: Abrupt Changes over Millennial Time Scales. Physics Today, 2002, 55, 32-38. | 0.3 | 113 |
| 120 | Burial of redox-sensitive metals and organic matter in the equatorial Indian Ocean linked to precession. Geochimica Et Cosmochimica Acta, 2002, 66, 849-865. | 3.9 | 46 |
| 121 | Sea-level during the penultimate interglacial period based on a submerged stalagmite from Argentarola Cave (Italy). Earth and Planetary Science Letters, 2002, 196, 135-146. | 4.4 | 140 |
| 122 | Hydrological conditions over the western Mediterranean basin during the deposition of the cold Sapropel 6 (ca. 175 kyr BP). Earth and Planetary Science Letters, 2002, 202, 481-494. | 4.4 | 144 |
| 123 | High frequency palaeoceanographic changes during the past 140â€ˆ000 yr recorded by the organic matter in sediments of the Iberian Margin. Palaeogeography, Palaeoclimatology, Palaeoecology, 2002, 181, 431-452. | 2.3 | 188 |
| 124 | Alkenone distributions in the North Atlantic and Nordic sea surface waters. Geochemistry, Geophysics, Geosystems, 2002, 3, 1 of 13-13 of 13. | 2.5 | 68 |
| 125 | Preliminary Report of the First Workshop of the Intcal04 Radiocarbon Calibration/Comparison Working Group. Radiocarbon, 2002, 44, 653-661. | 1.8 | 48 |
| 126 | New TIMS constraints on the uranium-238 and uranium-234 in seawaters from the main ocean basins and the Mediterranean Sea 1 1Throughout the paper we use the Î´234U notation which represents the deviation of the measured 234U/238U atomic ratio from the 234U/238U atomic ratio at secular equilibrium: Î´234U=1000Ã—[(234U/238U)/(234U/238U)eqâˆ’1], where (234U/238U)eq is the ratio of the two decay constants: Î»238=1.5513Ã—10âˆ’10 yearâˆ’1 (Jaffey et al., 1971) and Î»234=2.826Ã—10âˆ’6 yearâˆ’1 recently revised | | |

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|---|---|---|---|
| 127 | Oxygen isotope/salinity relationship in the northern Indian Ocean. Journal of Geophysical Research, 2001, 106, 4565-4574. | 3.3 | 123 |
| 128 | Comparison of alkenone estimates with other paleotemperature proxies. Geochemistry, Geophysics, Geosystems, 2001, 2, n/a-n/a. | 2.5 | 85 |
| 129 | Precision of the current methods to measure the alkenone proxy U37Kâ€²and absolute alkenone abundance in sediments: Results of an interlaboratory comparison study. Geochemistry, Geophysics, Geosystems, 2001, 2, n/a-n/a. | 2.5 | 66 |
| 130 | Paleoceanographic implications of the difference in deep-sea sediment mixing between large and fine particles. Paleoceanography, 2001, 16, 235-239. | 3.0 | 91 |
| 131 | Environmental processes of the ice age: land, oceans, glaciers (EPILOG). Quaternary Science Reviews, 2001, 20, 627-657. | 3.0 | 875 |
| 132 | Sr/Ca, U/Ca and Î´18O records in recent massive corals from Bermuda: relationships with sea surface temperature. Chemical Geology, 2001, 176, 213-233. | 3.3 | 86 |
| 133 | A 300â€‰000-yr coral reef record of sea level changes, Mururoa atoll (Tuamotu archipelago, French) Tj ETQq1 1 0.784314 rgBT /Overlo | 2.3 | 112 |
| 134 | PALEOCLIMATE: Extending the Calibrated Radiocarbon Record. Science, 2001, 292, 2443-2444. | 12.6 | 12 |
| 135 | Radiocarbon Reservoir Ages in the Mediterranean Sea and Black Sea. Radiocarbon, 2000, 42, 271-280. | 1.8 | 323 |
| 136 | Solar irradiance during the last 1200 years based on cosmogenic nuclides. Tellus, Series B: Chemical and Physical Meteorology, 2000, 52, 985-992. | 1.6 | 273 |
| 137 | Sea-level change along the French Mediterranean coast for the past 30â€‰000 years. Earth and Planetary Science Letters, 2000, 175, 203-222. | 4.4 | 240 |
| 138 | Hydrological Impact of Heinrich Events in the Subtropical Northeast Atlantic. Science, 2000, 289, 1321-1324. | 12.6 | 539 |
| 139 | Variations of oxygen-minimum and primary productivity recorded in sediments of the Arabian Sea. Earth and Planetary Science Letters, 1999, 173, 205-221. | 4.4 | 123 |
| 140 | TROPICAL SEA-SURFACE TEMPERATURES DURING THE LAST GLACIAL PERIOD: A VIEW BASED ON ALKENONES IN INDIAN OCEAN SEDIMENTS. Quaternary Science Reviews, 1998, 17, 1185-1201. | 3.0 | 163 |
| 141 | Geochemical and geophysical implications of the radiocarbon calibration. Geochimica Et Cosmochimica Acta, 1998, 62, 2025-2038. | 3.9 | 249 |
| 142 | Radiocarbon Calibration by Means of Mass Spectrometric <sup>230</sup>Th/<sup>234</sup>U and <sup>14</sup>C Ages of Corals: An Updated Database Including Samples from Barbados, Mururoa and Tahiti. Radiocarbon, 1998, 40, 1085-1092. | 1.8 | 354 |
| 143 | INTCAL98 Radiocarbon Age Calibration, 24,000â€“0 cal BP. Radiocarbon, 1998, 40, 1041-1083. | 1.8 | 4,095 |
| 144 | Continuous record of reef growth over the past 14 k.y. on the mid-Pacific island of Tahiti. Geology, 1997, 25, 555. | 4.4 | 121 |

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|---|---|---|---|
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