

# 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	MARINE BIOGENIC CARBONATES AND RADIOCARBON – A RETROSPECTIVE ON SHELLS AND CORALS WITH AN OUTLOOK ON CHALLENGES AND OPPORTUNITIES. <i>Radiocarbon</i> , 2022, 64, 689-704.	1.8	4
2	Probability Distributions of Radiocarbon in Open Linear Compartmental Systems at Steady-State. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	3.0	3
3	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
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> , 2022, 600, 111055.	2.3	1
5	HOLOCENE EVOLUTION OF A WAVE-DOMINATED BARRIER-LAGOON SYSTEM IN RIO DE JANEIRO, BRAZIL. <i>Radiocarbon</i> , 2021, 63, 1175-1191.	1.8	2
6	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
7	The use of carbon isotopes ( <sup>13</sup> C, <sup>14</sup> C) in different soil types and vegetation coverage in a montane atlantic forest region, Southeast Brazil. <i>Quaternary Geochronology</i> , 2021, 61, 101133.	1.4	5
8	LAC-UFF STATUS REPORT: CURRENT PROTOCOLS AND RECENT DEVELOPMENTS. <i>Radiocarbon</i> , 2021, 63, 1233-1245.	1.8	2
9	AMOURINS SHELLMOUND: UNCOVERING BIODIVERSITY AND CHRONOLOGY THROUGH CHARCOAL ANALYSES. <i>Radiocarbon</i> , 2021, 63, 1085-1102.	1.8	1
10	ESTABLISHING WATER SAMPLE PROTOCOLS FOR RADIOCARBON ANALYSIS AT LAC-UFF, BRAZIL. <i>Radiocarbon</i> , 2021, 63, 1225-1232.	1.8	2
11	Sedimentary facies and Holocene depositional evolution of the Maricã lagoon, Rio de Janeiro, Brazil. <i>Journal of South American Earth Sciences</i> , 2021, 111, 103438.	1.4	4
12	FOSSIL FUEL ENVIRONMENTAL CONTAMINATION: A STRATEGY USING RADIOCARBON, N-ALKANES, AND ALGAE. <i>Radiocarbon</i> , 2021, 63, 1165-1173.	1.8	2
13	BIOINDICATORS OF SEA-LEVEL FLUCTUATIONS IN SOUTHEASTERN BRAZIL: NEW DATA AND METHODOLOGICAL REVIEW. <i>Radiocarbon</i> , 2021, 63, 1149-1163.	1.8	2
14	Hydrological influence on the evolution of a subtropical mangrove ecosystem during the late Holocene from Babitonga Bay, Brazil. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 574, 110463.	2.3	3
15	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
16	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
17	PRELIMINARY RADIOCARBON DATING RESULTS OF BONE SAMPLES AT THE LAC-UFF, BRAZIL. <i>Radiocarbon</i> , 2021, 63, 1103-1114.	1.8	1
18	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> , 2020, 62, 197-206.	1.8	3

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19	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
20	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
21	An integrated analysis of palynofacies and diatoms in the Jucuruçu River valley, northeastern Brazil: Holocene paleoenvironmental changes. <i>Journal of South American Earth Sciences</i> , 2020, 103, 102731.	1.4	2
22	Aragonite Fraction Dating of Vermetids in the Context of Paleo Sea-Level Curves Reconstruction. <i>Radiocarbon</i> , 2020, 62, 335-348.	1.8	7
23	Assessment of the regional fossil fuel CO <sub>2</sub> distribution through $\delta^{13}C$ patterns in ipê leaves: The case of Rio de Janeiro state, Brazil. <i>City and Environment Interactions</i> , 2019, 1, 100001.	4.2	10
24	Relative sea-level change and climate change in the Northeastern Adriatic during the last 1.5 ka (Istria, Italy). <i>Journal of Quaternary Science</i> , 2019, 10, 100001.	3.0	23
25	Palaeoenvironmental dynamics of Holocene shoreface bryoliths from the southern coast of Brazil. <i>Holocene</i> , 2019, 29, 662-675.	1.7	4
26	Otolith-Based Chronology of Brazilian Shellmounds. <i>Radiocarbon</i> , 2019, 61, 415-433.	1.8	3
27	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
28	Annually Verified Growth of <i>Cedrela Fissilis</i> from Central Brazil. <i>Radiocarbon</i> , 2019, 61, 927-937.	1.8	6
29	Monitoring the biogenic fraction of sugarcane-based plastic bags. <i>Journal of Cleaner Production</i> , 2019, 233, 348-352.	9.3	6
30	Accounting for the marine reservoir effect in radiocarbon calibration. <i>Quaternary Science Reviews</i> , 2019, 209, 129-138.	3.0	17
31	Assessing the dead carbon proportion of a modern speleothem from central Brazil. <i>Quaternary Geochronology</i> , 2019, 52, 29-36.	1.4	3
32	Marine Reservoir Corrections for the Brazilian Northern Coast Using Modern Corals. <i>Radiocarbon</i> , 2019, 61, 587-597.	1.8	2
33	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
34	Concheros brasileiros desde una perspectiva zooarqueológica. <i>Archaeofauna</i> , 2019, 28, 131.	0.4	1
35	Late-Holocene subtropical mangrove dynamics in response to climate change during the last millennium. <i>Holocene</i> , 2019, 29, 445-456.	1.7	21
36	RECONSTITUIÇÃO DAS CONDIÇÕES PALEOAMBIENTAIS RELACIONADAS À OCORRÊNCIA DE LINHAS DE PEDRA EM LATOSSOLO NO MÊDIO VALE DO RIO PARAIBA DO SUL-RJ. <i>Revista Da ANPEGE</i> , 2019, 15, 29-53.	0.1	0

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37	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
38	The Marine Reservoir Effect on the Coast of Rio de Janeiro: Deriving $\Delta R$ Values from Fish Otoliths and Mollusk Shells. <i>Radiocarbon</i> , 2018, 60, 1151-1168.	1.8	14
39	The Worldwide Marine Radiocarbon Reservoir Effect: Definitions, Mechanisms, and Prospects. <i>Reviews of Geophysics</i> , 2018, 56, 278-305.	23.0	94
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	Post-caldera evolution of Deception Island (Bransfield Strait, Antarctica) over Holocene timescales. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 501, 58-69.	2.3	2
42	Stromatolite Growth in Lagoa Vermelha, Southeastern Coast of Brazil: Evidence of Environmental Changes. <i>Radiocarbon</i> , 2018, 60, 383-393.	1.8	11
43	Efeito de reservatório marinho na costa do Brasil. <i>Quaternary and Environmental Geosciences</i> , 2018, 9, .	0.1	4
44	Zooarchaeological evidence that the brown mussel ( <i>Perna perna</i> ) is a bioinvader of coastal Brazil. <i>Holocene</i> , 2018, 28, 1771-1780.	1.7	5
45	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> , 2018, 13, 573-596.	0.1	5
46	Paleovegetação da Ilha Grande (Rio de Janeiro) no Holoceno através do estudo de fitólitos e isótopos do carbono. <i>Revista Brasileira De Geografia Física</i> , 2018, 11, 456-476.	0.1	5
47	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
48	Radiocarbon Marine Reservoir Effect on the Northwestern Coast of Cuba. <i>Radiocarbon</i> , 2017, 59, 333-341.	1.8	8
49	Terrestrial Mollusks as Chronological Records in Brazilian Shellmounds. <i>Radiocarbon</i> , 2017, 59, 1561-1577.	1.8	7
50	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
51	Late Holocene mangrove dynamics dominated by autogenic processes. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 2013-2023.	2.5	12
52	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
53	Archaeological Earthen Mound Complex in Patos Lagoon, Southern Brazil: Chronological Model and Freshwater Influence. <i>Radiocarbon</i> , 2017, 59, 195-214.	1.8	22
54	Fractionation in the graphitization reaction for 14 C-AMS analysis: The role of Zn – the role of TiH 2. <i>International Journal of Mass Spectrometry</i> , 2017, 423, 39-45.	1.5	4

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55	Characterisation of phytoliths from the stratigraphic layers of the Sambaqui da Tarioba (Rio das Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	11
56	Evaluation of Sample Preparation Protocols for the <sup>14</sup> C Dating of Tupiguarani Pottery in Southeastern Brazil. Radiocarbon, 2017, 59, 765-773.	1.8	2
57	Investigating a Rock Art Site in Paranaí State, South of Brazil. Radiocarbon, 2017, 59, 1691-1703.	1.8	2
58	NORTHEAST GUANABARA BAY AND COASTAL PLAIN HOLOCENE SEDIMENTARY EVOLUTION (BRAZIL): A CONTRIBUTION. Journal of Sedimentary Environments, 2017, 2, .	1.5	4
59	HOLOCENE PALEO-SEA LEVEL IN SOUTHEASTERN BRAZIL: AN APPROACH BASED ON VERMETIDS SHELLS. Journal of Sedimentary Environments, 2017, 2, .	1.5	17
60	The Path towards Endangered Species: Prehistoric Fisheries in Southeastern Brazil. PLoS ONE, 2016, 11, e0154476.	2.5	46
61	Millennial to secular time-scale impacts of climate and sea-level changes on mangroves from the Doce River delta, Southeastern Brazil. Holocene, 2016, 26, 1733-1749.	1.7	18
62	Graphitization reaction via zinc reduction: How low can you go?. International Journal of Mass Spectrometry, 2016, 410, 47-51.	1.5	5
63	Coupling fallout <sup>210</sup> Pb and stables isotopes ( <sup>13</sup> C, <sup>15</sup> N) for catchment urbanization reconstruction in southeastern coastal zone of Brazil. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 1021-1032.	1.5	6
64	The use of the terrestrial snails of the genera Megalobulimus and Thaumastus as representatives of the atmospheric carbon reservoir. Scientific Reports, 2016, 6, 27395.	3.3	15
65	The Usiminas shellmound on the Cabo Frio Island: Marine reservoir effect in an upwelling region on the coast of Brazil. Quaternary Geochronology, 2016, 35, 36-42.	1.4	19
66	Paleobiogeoclimatic scenarios of the Late Quaternary inferred from fluvial deposits of the Quadrilátero Ferrífero (Southeastern Brazil). Journal of South American Earth Sciences, 2016, 67, 71-88.	1.4	17
67	Fish bone diagenesis in southeastern Brazilian shell mounds and its importance for paleoenvironmental studies. Quaternary International, 2016, 391, 18-25.	1.5	17
68	Marine Reservoir Corrections on the Southeastern Coast of Brazil: Paired Samples from the Saquarema Shellmound. Radiocarbon, 2015, 57, 517-525.	1.8	20
69	Mapping of gas charged sediments in Guanabara Bay: Seismic characteristics and sediment properties. , 2015, , .		1
70	Sedimentary evolution of northeastern Guanabara Bay, RJ, revealed by sismostratigraphic analysis. , 2015, , .		0
71	Fitólitos 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
72	Potential Use of Archaeological Snail Shells for the Calculation of Local Marine Reservoir Effect. Radiocarbon, 2015, 57, 459-467.	1.8	25

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73	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
74	Radiocarbon reservoir corrections on the Brazilian coast from pre-bomb marine shells. <i>Quaternary Geochronology</i> , 2015, 29, 30-35.	1.4	55
75	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> , 2015, 361, 402-405.	1.4	27
76	Biogenic fraction in the synthesis of polyethylene terephthalate. <i>International Journal of Mass Spectrometry</i> , 2015, 388, 65-68.	1.5	15
77	Radiocarbon measurements at LAC-UFF: Recent performance. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2015, 361, 341-345.	1.4	12
78	New software for AMS data analysis developed at IF-UFF Brazil. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2015, 361, 526-530.	1.4	5
79	Radiocarbon analysis of the Torah scrolls from the National Museum of Brazil collection. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2015, 361, 531-534.	1.4	6
80	USO DO BIOINDICADOR FITA“LITOS NA COMPREENSÃO DA GÊNESE DE SOLOS NA BACIA DO RIO SÃO JOÃO, RIO DE JANEIRO, BRASIL. <i>Revista Tamoios</i> , 2014, 10, .	0.1	0
81	Chronological Model of a Brazilian Holocene Shellmound (Sambaqui da Tarioba, Rio de Janeiro,) <i>Tj ETQq1 1 0.784314 rgBT / Overlock</i>	1.8	21
82	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
83	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
84	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
85	Palynofacies and stable C and N isotopes of Holocene sediments from Lake Macuco (Linhares, Espírito Santo) <i>Tj ETQq1 1 0.784314 rgBT / Overlock</i> <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 415, 69-82.	2.3	31
86	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
87	Chronological Model of a Brazilian Holocene Shellmound (Sambaqui da Tarioba, Rio de Janeiro,) <i>Tj ETQq1 1 0.784314 rgBT / Overlock</i>	1.8	21
88	Temporal evolution of <sup>137</sup> 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
89	Palaeohydrological controls on sedimentary organic matter in an Amazon floodplain lake, Lake Maracá (Brazil) during the late Holocene. <i>Holocene</i> , 2013, 23, 1903-1914.	1.7	12
90	Mangrove vegetation changes on Holocene terraces of the Doce River, southeastern Brazil. <i>Catena</i> , 2013, 110, 59-69.	5.0	36

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91	Towards a complete $^{14}\text{C}$ AMS facility at the Universidade Federal Fluminense (Niterói, Brazil): Sample preparation laboratory tests. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 173-175.	1.4	11
92	The Brazilian AMS Radiocarbon Laboratory (LAC-UFF) and the Intercomparison of Results with CENA and UGAMS. Radiocarbon, 2013, 55, 325-330.	1.8	36
93	The Brazilian AMS Radiocarbon Laboratory (LAC-UFF) and the Intercomparison of Results with CENA and UGAMS. Radiocarbon, 2013, 55, .	1.8	1
94	Application of radiometric analysis in the study of provenance and transport processes of Brazilian coastal sediments. Journal of Environmental Radioactivity, 2011, 102, 185-192.	1.7	55
95	Correlations between radiometric analysis of Quaternary deposits and the chronology of prehistoric settlements from the southeastern Brazilian coast. Journal of Environmental Radioactivity, 2010, 101, 75-81.	1.7	16
96	A New [ <sup>14</sup> C]-AMS Facility at UFF- Niteroi, Brazil. , 2010, , .		0
97	Accumulation of K[ <sup>+</sup> ] and Cs[ <sup>+</sup> ] in Tropical Plant Species. , 2010, , .		1
98	The Long-Term Tupiguarani Occupation in Southeastern Brazil. Radiocarbon, 2009, 51, 937-946.	1.8	15
99	Accumulation of $^{137}\text{Cs}$ and $^{40}\text{K}$ in aboveground organs of tropical woody fruit plants. Journal of Radioanalytical and Nuclear Chemistry, 2009, 281, 7-10.	1.5	7
100	Natural sources of radiation exposure and the teaching of radioecology. Physics Education, 2008, 43, 423-428.	0.5	6
101	Provenance and Transport Processes of Sediments along the Southeastern Brazilian Coast. AIP Conference Proceedings, 2008, , .	0.4	0
102	A new age to an old site: the earliest Tupiguarani settlement in Rio de Janeiro State?. Anais Da Academia Brasileira De Ciencias, 2008, 80, 763-770.	0.8	19
103	Reevaluation of dating results for some $^{14}\text{C}$ - AMS applications on the basis of the new calibration curves available. Brazilian Journal of Physics, 2008, 38, 138-143.	1.4	2
104	Radiometric Analyses of Beach Sands from the Southeast of Brazil. AIP Conference Proceedings, 2007, , .	0.4	3
105	Accumulation and distribution of $^{137}\text{Cs}$ in tropical plants. AIP Conference Proceedings, 2007, , .	0.4	0
106	Geological provenance of Quaternary deposits from the southeastern Brazilian coast. Nuclear Physics A, 2007, 787, 642-647.	1.5	18
107	Accumulation and long-term decline of radiocaesium contamination in tropical fruit trees. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 625-628.	1.6	5
108	Radiometric analysis of Quaternary deposits from the southeastern Brazilian coast. Marine Geology, 2006, 229, 29-43.	2.1	37

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109	Measurement of natural radioactivity in Brazilian beach sands. <i>Radiation Measurements</i> , 2006, 41, 189-196.	1.4	232
110	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
111	Accumulation and long-term behavior of radiocaesium in tropical plants. <i>Brazilian Journal of Physics</i> , 2006, 36, 1345-1348.	1.4	3
112	AMS radiocarbon dating on Campos Basin, Southeast Brazilian Continental Slope. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2004, 223-224, 535-539.	1.4	3
113	The earliest shellmounds of the central-south Brazilian coast. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2004, 223-224, 691-694.	1.4	14
114	Intermittent occupation of the sambaqui builder settlements in Rio de Janeiro State, Brazil. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2004, 223-224, 695-699.	1.4	6
115	AMS dating of early shellmounds of the southeastern Brazilian coast. <i>Brazilian Journal of Physics</i> , 2003, 33, 276-279.	1.4	18
116	The Antiquity of the Prehistoric Settlement of the Central-South Brazilian Coast. <i>Radiocarbon</i> , 2002, 44, 733-738.	1.8	37
117	Current status of the Brazilian AMS program. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2000, 172, 82-86.	1.4	5