

Kita Macario

List of Publications by Year in descending order

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117
papers

1,629
citations

394421

19
h-index

377865

34
g-index

123
all docs

123
docs citations

123
times ranked

1357
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of natural radioactivity in Brazilian beach sands. <i>Radiation Measurements</i> , 2006, 41, 189-196.	1.4	232
2	The Worldwide Marine Radiocarbon Reservoir Effect: Definitions, Mechanisms, and Prospects. <i>Reviews of Geophysics</i> , 2018, 56, 278-305.	23.0	94
3	Application of radiometric analysis in the study of provenance and transport processes of Brazilian coastal sediments. <i>Journal of Environmental Radioactivity</i> , 2011, 102, 185-192.	1.7	55
4	Radiocarbon reservoir corrections on the Brazilian coast from pre-bomb marine shells. <i>Quaternary Geochronology</i> , 2015, 29, 30-35.	1.4	55
5	Landscape evolution during the late Quaternary at the Doce River mouth, Espírito Santo State, Southeastern Brazil. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 415, 48-58.	2.3	48
6	The Path towards Endangered Species: Prehistoric Fisheries in Southeastern Brazil. <i>PLoS ONE</i> , 2016, 11, e0154476.	2.5	46
7	The Antiquity of the Prehistoric Settlement of the Central-South Brazilian Coast. <i>Radiocarbon</i> , 2002, 44, 733-738.	1.8	37
8	Radiometric analysis of Quaternary deposits from the southeastern Brazilian coast. <i>Marine Geology</i> , 2006, 229, 29-43.	2.1	37
9	Mangrove vegetation changes on Holocene terraces of the Doce River, southeastern Brazil. <i>Catena</i> , 2013, 110, 59-69.	5.0	36
10	The Brazilian AMS Radiocarbon Laboratory (LAC-UFF) and the Intercomparison of Results with CENA and UGAMS. <i>Radiocarbon</i> , 2013, 55, 325-330.	1.8	36
11	Palynofacies and stable C and N isotopes of Holocene sediments from Lake Macuco (Linhares, Espírito Santo) Tj ETQq1 1 0.784314 rgBT /Over <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 415, 69-82.	2.3	31
12	Marine reservoir effect on the Southeastern coast of Brazil: results from the Tarioba shellmound paired samples. <i>Journal of Environmental Radioactivity</i> , 2015, 143, 14-19.	1.7	31
13	Advances in the graphitization protocol at the Radiocarbon Laboratory of the Universidade Federal Fluminense (LAC-UFF) in Brazil. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 402-405.	1.4	27
14	Potential Use of Archaeological Snail Shells for the Calculation of Local Marine Reservoir Effect. <i>Radiocarbon</i> , 2015, 57, 459-467.	1.8	25
15	Understanding Holocene variations in the vegetation of Sao Joao River basin, southeastern coast of Brazil, using phytolith and carbon isotopic analyses. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 415, 59-68.	2.3	23
16	The Impacts of the Middle Holocene High Sea-Level Stand and Climatic Changes on Mangroves of the Jucuruçu River, Southern Bahia – Northeastern Brazil. <i>Radiocarbon</i> , 2017, 59, 215-230.	1.8	23
17	Relative sea-level change and climate change in the Northeastern Adriatic during the last 1.5 ka (Istria,) Tj ETQq1 1 0.784314 rgBT /Over <i>Journal of Environmental Radioactivity</i> , 2015, 143, 14-19.	3.0	23
18	Archaeological Earthen Mound Complex in Patos Lagoon, Southern Brazil: Chronological Model and Freshwater Influence. <i>Radiocarbon</i> , 2017, 59, 195-214.	1.8	22

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19	Chronological Model of a Brazilian Holocene Shellmound (Sambaqui da Tarioba, Rio de Janeiro,) Tj ETQq1 1 0.784314 rgBT / Overlock 10	1.8	21
20	Late-Holocene subtropical mangrove dynamics in response to climate change during the last millennium. <i>Holocene</i> , 2019, 29, 445-456.	1.7	21
21	Marine Reservoir Corrections on the Southeastern Coast of Brazil: Paired Samples from the Saquarema Shellmound. <i>Radiocarbon</i> , 2015, 57, 517-525.	1.8	20
22	Impacts of Holocene and modern sea-level changes on estuarine mangroves from northeastern Brazil. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 375-392.	2.5	20
23	A new age to an old site: the earliest Tupiguarani settlement in Rio de Janeiro State?. <i>Anais Da Academia Brasileira De Ciencias</i> , 2008, 80, 763-770.	0.8	19
24	The Usiminas shellmound on the Cabo Frio Island: Marine reservoir effect in an upwelling region on the coast of Brazil. <i>Quaternary Geochronology</i> , 2016, 35, 36-42.	1.4	19
25	AMS dating of early shellmounds of the southeastern Brazilian coast. <i>Brazilian Journal of Physics</i> , 2003, 33, 276-279.	1.4	18
26	Geological provenance of Quaternary deposits from the southeastern Brazilian coast. <i>Nuclear Physics A</i> , 2007, 787, 642-647.	1.5	18
27	Millennial to secular time-scale impacts of climate and sea-level changes on mangroves from the Doce River delta, Southeastern Brazil. <i>Holocene</i> , 2016, 26, 1733-1749.	1.7	18
28	Paleobiogeoclimatic scenarios of the Late Quaternary inferred from fluvial deposits of the QuadrilÁtero FerrÁfero (Southeastern Brazil). <i>Journal of South American Earth Sciences</i> , 2016, 67, 71-88.	1.4	17
29	Fish bone diagenesis in southeastern Brazilian shell mounds and its importance for paleoenvironmental studies. <i>Quaternary International</i> , 2016, 391, 18-25.	1.5	17
30	HOLOCENE PALEO-SEA LEVEL IN SOUTHEASTERN BRAZIL: AN APPROACH BASED ON VERMETIDS SHELLS. <i>Journal of Sedimentary Environments</i> , 2017, 2, .	1.5	17
31	Accounting for the marine reservoir effect in radiocarbon calibration. <i>Quaternary Science Reviews</i> , 2019, 209, 129-138.	3.0	17
32	Correlations between radiometric analysis of Quaternary deposits and the chronology of prehistoric settlements from the southeastern Brazilian coast. <i>Journal of Environmental Radioactivity</i> , 2010, 101, 75-81.	1.7	16
33	The Long-Term Tupiguarani Occupation in Southeastern Brazil. <i>Radiocarbon</i> , 2009, 51, 937-946.	1.8	15
34	Biogenic fraction in the synthesis of polyethylene terephthalate. <i>International Journal of Mass Spectrometry</i> , 2015, 388, 65-68.	1.5	15
35	The use of the terrestrial snails of the genera <i>Megalobulimus</i> and <i>Thaumastus</i> as representatives of the atmospheric carbon reservoir. <i>Scientific Reports</i> , 2016, 6, 27395.	3.3	15
36	The earliest shellmounds of the central-south Brazilian coast. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2004, 223-224, 691-694.	1.4	14

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37	Radiocesium contamination behavior and its effect on potassium absorption in tropical or subtropical plants. <i>Journal of Environmental Radioactivity</i> , 2006, 86, 241-250.	1.7	14
38	Charcoal chronology of the Amazon forest: A record of biodiversity preserved by ancient fires. <i>Quaternary Geochronology</i> , 2017, 41, 180-186.	1.4	14
39	The Marine Reservoir Effect on the Coast of Rio de Janeiro: Deriving ΔR Values from Fish Otoliths and Mollusk Shells. <i>Radiocarbon</i> , 2018, 60, 1151-1168.	1.8	14
40	Late Holocene palaeotemperatures and palaeoenvironments in the Southeastern Brazilian coast inferred from otolith geochemistry. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 503, 40-50.	2.3	14
41	Palaeohydrological controls on sedimentary organic matter in an Amazon floodplain lake, Lake Marac (Brazil) during the late Holocene. <i>Holocene</i> , 2013, 23, 1903-1914.	1.7	12
42	Radiocarbon measurements at LAC-UFF: Recent performance. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 341-345.	1.4	12
43	Late Holocene mangrove dynamics dominated by autogenic processes. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 2013-2023.	2.5	12
44	Towards a complete ^{14}C AMS facility at the Universidade Federal Fluminense (Niter, Brazil): Sample preparation laboratory tests. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 294, 173-175.	1.4	11
45	Characterisation of phytoliths from the stratigraphic layers of the Sambaqui da Tarioba (Rio das Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	11
46	Stromatolite Growth in Lagoa Vermelha, Southeastern Coast of Brazil: Evidence of Environmental Changes. <i>Radiocarbon</i> , 2018, 60, 383-393.	1.8	11
47	Temporal evolution of ^{137}Cs , K^+ and Na^+ in fruits of South American tropical species. <i>Science of the Total Environment</i> , 2013, 444, 115-120.	8.0	10
48	Evidence of strong storm events possibly related to the little Ice Age in sediments on the southern coast of Brazil. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 415, 233-239.	2.3	10
49	Assessment of the regional fossil fuel CO_2 distribution through $\delta^{13}\text{C}$ patterns in ip leaves: The case of Rio de Janeiro state, Brazil. <i>City and Environment Interactions</i> , 2019, 1, 100001.	4.2	10
50	Impacts of sea-level changes on mangroves from southeastern Brazil during the Holocene and Anthropocene using a multi-proxy approach. <i>Geomorphology</i> , 2021, 390, 107860.	2.6	10
51	Paleovegetation and paleoclimate dynamics during the last 7000 years in the Atlantic forest of Southeastern Brazil based on palynology of a waterlogged sandy soil. <i>Review of Palaeobotany and Palynology</i> , 2019, 264, 1-10.	1.5	9
52	Na, K, Ca, Mg, and U-series in fossil bone and the proposal of a radial diffusion-adsorption model of uranium uptake. <i>Journal of Environmental Radioactivity</i> , 2014, 136, 131-139.	1.7	8
53	Chronological Model of a Brazilian Holocene Shellmound (Sambaqui da Tarioba, Rio de Janeiro,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	8
54	Optimization of the Amount of Zinc in the Graphitization Reaction for Radiocarbon AMS Measurements at LAC-UFF. <i>Radiocarbon</i> , 2017, 59, 885-891.	1.8	8

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55	Radiocarbon Marine Reservoir Effect on the Northwestern Coast of Cuba. <i>Radiocarbon</i> , 2017, 59, 333-341.	1.8	8
56	Cold and humid Atlantic Rainforest during the last glacial maximum, northern Espírito Santo state, southeastern Brazil. <i>Quaternary Science Reviews</i> , 2020, 244, 106489.	3.0	8
57	Nineteenth-century expeditions and the radiocarbon marine reservoir effect on the Brazilian coast. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 297, 276-287.	3.9	8
58	Food and diet of the pre-Columbian mound builders of the Patos Lagoon region in southern Brazil with stable isotope analysis. <i>Journal of Archaeological Science</i> , 2021, 133, 105439.	2.4	8
59	Accumulation of ^{137}Cs and ^{40}K in aboveground organs of tropical woody fruit plants. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009, 281, 7-10.	1.5	7
60	Terrestrial Mollusks as Chronological Records in Brazilian Shellmounds. <i>Radiocarbon</i> , 2017, 59, 1561-1577.	1.8	7
61	Landscape paleodynamics in siliciclastic domains with the use of phytoliths, sponge spicules and carbon isotopes: The case of southern Espinhaço Mountain Range, Minas Gerais, Brazil. <i>Journal of South American Earth Sciences</i> , 2019, 95, 102232.	1.4	7
62	Aragonite Fraction Dating of Vermetids in the Context of Paleo Sea-Level Curves Reconstruction. <i>Radiocarbon</i> , 2020, 62, 335-348.	1.8	7
63	Intermittent occupation of the sambaqui builder settlements in Rio de Janeiro State, Brazil. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2004, 223-224, 695-699.	1.4	6
64	Natural sources of radiation exposure and the teaching of radioecology. <i>Physics Education</i> , 2008, 43, 423-428.	0.5	6
65	Radiocarbon analysis of the Torah scrolls from the National Museum of Brazil collection. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 531-534.	1.4	6
66	Coupling fallout ^{210}Pb and stable isotopes (^{13}C , ^{15}N) for catchment urbanization reconstruction in southeastern coastal zone of Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 1021-1032.	1.5	6
67	An 11,000-year record of depositional environmental change based upon particulate organic matter and stable isotopes (C and N) in a lake sediment in southeastern Brazil. <i>Journal of South American Earth Sciences</i> , 2018, 84, 373-384.	1.4	6
68	Annually Verified Growth of <i>Cedrela Fissilis</i> from Central Brazil. <i>Radiocarbon</i> , 2019, 61, 927-937.	1.8	6
69	Monitoring the biogenic fraction of sugarcane-based plastic bags. <i>Journal of Cleaner Production</i> , 2019, 233, 348-352.	9.3	6
70	Forest Fire History in Amazonia Inferred From Intensive Soil Charcoal Sampling and Radiocarbon Dating. <i>Frontiers in Forests and Global Change</i> , 2022, 5, .	2.3	6
71	Current status of the Brazilian AMS program. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2000, 172, 82-86.	1.4	5
72	Accumulation and long-term decline of radiocaesium contamination in tropical fruit trees. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 580, 625-628.	1.6	5

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73	New software for AMS data analysis developed at IF-UFF Brazil. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 526-530.	1.4	5
74	Graphitization reaction via zinc reduction: How low can you go?. International Journal of Mass Spectrometry, 2016, 410, 47-51.	1.5	5
75	Zooarchaeological evidence that the brown mussel (<i>Perna perna</i>) is a bioinvader of coastal Brazil. Holocene, 2018, 28, 1771-1780.	1.7	5
76	The use of carbon isotopes (¹³ C, ¹⁴ C) in different soil types and vegetation coverage in a montane atlantic forest region, Southeast Brazil. Quaternary Geochronology, 2021, 61, 101133.	1.4	5
77	Os primeiros povoadores do litoral norte do Espírito Santo: uma nova abordagem na arqueologia de sambaquis capixabas. Boletim do Museu Paraense Emílio Goeldi: Ciências Humanas, 2018, 13, 573-596.	0.1	5
78	Paleovegetação da Ilha Grande (Rio de Janeiro) no Holoceno através do estudo de fitólitos e isótopos do carbono. Revista Brasileira De Geografia Física, 2018, 11, 456-476.	0.1	5
79	Fractionation in the graphitization reaction for ¹⁴ C-AMS analysis: The role of Zn — the role of TiH ₂ . International Journal of Mass Spectrometry, 2017, 423, 39-45.	1.5	4
80	NORTHEAST GUANABARA BAY AND COASTAL PLAIN HOLOCENE SEDIMENTARY EVOLUTION (BRAZIL): A CONTRIBUTION. Journal of Sedimentary Environments, 2017, 2, .	1.5	4
81	Efeito de reservatório marinho na costa do Brasil. Quaternary and Environmental Geosciences, 2018, 9, .	0.1	4
82	Palaeoenvironmental dynamics of Holocene shoreface bryoliths from the southern coast of Brazil. Holocene, 2019, 29, 662-675.	1.7	4
83	Sedimentary facies and Holocene depositional evolution of the Maricá lagoon, Rio de Janeiro, Brazil. Journal of South American Earth Sciences, 2021, 111, 103438.	1.4	4
84	MARINE BIOGENIC CARBONATES AND RADIOCARBON — A RETROSPECTIVE ON SHELLS AND CORALS WITH AN OUTLOOK ON CHALLENGES AND OPPORTUNITIES. Radiocarbon, 2022, 64, 689-704.	1.8	4
85	AMS radiocarbon dating on Campos Basin, Southeast Brazilian Continental Slope. Nuclear Instruments & Methods in Physics Research B, 2004, 223-224, 535-539.	1.4	3
86	Radiometric Analyses of Beach Sands from the Southeast of Brazil. AIP Conference Proceedings, 2007, , .	0.4	3
87	Otolith-Based Chronology of Brazilian Shellmounds. Radiocarbon, 2019, 61, 415-433.	1.8	3
88	Assessing the dead carbon proportion of a modern speleothem from central Brazil. Quaternary Geochronology, 2019, 52, 29-36.	1.4	3
89	Origin and Alteration of Organic Matter in Hydrate-Bearing Sediments of the Rio Grande Cone, Brazil: Evidence from Biological, Physical, and Chemical Factors. Radiocarbon, 2020, 62, 197-206.	1.8	3
90	Hydrological influence on the evolution of a subtropical mangrove ecosystem during the late Holocene from Babitonga Bay, Brazil. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 574, 110463.	2.3	3

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91	Accumulation and long-term behavior of radiocaesium in tropical plants. Brazilian Journal of Physics, 2006, 36, 1345-1348.	1.4	3
92	Probability Distributions of Radiocarbon in Open Linear Compartmental Systems at Steady-State. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	3.0	3
93	Evaluation of Sample Preparation Protocols for the ¹⁴ C Dating of Tupiguarani Pottery in Southeastern Brazil. Radiocarbon, 2017, 59, 765-773.	1.8	2
94	Investigating a Rock Art Site in Parana� State, South of Brazil. Radiocarbon, 2017, 59, 1691-1703.	1.8	2
95	Post-caldera evolution of Deception Island (Bransfield Strait, Antarctica) over Holocene timescales. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 501, 58-69.	2.3	2
96	Marine Reservoir Corrections for the Brazilian Northern Coast Using Modern Corals. Radiocarbon, 2019, 61, 587-597.	1.8	2
97	An integrated analysis of palynofacies and diatoms in the Jucuru�su River valley, northeastern Brazil: Holocene paleoenvironmental changes. Journal of South American Earth Sciences, 2020, 103, 102731.	1.4	2
98	HOLOCENE EVOLUTION OF A WAVE-DOMINATED BARRIER-LAGOON SYSTEM IN RIO DE JANEIRO, BRAZIL. Radiocarbon, 2021, 63, 1175-1191.	1.8	2
99	LAC-UFF STATUS REPORT: CURRENT PROTOCOLS AND RECENT DEVELOPMENTS. Radiocarbon, 2021, 63, 1233-1245.	1.8	2
100	ESTABLISHING WATER SAMPLE PROTOCOLS FOR RADIOCARBON ANALYSIS AT LAC-UFF, BRAZIL. Radiocarbon, 2021, 63, 1225-1232.	1.8	2
101	FOSSIL FUEL ENVIRONMENTAL CONTAMINATION: A STRATEGY USING RADIOCARBON, N-ALKANES, AND ALGAE. Radiocarbon, 2021, 63, 1165-1173.	1.8	2
102	BIOINDICATORS OF SEA-LEVEL FLUCTUATIONS IN SOUTHEASTERN BRAZIL: NEW DATA AND METHODOLOGICAL REVIEW. Radiocarbon, 2021, 63, 1149-1163.	1.8	2
103	Reevaluation of dating results for some ¹⁴ C - AMS applications on the basis of the new calibration curves available. Brazilian Journal of Physics, 2008, 38, 138-143.	1.4	2
104	Accumulation of K ⁺ and Cs ⁺ in Tropical Plant Species. , 2010, , .		1
105	The Brazilian AMS Radiocarbon Laboratory (LAC-UFF) and the Intercomparison of Results with CENA and UGAMS. Radiocarbon, 2013, 55, .	1.8	1
106	Mapping of gas charged sediments in Guanabara Bay: Seismic characteristics and sediment properties. , 2015, , .		1
107	Concheros brasile�os desde una perspectiva zooarqueol�gica. Archaeofauna, 2019, 28, 131.	0.4	1
108	AMOURINS SHELLMOUND: UNCOVERING BIODIVERSITY AND CHRONOLOGY THROUGH CHARCOAL ANALYSES. Radiocarbon, 2021, 63, 1085-1102.	1.8	1

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109	PRELIMINARY RADIOCARBON DATING RESULTS OF BONE SAMPLES AT THE LAC-UFF, BRAZIL. Radiocarbon, 2021, 63, 1103-1114.	1.8	1
110	Late Holocene mangrove dynamics of the Doce River delta, southeastern Brazil: Implications for the understanding of mangrove resilience to sea-level changes and channel dynamics. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 600, 111055.	2.3	1
111	Accumulation and distribution of ¹³⁷ Cs in tropical plants. AIP Conference Proceedings, 2007, , .	0.4	0
112	Provenance and Transport Processes of Sediments along the Southeastern Brazilian Coast. AIP Conference Proceedings, 2008, , .	0.4	0
113	A New [¹⁴ C-AMS Facility at UFF- Niteroi, Brazil. , 2010, , .		0
114	USO DO BIOINDICADOR FITÁLITOS NA COMPREENSÃO DA GÊNESE DE SOLOS NA BACIA DO RIO SÃO JOÃO, RIO DE JANEIRO, BRASIL. Revista Tamoios, 2014, 10, .	0.1	0
115	Sedimentary evolution of northeastern Guanabara Bay, RJ, revealed by sismostratigraphic analysis. , 2015, , .		0
116	Fitálitos como indicadores de mudanças ambientais durante o Holoceno na costa norte do estado do Espírito Santo (Brasil). Quaternary and Environmental Geosciences, 2015, 6, .	0.1	0
117	RECONSTITUIÇÃO DAS CONDIÇÕES PALEOAMBIENTAIS RELACIONADAS À OCORRÊNCIA DE LINHAS DE PEDRA EM LATOSSOLO NO MÊDIO VALE DO RIO PARAÍBA DO SUL-RJ. Revista Da ANPEGE, 2019, 15, 29-53.	0.1	0