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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.

90
papers

1,775
citations

27
h-index

38
g-index

113
ext. papers

2,205
ext. citations

3.9
avg, IF

4.75
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 90 | Distribution of major elements in Atlantic surface sediments (36°N–9°S): Imprint of terrigenous input and continental weathering. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13, n/a-n/a | 3.6 | 137 |
| 89 | North Atlantic Deep Water Production during the Last Glacial Maximum. <i>Nature Communications</i> , 2016 , 7, 11765 | 17.4 | 92 |
| 88 | Synchronous and proportional deglacial changes in Atlantic meridional overturning and northeast Brazilian precipitation. <i>Paleoceanography</i> , 2017 , 32, 622-633 | | 70 |
| 87 | Timing and structure of Mega-SACZ events during Heinrich Stadial 1. <i>Geophysical Research Letters</i> , 2015 , 42, 5477 | 4.9 | 70 |
| 86 | A mid-Holocene climate reconstruction for eastern South America. <i>Climate of the Past</i> , 2013 , 9, 2117-2133 | 3.9 | 62 |
| 85 | Possible impact of the Atlantic Multidecadal Oscillation on the South American summer monsoon. <i>Geophysical Research Letters</i> , 2009 , 36, | 4.9 | 61 |
| 84 | Sediment dynamics and geohazards off Uruguay and the de la Plata River region (northern Argentina and Uruguay). <i>Geo-Marine Letters</i> , 2011 , 31, 271-283 | 1.9 | 59 |
| 83 | Terrigenous input off northern South America driven by changes in Amazonian climate and the North Brazil Current retroflexion during the last 250 ka. <i>Climate of the Past</i> , 2014 , 10, 843-862 | 3.9 | 52 |
| 82 | Mg/Ca of <i>Globorotalia inflata</i> as a recorder of permanent thermocline temperatures in the South Atlantic. <i>Paleoceanography</i> , 2011 , 26, n/a-n/a | | 52 |
| 81 | Origin of increased terrigenous supply to the NE South American continental margin during Heinrich Stadial 1 and the Younger Dryas. <i>Earth and Planetary Science Letters</i> , 2015 , 432, 493-500 | 5.3 | 48 |
| 80 | Signature of the Brazil-Malvinas Confluence (Argentine Basin) in the isotopic composition of planktonic foraminifera from surface sediments. <i>Marine Micropaleontology</i> , 2007 , 64, 52-66 | 1.7 | 48 |
| 79 | Variability of the Brazil Current during the late Holocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014 , 415, 28-36 | 2.9 | 37 |
| 78 | Interaction of the South American Monsoon System and the Southern Westerly Wind Belt during the last 14kyr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013 , 374, 28-40 | 2.9 | 36 |
| 77 | Prolonged warming of the Brazil Current precedes deglaciations. <i>Earth and Planetary Science Letters</i> , 2017 , 463, 1-12 | 5.3 | 34 |
| 76 | Response of the Amazon rainforest to late Pleistocene climate variability. <i>Earth and Planetary Science Letters</i> , 2017 , 479, 50-59 | 5.3 | 34 |
| 75 | Holocene shifts of the southern westerlies across the South Atlantic. <i>Paleoceanography</i> , 2015 , 30, 39-51 | | 34 |
| 74 | The high-supply, current-dominated continental margin of southeastern South America during the late Quaternary. <i>Quaternary Research</i> , 2014 , 81, 339-354 | 1.9 | 33 |

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|----|---|-----|----|
| 73 | Mid-Holocene PMIP3/CMIP5 model results: Intercomparison for the South American Monsoon System. <i>Holocene</i> , 2013 , 23, 1915-1920 | 2.6 | 33 |
| 72 | Chronology of Terra Firme formation in Amazonian lowlands reveals a dynamic Quaternary landscape. <i>Quaternary Science Reviews</i> , 2019 , 210, 154-163 | 3.9 | 32 |
| 71 | Luminescence of quartz and feldspar fingerprints provenance and correlates with the source area denudation in the Amazon River basin. <i>Earth and Planetary Science Letters</i> , 2018 , 492, 152-162 | 5.3 | 32 |
| 70 | South Atlantic interocean exchange as the trigger for the Blling warm event. <i>Geology</i> , 2008 , 36, 919 | 5 | 32 |
| 69 | Different precipitation patterns across tropical South America during Heinrich and Dansgaard-Oeschger stadials. <i>Quaternary Science Reviews</i> , 2017 , 177, 1-9 | 3.9 | 31 |
| 68 | Thermal evolution of the western South Atlantic and the adjacent continent during Termination 1. <i>Climate of the Past</i> , 2015 , 11, 915-929 | 3.9 | 31 |
| 67 | A submarine canyon as a climate archive ¶Interaction of the Antarctic Intermediate Water with the Mar del Plata Canyon (Southwest Atlantic). <i>Marine Geology</i> , 2013 , 341, 46-57 | 3.3 | 31 |
| 66 | Long-term vegetation, climate and ocean dynamics inferred from a 73,500 years old marine sediment core (GeoB2107-3) off southern Brazil. <i>Quaternary Science Reviews</i> , 2017 , 172, 55-71 | 3.9 | 30 |
| 65 | Origin, transport and deposition of leaf-wax biomarkers in the Amazon Basin and the adjacent Atlantic. <i>Geochimica Et Cosmochimica Acta</i> , 2016 , 192, 149-165 | 5.5 | 29 |
| 64 | Depositional provinces, dispersal, and origin of terrigenous sediments along the SE South American continental margin. <i>Marine Geology</i> , 2015 , 363, 261-272 | 3.3 | 28 |
| 63 | Millennial- to Orbital-Scale Responses of Western Equatorial Atlantic Thermocline Depth to Changes in the Trade Wind System Since the Last Interglacial. <i>Paleoceanography and Paleoclimatology</i> , 2018 , 33, 1490-1507 | 3.3 | 26 |
| 62 | Abrupt changes in high-latitude nutrient supply to the Atlantic during the last glacial cycle. <i>Geology</i> , 2012 , 40, 123-126 | 5 | 24 |
| 61 | Antarctic intermediate water circulation in the South Atlantic over the past 25,000 years. <i>Paleoceanography</i> , 2016 , 31, 1302-1314 | | 22 |
| 60 | Tracing shifts of oceanic fronts using the cryptic diversity of the planktonic foraminifera <i>Globorotalia inflata</i> . <i>Paleoceanography</i> , 2016 , 31, 1193-1205 | | 18 |
| 59 | Holocene shifts of the Subtropical Shelf Front off southeastern South America controlled by high and low latitude atmospheric forcings. <i>Paleoceanography</i> , 2013 , 28, 481-490 | | 18 |
| 58 | Variability in mid-depth ventilation of the western Atlantic Ocean during the last deglaciation. <i>Paleoceanography</i> , 2017 , 32, 948-965 | | 18 |
| 57 | Methane release from the southern Brazilian margin during the last glacial. <i>Scientific Reports</i> , 2018 , 8, 5948 | 4.9 | 17 |
| 56 | Increased Amazon freshwater discharge during late Heinrich Stadial 1. <i>Quaternary Science Reviews</i> , 2018 , 181, 144-155 | 3.9 | 17 |

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|----|---|-----|----|
| 55 | Intermittent development of forest corridors in northeastern Brazil during the last deglaciation: Climatic and ecologic evidence. <i>Quaternary Science Reviews</i> , 2018 , 192, 86-96 | 3.9 | 17 |
| 54 | Coupling of equatorial Atlantic surface stratification to glacial shifts in the tropical rainbelt. <i>Scientific Reports</i> , 2017 , 7, 1561 | 4.9 | 17 |
| 53 | Late Quaternary environmental dynamics inferred from marine sediment core GeoB6211-2 off southern Brazil. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018 , 496, 48-61 | 2.9 | 16 |
| 52 | Holocene provenance shift of suspended particulate matter in the Amazon River basin. <i>Quaternary Science Reviews</i> , 2018 , 190, 66-80 | 3.9 | 14 |
| 51 | A new mechanism for millennial scale positive precipitation anomalies over tropical South America. <i>Quaternary Science Reviews</i> , 2019 , 225, 105990 | 3.9 | 14 |
| 50 | The Fate of Carbon in Sediments of the Xingu and Tapaj  Clearwater Rivers, Eastern Amazon. <i>Frontiers in Marine Science</i> , 2017 , 4, | 4.5 | 13 |
| 49 | Similar mid-depth Atlantic water mass provenance during the Last Glacial Maximum and Heinrich Stadial 1. <i>Earth and Planetary Science Letters</i> , 2018 , 490, 51-61 | 5.3 | 12 |
| 48 | Testing the D / H ratio of alkenones and palmitic acid as salinity proxies in the Amazon Plume. <i>Biogeosciences</i> , 2015 , 12, 7239-7249 | 4.6 | 12 |
| 47 | How different proxies record precipitation variability over southeastern South America. <i>IOP Conference Series: Earth and Environmental Science</i> , 2010 , 9, 012007 | 0.3 | 12 |
| 46 | Holocene changes in Antarctic Intermediate Water flow strength in the Southwest Atlantic. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016 , 463, 60-67 | 2.9 | 12 |
| 45 | Origin and processing of terrestrial organic carbon in the Amazon system: lignin phenols in river, shelf, and fan sediments. <i>Biogeosciences</i> , 2017 , 14, 2495-2512 | 4.6 | 11 |
| 44 | Equatorial Pacific forcing of western Amazonian precipitation during Heinrich Stadial 1. <i>Scientific Reports</i> , 2016 , 6, 35866 | 4.9 | 11 |
| 43 | Spatiotemporal Variations of Riverine Discharge Within the Amazon Basin During the Late Holocene Coincide With Extratropical Temperature Anomalies. <i>Geophysical Research Letters</i> , 2019 , 46, 9013-9022 | 4.9 | 11 |
| 42 | The role of abrupt climate change in the formation of an open vegetation enclave in northern Amazonia during the late Quaternary. <i>Global and Planetary Change</i> , 2019 , 172, 140-149 | 4.2 | 11 |
| 41 | Understanding the mechanisms behind high glacial productivity in the southern Brazilian margin. <i>Climate of the Past</i> , 2019 , 15, 943-955 | 3.9 | 10 |
| 40 | Modern and late Pleistocene particulate organic carbon transport by the Amazon River: Insights from long-chain alkyl diols. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 262, 1-19 | 5.5 | 10 |
| 39 | Forcing of western tropical South Atlantic sea surface temperature across three glacial-interglacial cycles. <i>Global and Planetary Change</i> , 2020 , 188, 103150 | 4.2 | 8 |
| 38 | Sedimentary and rock magnetic signatures and event scenarios of deglacial outburst floods from the Laurentian Channel Ice Stream. <i>Quaternary Science Reviews</i> , 2018 , 186, 27-46 | 3.9 | 8 |

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|----|--|--------|
| 37 | Sea-surface temperature reconstruction of the Quaternary western South Atlantic: New planktonic foraminiferal correlation function. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015 , 425, 67-75 ²⁻⁹ | 7 |
| 36 | Dissolved silicon isotope dynamics in large river estuaries. <i>Geochimica Et Cosmochimica Acta</i> , 2020 , 273, 367-382 | 5.5 7 |
| 35 | Thermoluminescence and Optically Stimulated Luminescence Measured in Marine Sediments Indicate Precipitation Changes Over Northeastern Brazil. <i>Paleoceanography and Paleoclimatology</i> , 2019 , 34, 1476-1486 | 3.3 7 |
| 34 | Trans-Amazon Drilling Project (TADP): origins and evolution of the forests, climate, and hydrology of the South American tropics. <i>Scientific Drilling</i> , 20 , 41-49 | 7 |
| 33 | Mid- to Late Holocene Contraction of the Intertropical Convergence Zone Over Northeastern South America. <i>Paleoceanography and Paleoclimatology</i> , 2021 , 36, e2020PA003936 | 3.3 7 |
| 32 | $\delta^{13}C$ decreases in the upper western South Atlantic during Heinrich Stadials 3 and 2. <i>Climate of the Past</i> , 2017 , 13, 345-358 | 3.9 6 |
| 31 | Tracking Spread of the Agulhas Leakage Into the Western South Atlantic and Its Northward Transmission During the Last Interglacial. <i>Paleoceanography and Paleoclimatology</i> , 2019 , 34, 1744-1760 | 3.3 6 |
| 30 | Brazilian montane rainforest expansion induced by Heinrich Stadial 1 event. <i>Scientific Reports</i> , 2019 , 9, 17912 | 4.9 6 |
| 29 | Thermal response of the western tropical Atlantic to slowdown of the Atlantic Meridional Overturning Circulation. <i>Earth and Planetary Science Letters</i> , 2019 , 519, 120-129 | 5.3 5 |
| 28 | The Impact of the AMOC Resumption in the Western South Atlantic Thermocline at the Onset of the Last Interglacial. <i>Geophysical Research Letters</i> , 2017 , 44, 11,547-11,554 | 4.9 5 |
| 27 | Mid-Holocene climate reconstruction for eastern South America 2012 , | 5 |
| 26 | Insolation and Greenhouse Gas Forcing of the South American Monsoon System Across Three Glacial-Interglacial Cycles. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL087948 | 4.9 5 |
| 25 | Constraining Millennial-Scale Changes in Northern Component Water Ventilation in the Western Tropical South Atlantic. <i>Paleoceanography and Paleoclimatology</i> , 2020 , 35, e2020PA003876 | 3.3 4 |
| 24 | Terrigenous input off northern South America driven by changes in Amazonian climate and the North Brazil Current retroflexion during the last 250 ka | 4 |
| 23 | Modern pollen signatures of Amazonian rivers and new insights for environmental reconstructions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 554, 109802 | 2.9 4 |
| 22 | South Brazilian Bight mid- to late Holocene hydrographic fluctuations. <i>Geo-Marine Letters</i> , 2020 , 40, 1045-1054 | 4.0554 |
| 21 | Development and characterization of a new in-house reference material for stable carbon and oxygen isotopes analyses. <i>Journal of Analytical Atomic Spectrometry</i> , 2021 , 36, 1125-1134 | 3.7 4 |
| 20 | Asymmetric response of the subtropical western South Atlantic thermocline to the Dansgaard-Oeschger events of Marine Isotope Stages 5 and 3. <i>Quaternary Science Reviews</i> , 2020 , 237, 106307 | 3.9 3 |

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| 19 | Optically Stimulated Luminescence Sensitivity of Quartz for Provenance Analysis. <i>Methods and Protocols</i> , 2020 , 3, | 2.5 | 3 |
| 18 | Shifts of the Brazil-Falklands/Malvinas Confluence in the western South Atlantic during the latest Pleistocene-Holocene inferred from dinoflagellate cysts. <i>Palynology</i> , 2019 , 43, 483-493 | 1.5 | 3 |
| 17 | Deglacial changes in the strength of deep southern component water and sediment supply at the Argentine continental margin. <i>Paleoceanography</i> , 2017 , 32, 796-812 | | 3 |
| 16 | Ocean-atmosphere interactions over the western South Atlantic during Heinrich stadials. <i>Global and Planetary Change</i> , 2020 , 195, 103352 | 4.2 | 3 |
| 15 | Changes in surface hydrography at the western tropical Atlantic during the Younger Dryas. <i>Global and Planetary Change</i> , 2020 , 184, 103047 | 4.2 | 3 |
| 14 | A Multi-Proxy Approach to Unravel Late Pleistocene Sediment Flux and Bottom Water Conditions in the Western South Atlantic Ocean. <i>Paleoceanography and Paleoclimatology</i> , 2021 , 36, e2020PA004058 ^{3.3} | | 2 |
| 13 | Morphotype and Crust Effects on the Geochemistry of <i>Globorotalia inflata</i> . <i>Paleoceanography and Paleoclimatology</i> , 2021 , 36, e2021PA004224 | 3.3 | 2 |
| 12 | Role of the Tropical Atlantic for the Interhemispheric Heat Transport During the Last Deglaciation. <i>Paleoceanography and Paleoclimatology</i> , 2021 , 36, e2020PA004107 | 3.3 | 2 |
| 11 | Late Holocene Precipitation Fluctuations in South America Triggered by Variability of the North Atlantic Overturning Circulation. <i>Paleoceanography and Paleoclimatology</i> , 2021 , 36, e2021PA004223 | 3.3 | 2 |
| 10 | Negligible Quantities of Particulate Low-Temperature Pyrogenic Carbon Reach the Atlantic Ocean via the Amazon River. <i>Global Biogeochemical Cycles</i> , 2021 , 35, e2021GB006990 | 5.9 | 2 |
| 9 | Changes in obliquity drive tree cover shifts in eastern tropical South America. <i>Quaternary Science Reviews</i> , 2022 , 279, 107402 | 3.9 | 1 |
| 8 | Thermal evolution of the western South Atlantic and the adjacent continent during Termination 1 | | 1 |
| 7 | The response of a dune succession from Lençóis Maranhenses, NE Brazil, to climate changes between MIS 3 and MIS 2. <i>Quaternary International</i> , 2020 , 537, 97-111 | 2 | 1 |
| 6 | Modern isotopic signatures of Plata River sediments and changes in sediment supply to the western subtropical South Atlantic during the last 30 kyr. <i>Quaternary Science Reviews</i> , 2021 , 259, 106910 ^{3.9} | | 1 |
| 5 | Biochronostratigraphy of the western equatorial Atlantic for the last 1.93 Ma. <i>Quaternary International</i> , 2021 , 598, 24-37 | 2 | 1 |
| 4 | Meridional changes in the South Atlantic Subtropical Gyre during Heinrich Stadials. <i>Scientific Reports</i> , 2021 , 11, 9419 | 4.9 | 0 |
| 3 | A data-model perspective on the Brazilian margin surface warming from the Last Glacial Maximum to the Holocene. <i>Quaternary Science Reviews</i> , 2022 , 286, 107557 | 3.9 | 0 |
| 2 | Coupled changes in western South Atlantic carbon sequestration and particle reactive element cycling during millennial-scale Holocene climate variability.. <i>Scientific Reports</i> , 2021 , 11, 24378 | 4.9 | |

- 1 Identification of western South Atlantic stocks of the Lane snapper (*Lutjanus synagris*) from an otolith based multi-proxy approach. *Fisheries Research*, **2022**, 253, 106356 2.3