

# Kita Macario

## List of Publications by Citations

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106  
papers

1,183  
citations

16  
h-index

28  
g-index

123  
ext. papers

1,361  
ext. citations

3.2  
avg, IF

4.13  
L-index

#	Paper	IF	Citations
106	Measurement of natural radioactivity in Brazilian beach sands. <i>Radiation Measurements</i> , <b>2006</b> , 41, 189-196	23.1	181
105	The Worldwide Marine Radiocarbon Reservoir Effect: Definitions, Mechanisms, and Prospects. <i>Reviews of Geophysics</i> , <b>2018</b> , 56, 278-305	23.1	55
104	Radiocarbon reservoir corrections on the Brazilian coast from pre-bomb marine shells. <i>Quaternary Geochronology</i> , <b>2015</b> , 29, 30-35	2.7	44
103	Landscape evolution during the late Quaternary at the Doce River mouth, Espírito Santo State, Southeastern Brazil. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2014</b> , 415, 48-58	2.9	39
102	Application of radiometric analysis in the study of provenance and transport processes of Brazilian coastal sediments. <i>Journal of Environmental Radioactivity</i> , <b>2011</b> , 102, 185-92	2.4	39
101	The Brazilian AMS Radiocarbon Laboratory (LAC-UFF) and the Intercomparison of Results with CENA and UGAMS. <i>Radiocarbon</i> , <b>2013</b> , 55, 325-330	4.6	36
100	Mangrove vegetation changes on Holocene terraces of the Doce River, southeastern Brazil. <i>Catena</i> , <b>2013</b> , 110, 59-69	5.8	32
99	Radiometric analysis of Quaternary deposits from the southeastern Brazilian coast. <i>Marine Geology</i> , <b>2006</b> , 229, 29-43	3.3	31
98	The Path towards Endangered Species: Prehistoric Fisheries in Southeastern Brazil. <i>PLoS ONE</i> , <b>2016</b> , 11, e0154476	3.7	28
97	Marine reservoir effect on the Southeastern coast of Brazil: results from the Tarioba shellmound paired samples. <i>Journal of Environmental Radioactivity</i> , <b>2015</b> , 143, 14-19	2.4	24
96	Advances in the graphitization protocol at the Radiocarbon Laboratory of the Universidade Federal Fluminense (LAC-UFF) in Brazil. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2015</b> , 361, 402-405	1.2	24
95	Palynofacies and stable C and N isotopes of Holocene sediments from Lake Macuco (Linhares, Espírito Santo, southeastern Brazil): Depositional settings and palaeoenvironmental evolution. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2014</b> , 415, 69-82	2.9	24
94	The Antiquity of the Prehistoric Settlement of the Central-South Brazilian Coast. <i>Radiocarbon</i> , <b>2002</b> , 44, 733-738	4.6	24
93	Potential Use of Archaeological Snail Shells for the Calculation of Local Marine Reservoir Effect. <i>Radiocarbon</i> , <b>2015</b> , 57, 459-467	4.6	20
92	The Impacts of the Middle Holocene High Sea-Level Stand and Climatic Changes on Mangroves of the Jucuruí River, Southern Bahia (Northeastern Brazil). <i>Radiocarbon</i> , <b>2017</b> , 59, 215-230	4.6	17
91	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> , <b>2014</b> , 415, 59-68	2.9	17
90	Archaeological Earthen Mound Complex in Patos Lagoon, Southern Brazil: Chronological Model and Freshwater Influence. <i>Radiocarbon</i> , <b>2017</b> , 59, 195-214	4.6	16

89	HOLOCENE PALEO-SEA LEVEL IN SOUTHEASTERN BRAZIL: AN APPROACH BASED ON VERMETIDS SHELLS. <i>Journal of Sedimentary Environments</i> , <b>2017</b> , 2,	1.4	16
88	Relative sea-level change and climate change in the Northeastern Adriatic during the last 1.5 ka (Istria, Croatia). <i>Quaternary Science Reviews</i> , <b>2019</b> , 222, 105909	3.9	15
87	Marine Reservoir Corrections on the Southeastern Coast of Brazil: Paired Samples from the Saquarema Shellmound. <i>Radiocarbon</i> , <b>2015</b> , 57, 517-525	4.6	15
86	Correlations between radiometric analysis of Quaternary deposits and the chronology of prehistoric settlements from the southeastern Brazilian coast. <i>Journal of Environmental Radioactivity</i> , <b>2010</b> , 101, 75-81	2.4	15
85	Millennial to secular time-scale impacts of climate and sea-level changes on mangroves from the Doce River delta, Southeastern Brazil. <i>Holocene</i> , <b>2016</b> , 26, 1733-1749	2.6	15
84	Fish bone diagenesis in southeastern Brazilian shell mounds and its importance for paleoenvironmental studies. <i>Quaternary International</i> , <b>2016</b> , 391, 18-25	2	14
83	Geological provenance of Quaternary deposits from the southeastern Brazilian coast. <i>Nuclear Physics A</i> , <b>2007</b> , 787, 642-647	1.3	14
82	The earliest shellmounds of the central-south Brazilian coast. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2004</b> , 223-224, 691-694	1.2	14
81	Impacts of Holocene and modern sea-level changes on estuarine mangroves from northeastern Brazil. <i>Earth Surface Processes and Landforms</i> , <b>2020</b> , 45, 375-392	3.7	14
80	Late-Holocene subtropical mangrove dynamics in response to climate change during the last millennium. <i>Holocene</i> , <b>2019</b> , 29, 445-456	2.6	14
79	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> , <b>2016</b> , 6, 27395	4.9	13
78	The Usiminas shellmound on the Cabo Frio Island: Marine reservoir effect in an upwelling region on the coast of Brazil. <i>Quaternary Geochronology</i> , <b>2016</b> , 35, 36-42	2.7	13
77	AMS dating of early shellmounds of the southeastern Brazilian coast. <i>Brazilian Journal of Physics</i> , <b>2003</b> , 33, 276-279	1.2	13
76	Biogenic fraction in the synthesis of polyethylene terephthalate. <i>International Journal of Mass Spectrometry</i> , <b>2015</b> , 388, 65-68	1.9	12
75	Radiocarbon measurements at LAC-UFF: Recent performance. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2015</b> , 361, 341-345	1.2	12
74	Chronological Model of a Brazilian Holocene Shellmound (Sambaqui da Tarioba, Rio de Janeiro, Brazil). <i>Radiocarbon</i> , <b>2014</b> , 56, 489-499	4.6	12
73	The Long-Term Tupiguarani Occupation in Southeastern Brazil. <i>Radiocarbon</i> , <b>2009</b> , 51, 937-946	4.6	12
72	Accounting for the marine reservoir effect in radiocarbon calibration. <i>Quaternary Science Reviews</i> , <b>2019</b> , 209, 129-138	3.9	11

71	Late Holocene palaeotemperatures and palaeoenvironments in the Southeastern Brazilian coast inferred from otolith geochemistry. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2018</b> , 503, 40-50	2.9	10
70	Palaeohydrological controls on sedimentary organic matter in an Amazon floodplain lake, Lake Maracá (Brazil) during the late Holocene. <i>Holocene</i> , <b>2013</b> , 23, 1903-1914	2.6	10
69	Towards a complete 14C AMS facility at the Universidade Federal Fluminense (Niterói, Brazil): Sample preparation laboratory tests. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2013</b> , 294, 173-175	1.2	10
68	A new age to an old site: the earliest Tupiguarani settlement in Rio de Janeiro State?. <i>Anais Da Academia Brasileira De Ciências</i> , <b>2008</b> , 80, 763-70	1.4	10
67	Radiocesium contamination behavior and its effect on potassium absorption in tropical or subtropical plants. <i>Journal of Environmental Radioactivity</i> , <b>2006</b> , 86, 241-50	2.4	10
66	Late Holocene mangrove dynamics dominated by autogenic processes. <i>Earth Surface Processes and Landforms</i> , <b>2017</b> , 42, 2013-2023	3.7	9
65	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> , <b>2014</b> , 415, 233-239	2.9	9
64	Radiocarbon Marine Reservoir Effect on the Northwestern Coast of Cuba. <i>Radiocarbon</i> , <b>2017</b> , 59, 333-341	4.6	8
63	Charcoal chronology of the Amazon forest: A record of biodiversity preserved by ancient fires. <i>Quaternary Geochronology</i> , <b>2017</b> , 41, 180-186	2.7	8
62	The Marine Reservoir Effect on the Coast of Rio de Janeiro: Deriving $\Delta R$ Values from Fish Otoliths and Mollusk Shells. <i>Radiocarbon</i> , <b>2018</b> , 60, 1151-1168	4.6	8
61	Paleobiogeoclimatic scenarios of the Late Quaternary inferred from fluvial deposits of the Quadrilheiro Ferrífero (Southeastern Brazil). <i>Journal of South American Earth Sciences</i> , <b>2016</b> , 67, 71-88	2	8
60	Temporal evolution of $Ca^{2+}$ , $K^+$ and $Na^+$ in fruits of South American tropical species. <i>Science of the Total Environment</i> , <b>2013</b> , 444, 115-20	10.2	8
59	Chronological Model of a Brazilian Holocene Shellmound (Sambaqui da Tarioba, Rio de Janeiro, Brazil). <i>Radiocarbon</i> , <b>2014</b> , 56, 489-499	4.6	7
58	Optimization of the Amount of Zinc in the Graphitization Reaction for Radiocarbon AMS Measurements at LAC-UFF. <i>Radiocarbon</i> , <b>2017</b> , 59, 885-891	4.6	6
57	Characterisation of phytoliths from the stratigraphic layers of the Sambaqui da Tarioba (Rio das Ostras, RJ, Brazil). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , <b>2017</b> , 236-237, 1-8	1.9	6
56	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> , <b>2019</b> , 264, 1-10	1.7	6
55	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> , <b>2018</b> , 84, 373-384	2	6
54	Natural sources of radiation exposure and the teaching of radioecology. <i>Physics Education</i> , <b>2008</b> , 43, 423-428	0.8	6

53	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> , <b>2019</b> , 95, 102232	2	5
52	Annually Verified Growth of <i>Cedrela Fissilis</i> from Central Brazil. <i>Radiocarbon</i> , <b>2019</b> , 61, 927-937	4.6	5
51	New software for AMS data analysis developed at IF-UFF Brazil. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2015</b> , 361, 526-530	1.2	5
50	Graphitization reaction via zinc reduction: How low can you go?. <i>International Journal of Mass Spectrometry</i> , <b>2016</b> , 410, 47-51	1.9	5
49	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> , <b>2014</b> , 136, 131-9	2.4	5
48	Accumulation of <sup>137</sup> Cs and <sup>40</sup> K in aboveground organs of tropical woody fruit plants. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2009</b> , 281, 7-10	1.5	5
47	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> , <b>2007</b> , 580, 625-628	1.2	5
46	Intermittent occupation of the sambaqui builder settlements in Rio de Janeiro State, Brazil. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2004</b> , 223-224, 695-699	1.2	5
45	Current status of the Brazilian AMS program. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2000</b> , 172, 82-86	1.2	5
44	Stromatolite Growth in Lagoa Vermelha, Southeastern Coast of Brazil: Evidence of Environmental Changes. <i>Radiocarbon</i> , <b>2018</b> , 60, 383-393	4.6	5
43	Terrestrial Mollusks as Chronological Records in Brazilian Shellmounds. <i>Radiocarbon</i> , <b>2017</b> , 59, 1561-1577	4.6	4
42	Fractionation in the graphitization reaction for <sup>14</sup> C-AMS analysis: The role of Zn and the role of TiH <sub>2</sub> . <i>International Journal of Mass Spectrometry</i> , <b>2017</b> , 423, 39-45	1.9	4
41	Palaeoenvironmental dynamics of Holocene shoreface bryoliths from the southern coast of Brazil. <i>Holocene</i> , <b>2019</b> , 29, 662-675	2.6	4
40	Radiocarbon analysis of the Torah scrolls from the National Museum of Brazil collection. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2015</b> , 361, 531-534	1.2	4
39	Os primeiros povoadores do litoral norte do Espírito Santo: uma nova abordagem na arqueologia de sambaquis capixabas. <i>Boletim do Museu Paraense Emílio Goeldi: Ciências Humanas</i> , <b>2018</b> , 13, 573-596	0.5	4
38	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> , <b>2021</b> , 133, 105439	2.9	4
37	Impacts of sea-level changes on mangroves from southeastern Brazil during the Holocene and Anthropocene using a multi-proxy approach. <i>Geomorphology</i> , <b>2021</b> , 390, 107860	4.3	4
36	Otolith-Based Chronology of Brazilian Shellmounds. <i>Radiocarbon</i> , <b>2019</b> , 61, 415-433	4.6	3

35	NORTHEAST GUANABARA BAY AND COASTAL PLAIN HOLOCENE SEDIMENTARY EVOLUTION (BRAZIL): A CONTRIBUTION. <i>Journal of Sedimentary Environments</i> , <b>2017</b> , 2,	1.4	3
34	Coupling fallout $^{210}\text{Pb}$ and stable isotopes ( $^{13}\text{C}$ , $^{15}\text{N}$ ) for catchment urbanization reconstruction in southeastern coastal zone of Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2016</b> , 310, 1021-1032	1.5	3
33	Assessment of the regional fossil fuel $\text{CO}_2$ distribution through $^{14}\text{C}$ patterns in ipê leaves: The case of Rio de Janeiro state, Brazil. <i>City and Environment Interactions</i> , <b>2019</b> , 1, 100001	3.2	3
32	AMS radiocarbon dating on Campos Basin, Southeast Brazilian Continental Slope. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2004</b> , 223-224, 535-539	1.2	3
31	Accumulation and long-term behavior of radiocaesium in tropical plants. <i>Brazilian Journal of Physics</i> , <b>2006</b> , 36, 1345-1348	1.2	3
30	Aragonite Fraction Dating of Vermetids in the Context of Paleo Sea-Level Curves Reconstruction. <i>Radiocarbon</i> , <b>2020</b> , 62, 335-348	4.6	3
29	Cold and humid Atlantic Rainforest during the last glacial maximum, northern Espírito Santo state, southeastern Brazil. <i>Quaternary Science Reviews</i> , <b>2020</b> , 244, 106489	3.9	3
28	Origin and Alteration of Organic Matter in Hydrate-Bearing Sediments of the Rio Grande Cone, Brazil: Evidence from Biological, Physical, and Chemical Factors. <i>Radiocarbon</i> , <b>2020</b> , 62, 197-206	4.6	3
27	Monitoring the biogenic fraction of sugarcane-based plastic bags. <i>Journal of Cleaner Production</i> , <b>2019</b> , 233, 348-352	10.3	2
26	Marine Reservoir Corrections for the Brazilian Northern Coast Using Modern Corals. <i>Radiocarbon</i> , <b>2019</b> , 61, 587-597	4.6	2
25	Post-caldera evolution of Deception Island (Bransfield Strait, Antarctica) over Holocene timescales. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2018</b> , 501, 58-69	2.9	2
24	Zooarchaeological evidence that the brown mussel ( <i>Perna perna</i> ) is a bioinvader of coastal Brazil. <i>Holocene</i> , <b>2018</b> , 28, 1771-1780	2.6	2
23	Radiometric Analyses of Beach Sands from the Southeast of Brazil. <i>AIP Conference Proceedings</i> , <b>2007</b> ,	0	2
22	Reevaluation of dating results for some $^{14}\text{C}$ - AMS applications on the basis of the new calibration curves available. <i>Brazilian Journal of Physics</i> , <b>2008</b> , 38, 138-143	1.2	2
21	The use of carbon isotopes ( $^{13}\text{C}$ , $^{14}\text{C}$ ) in different soil types and vegetation coverage in a montane atlantic forest region, Southeast Brazil. <i>Quaternary Geochronology</i> , <b>2021</b> , 61, 101133	2.7	2
20	Efeito de reservatório marinho na costa do Brasil. <i>Quaternary and Environmental Geosciences</i> , <b>2018</b> , 9,	0	2
19	Assessing the dead carbon proportion of a modern speleothem from central Brazil. <i>Quaternary Geochronology</i> , <b>2019</b> , 52, 29-36	2.7	1
18	An integrated analysis of palynofacies and diatoms in the Jucuruí River valley, northeastern Brazil: Holocene paleoenvironmental changes. <i>Journal of South American Earth Sciences</i> , <b>2020</b> , 103, 102731	2	1

17	Evaluation of Sample Preparation Protocols for the <sup>14</sup> C Dating of Tupiguarani Pottery in Southeastern Brazil. <i>Radiocarbon</i> , <b>2017</b> , 59, 765-773	4.6	1
16	Investigating a Rock Art Site in Paraná State, South of Brazil. <i>Radiocarbon</i> , <b>2017</b> , 59, 1691-1703	4.6	1
15	<b>2015</b> ,		1
14	The Brazilian AMS Radiocarbon Laboratory (LAC-UFF) and the Intercomparison of Results with CENA and UGAMS. <i>Radiocarbon</i> , <b>2013</b> , 55,	4.6	1
13	PRELIMINARY RADIOCARBON DATING RESULTS OF BONE SAMPLES AT THE LAC-UFF, BRAZIL. <i>Radiocarbon</i> , <b>2021</b> , 63, 1103-1114	4.6	1
12	ESTABLISHING WATER SAMPLE PROTOCOLS FOR RADIOCARBON ANALYSIS AT LAC-UFF, BRAZIL. <i>Radiocarbon</i> , <b>2021</b> , 63, 1225-1232	4.6	1
11	Sedimentary facies and Holocene depositional evolution of the Maricó Lagoon, Rio de Janeiro, Brazil. <i>Journal of South American Earth Sciences</i> , <b>2021</b> , 111, 103438	2	1
10	Concheros brasileiros desde una perspectiva zooarqueológica. <i>Archaeofauna</i> , <b>2019</b> , 28, 131	0.2	1
9	HOLOCENE EVOLUTION OF A WAVE-DOMINATED BARRIER-LAGOON SYSTEM IN RIO DE JANEIRO, BRAZIL. <i>Radiocarbon</i> , <b>2021</b> , 63, 1175-1191	4.6	1
8	LAC-UFF STATUS REPORT: CURRENT PROTOCOLS AND RECENT DEVELOPMENTS. <i>Radiocarbon</i> , <b>2021</b> , 63, 1233-1245	4.6	1
7	Hydrological influence on the evolution of a subtropical mangrove ecosystem during the late Holocene from Babitonga Bay, Brazil. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2021</b> , 574, 110463	2.9	1
6	AMOURINS SHELLMOUND: UNCOVERING BIODIVERSITY AND CHRONOLOGY THROUGH CHARCOAL ANALYSES. <i>Radiocarbon</i> , <b>2021</b> , 63, 1085-1102	4.6	0
5	Nineteenth-century expeditions and the radiocarbon marine reservoir effect on the Brazilian coast. <i>Geochimica Et Cosmochimica Acta</i> , <b>2021</b> , 297, 276-287	5.5	0
4	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. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2022</b> , 111055	2.9	0
3	MARINE BIOGENIC CARBONATES AND RADIOCARBON RETROSPECTIVE ON SHELLS AND CORALS WITH AN OUTLOOK ON CHALLENGES AND OPPORTUNITIES. <i>Radiocarbon</i> , 1-16	4.6	
2	FOSSIL FUEL ENVIRONMENTAL CONTAMINATION: A STRATEGY USING RADIOCARBON, N-ALKANES, AND ALGAE. <i>Radiocarbon</i> , <b>2021</b> , 63, 1165-1173	4.6	
1	BIOINDICATORS OF SEA-LEVEL FLUCTUATIONS IN SOUTHEASTERN BRAZIL: NEW DATA AND METHODOLOGICAL REVIEW. <i>Radiocarbon</i> , <b>2021</b> , 63, 1149-1163	4.6	