

Margot Guerra-Sommer

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Permian Lycopside from Brazil. , 2021, , 1-29.		1
2	Not a lycopsid but a cycad-like plant: <i>Iratinia australis</i> gen. nov. et sp. nov. from the Irati Formation, Kungurian of the Paran Basin, Brazil. <i>Review of Palaeobotany and Palynology</i> , 2021, 289, 104415.	1.5	4
3	Multidisciplinary approach as a key for paleoenvironmental interpretation in a <i>Weichselia</i> -dominant interval from the late Aptian Cod ³ Formation (Parnaba Basin, Brazil). <i>Journal of South American Earth Sciences</i> , 2021, 111, 103490.	1.4	6
4	Climate change during the deposition of the Aptian Santana Formation (Araripe Basin, Brazil): Preliminary data based on wood signatures. <i>Journal of South American Earth Sciences</i> , 2021, 111, 103462.	1.4	6
5	Record of Glossopterid Plants in the Southern Region of Brazil. , 2021, , 1-35.		0
6	Paleoclimatic inferences based on wood growth interruptions in Late Triassic flood deposits from the southernmost Brazilian Gondwana. <i>Revista Brasileira De Paleontologia</i> , 2021, 24, 3-20.	0.4	3
7	Aptian shell beds from the Romualdo Formation (Araripe Basin): Implications for paleoenvironment and paleogeographical reconstruction of the Northeast of Brazil. <i>Sedimentary Geology</i> , 2021, 426, 106025.	2.1	7
8	<i>Agathoxylon santanensis</i> sp. nov. from the Aptian Crato fossil Lagersttte, Santana Formation, Araripe Basin, Brazil. <i>Journal of South American Earth Sciences</i> , 2021, 112, 103633.	1.4	8
9	REDESCOBERTA DO AFLORAMENTO CERRO CHATO, UM IMPORTANTE STIO FOSSILFERO PARA O PERMIANO DA BACIA DO PARAN. <i>Paleontologia Em Destaque</i> , 2021, 36, 62-72.	0.3	0
10	Fungusplant interactions in Aptian Tropical Equatorial Hot arid belt: White rot in araucarian wood from the Crato fossil Lagersttte (Araripe Basin, Brazil). <i>Cretaceous Research</i> , 2020, 114, 104525.	1.4	14
11	Late Palaeozoic lycopsid macrofossils from the Paran Basin, South America  an overview of current knowledge. <i>Journal of South American Earth Sciences</i> , 2020, 101, 102615.	1.4	11
12	Paleoclimatic inferences for the Holocene of southern Brazil in environments influenced by different hydrological systems. <i>Acta Brasiliensis</i> , 2020, 4, 99.	0.2	0
13	Fire events and vegetation dynamics during the late Pleistocene-Meghalayan interval in the southernmost Brazilian coastal plain. <i>Revista Brasileira De Paleontologia</i> , 2020, 23, 234-250.	0.4	3
14	Epidermal morphology of the cordaitalean leaf <i>Noeggerathiopsis brasiliensis</i> nom. nov. from the southern Paran Basin (Lower Permian, Rio Bonito Formation) and paleoenvironmental considerations. <i>Brazilian Journal of Geology</i> , 2019, 49, .	0.7	2
15	A remarkable mass-assembly of lycopsid remains from the Rio Bonito Formation, lower Permian of the Paran Basin, Rio Grande do Sul, Brazil. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2018, 98, 369-384.	1.5	7
16	A MIDDLE PERMIAN (ROADIAN) LUNGFISH AESTIVATION BURROW FROM THE RIO DO RASTO FORMATION (PARANBASIN, BRAZIL) AND ASSOCIATED U-Pb DATING. <i>Palaaios</i> , 2018, 33, 69-84.	1.3	14
17	Wildfires in the Triassic of Gondwana Paran Basin. <i>Journal of South American Earth Sciences</i> , 2018, 82, 193-206.	1.4	5
18	Preserved cytoplasm in charred <i>Agathoxylon</i> -type wood from the Permian of Brazilian Paran Basin. <i>Revista Brasileira De Paleontologia</i> , 2018, 21, 112-119.	0.4	1

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19	Indo-Brazilian Late Palaeozoic wildfires: an overview on macroscopic charcoal. <i>Geologia USP - Serie Cientifica</i> , 2016, 16, 87-97.	0.3	8
20	Hepaticites iporangae Ricardi-Branco, Faria, Jasper, and Guerra-Sommer, 2011 from the early Permian of the Paran Basin, Brazil, is not a liverwort but a tracheophyte. <i>Journal of Paleontology</i> , 2016, 90, 632-639.	0.8	4
21	Epidermal morphology and ecological significance of <i>Glossopteris pubescens</i> nom. nov. from the Brazilian Permian (Sakmarian). <i>Review of Palaeobotany and Palynology</i> , 2016, 232, 119-139.	1.5	8
22	Charcoalified Agathoxylon-type wood with preserved secondary phloem from the lower Permian of the Brazilian Parana Basin. <i>Review of Palaeobotany and Palynology</i> , 2016, 226, 20-29.	1.5	11
23	Evidence of palaeo-wildfire from the upper Lower Cretaceous (Serrado Tucano Formation,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.4	11
24	The Artinskian Siderpolis Member macroflora, Rio Bonito Formation and its stratigraphical correlation with other early Permian macrofloras of Paran Basin, Brazil. <i>Geologia USP - Serie Cientifica</i> , 2016, 16, 65.	0.3	2
25	Charcoalified logs as evidence of hypautochthonous/autochthonous wildfire events in a peat-forming environment from the Permian of southern Paran Basin (Brazil). <i>International Journal of Coal Geology</i> , 2015, 146, 55-67.	5.0	35
26	Extending the database of Permian palaeo-wildfire on Gondwana: Charcoal remains from the Rio do Rasto Formation (Paran Basin), Middle Permian, Rio Grande do Sul State, Brazil. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 436, 77-84.	2.3	27
27	Relation between the sedimentary organic record and the climatic oscilations in the Holocene attested by palynofacies and organic geochemical analyses from a pond of altitude in southern Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2014, 86, 1077-1099.	0.8	7
28	Palynofacies and organic geochemistry studies of organic matter from a wetland system of southern Brazil influenced by different hydrological regimes in the Quaternary. <i>Journal of South American Earth Sciences</i> , 2014, 56, 41-53.	1.4	6
29	Holocene Environmental Climatic Changes Based on Palynofacies and Organic Geochemical Analyses from an Inland Pond at Altitude in Southern Brazil. <i>American Journal of Climate Change</i> , 2014, 03, 95-117.	0.9	8
30	The stratigraphic significance of the Solenoid Complex in the Permian of Gondwana. <i>Geologia USP - Serie Cientifica</i> , 2014, 14, 139-148.	0.3	2
31	The burning of Gondwana: Permian fires on the southern continentA palaeobotanical approach. <i>Gondwana Research</i> , 2013, 24, 148-160.	6.0	80
32	Geochronological correlation of the main coal interval in Brazilian Lower Permian: Radiometric dating of tonstein and calibration of biostratigraphic framework. <i>Journal of South American Earth Sciences</i> , 2012, 39, 1-15.	1.4	41
33	Sub-arborescent Lycophytes in coal-bearing strata from the Artinskian (Early Permian/Cisuralian) of the Santa Catarina coalfield (Paran Basin, SC, Brazil). <i>Revista Brasileira De Paleontologia</i> , 2012, 15, 135-140.	0.4	14
34	Early Cretaceous coniferous woods from a paleoerg (Paran Basin, Brazil). <i>Journal of South American Earth Sciences</i> , 2011, 32, 96-109.	1.4	24
35	Upper Paleozoic charcoal remains from South America: Multiple evidences of fire events in the coal bearing strata of the Paran Basin, Brazil. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 306, 205-218.	2.3	35
36	Growth ring analysis of fossil coniferous woods from early cretaceous of Araripe Basin (Brazil). <i>Anais Da Academia Brasileira De Ciencias</i> , 2011, 83, 409-423.	0.8	17

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37	Hepaticites iporangae n. sp., Rio Bonito Formation, Early Permian (Sakmarian), Paran Basin, Brazil, Western Gondwana. <i>Journal of Paleontology</i> , 2011, 85, 360-368.	0.8	7
38	Charcoal remains from a tonstein layer in the Faxinal Coalfield, Lower Permian, southern Paran Basin, Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2011, 83, 471-481.	0.8	24
39	Lenhos de conferas do Mesocretceo do norte do Maranho, Brasil. <i>Revista Brasileira De Paleontologia</i> , 2011, 14, 29-38.	0.4	8
40	Variation in stomatal numbers of <i>Glossopteris</i> leaves from the Lower Permian of Paran Basin, Brazil. <i>Revista Brasileira De Paleontologia</i> , 2011, 14, 137-148.	0.4	7
41	Lenhos de Ginkgophyta em florestas petrificadas no Trissico Superior sul-rio-grandense, Brasil. <i>Revista Brasileira De Paleontologia</i> , 2009, 12, 139-148.	0.4	11
42	Effect of volcanic ash-fall on a Permian peat-forming environment, on the basis of palynology, palynofacies and paleobotany (Faxinal Coalfield, Brazil). <i>Revista Brasileira De Paleontologia</i> , 2009, 12, 179-194.	0.4	20
43	Radiometric age determination of tonsteins and stratigraphic constraints for the Lower Permian coal succession in southern Paran Basin, Brazil. <i>International Journal of Coal Geology</i> , 2008, 74, 13-27.	5.0	73
44	U-Pb dating of tonstein layers from a coal succession of the southern Paran Basin (Brazil): A new geochronological approach. <i>Gondwana Research</i> , 2008, 14, 474-482.	6.0	67
45	Geochronological data from the Faxinal coal succession, southern Paran Basin, Brazil: A preliminary approach combining radiometric U-Pb dating and palynostratigraphy. <i>Journal of South American Earth Sciences</i> , 2008, 25, 246-256.	1.4	57
46	Palaeobotanical evidence of wildfires in the Late Palaeozoic of South America – Early Permian, Rio Bonito Formation, Paran Basin, Rio Grande do Sul, Brazil. <i>Journal of South American Earth Sciences</i> , 2008, 26, 435-444.	1.4	33
47	Record of the genus <i>Lycopodites</i> in the Lower Permian of Paran Basin, Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2008, 80, 553-563.	0.8	15
48	Paleoecological patterns at the coal-roof shale transition in an outcrop of the Permian Brazilian Gondwana. <i>Revista Brasileira De Paleontologia</i> , 2008, 11, 11-26.	0.4	20
49	Depositional cyclicity and paleoecological variability in an outcrop of Rio Bonito formation, Early Permian, Paran Basin, Rio Grande do Sul, Brazil. <i>Journal of South American Earth Sciences</i> , 2006, 21, 276-293.	1.4	41
50	<i>Cori cladus quiteriensis</i> gen. et sp. nov., a new conifer in Southern-Brazil Gondwana (Lower Permian,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	0.8	12
51	Late Triassic climate in southernmost Parana Basin (Brazil): evidence from dendrochronological data. <i>Journal of South American Earth Sciences</i> , 2005, 18, 213-221.	1.4	28
52	Paleobotany and Paleoclimatology. , 2005, , 179-202.		6
53	Permian plants from the Chutani Formation (Titicaca Group, Northern Altiplano of Bolivia): II. The morphogenus <i>Glossopteris</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , 2004, 76, 129-138.	0.8	8
54	Sommerxylon spiralosus from Upper Triassic in southernmost Paran Basin (Brazil): a new taxon with taxacean affinity. <i>Anais Da Academia Brasileira De Ciencias</i> , 2004, 76, 595-609.	0.8	9

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55	Permian plants from the Chutani Formation (Titicaca Group, Northern Altiplano of Bolivia): I. Genera Pecopteris and Asterotheca. Anais Da Academia Brasileira De Ciencias, 2004, 76, 117-128.	0.8	15
56	The Botrychiopsis genus and its biostratigraphic implications in Southern Paraná Basin. Anais Da Academia Brasileira De Ciencias, 2003, 75, 513-535.	0.8	16
57	Geochemical and palynological evidence for the age determination of Permian coals, southern Brazil. Journal of South American Earth Sciences, 2002, 15, 375-380.	1.4	14
58	THE TRIASSIC TAPHOFLORA FROM PARANA BASIN, SOUTHERN BRAZIL: AN OVERVIEW. Revista Brasileira De Geociências, 2000, 30, 481-485.	0.1	9
59	EARLY PERMIAN PALAEOFLORAS FROM SOUTHERN BRAZILIAN GONDWANA: A PALAEOCLIMATIC APPROACH. Revista Brasileira De Geociências, 2000, 30, 486-490.	0.1	11
60	The Triassic taphoflora of the Paraná Basin, southern Brazil: a biostratigraphical approach. Journal of African Earth Sciences, 1999, 29, 243-255.	2.0	14
61	Licófitas Arborescentes in Situ Como Elementos Importantes na Definição de Modelos Depositionais (Formação Rio Bonito - Bacia do Paraná - Brasil). Pesquisas Em Geociências, 1999, 26, 49.	0.1	8
62	Licófitas Cormofíticas Arborescentes do Afloramento Quitéria Formação do Rio Bonito (Bacia do) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	0.1	9
63	Paleoclimatic implications of Lycophyta in the Gondwana of Southern Brazil. Pesquisas Em Geociências, 1995, 22, 21.	0.1	5
64	Fitofagia em Glossopterídeas na Paleoflora da Mina do Faxinal (Formação do Rio Bonito, Artinskiano,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	0.1	9
65	Spongiophyton nas Bacias Intracratônicas Brasileiras. Considerações Paleocológicas e Bioestratigráficas. Pesquisas Em Geociências, 1993, 20, 70.	0.1	2
66	Padrões Epidérmicos de Glossopterídeas da Tafloflora do Faxinal (Formação Rio Bonito -) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	0.1	8
67	Faciologia da Sequência Sedimentar nas Folhas de Quitéria e Várzea do Capivarita, Rio Grande do Sul. Pesquisas Em Geociências, 1991, 18, 31.	0.1	2
68	Rufloria Meyen em Sedimentos gondwanicos sulriograndenses (Formação Rio Bonito, Super Grupo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	0.1	4
69	SÂNTESE DOS ESTUDOS ICNOLÓGICOS DO GRUPO ITARARÉ NO RIO GRANDE DO SUL. Pesquisas Em Geociências, 1989, 22, 71.	0.1	1
70	A Tafloflora Triássica da Formação Santa Maria, RS, Brasil: III Dicroidium odontopteroides, Dicroidium zuberi e variações relacionadas a estas espécies. Pesquisas Em Geociências, 1985, 17, 215.	0.1	0
71	Estudo de cutículas fósseis de glossopterídeas do gondwana brasileiro em microscópio eletrônico de varredura. Boletim IG - Universidade De Sao Paulo, Instituto De Geociências, 1984, 15, 38.	0.0	0
72	Tafloflora triássica da formação Santa Maria, RS, Brasil: II. Representantes de pteridospermopsida e pteridophylla. Boletim IG - Universidade De Sao Paulo, Instituto De Geociências, 1984, 15, 105.	0.0	1

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73	Revisão fitoestratigráfica do grupo Itararé no Rio Grande do Sul: I. Acampamento velho, Cambai Grande, Budo e Morro Papaléo. Boletim IG, 1980, 11, 55.	0.0	5
74	Contribuição ao Estudo das Coníferas do Gondwana Brasileiro. Pesquisas Em Geociencias, 1980, 13, 185.	0.1	0
75	Damudoxylon (Maheshwari) Maheshwari, 1972, Um Gênero Ocorrente no Gondwana do Brasil. Pesquisas Em Geociencias, 1977, 7, 131.	0.1	3
76	Macro-charcoal como indicador de incêndios em turfeiras Permianas no Sul da Bacia do Paraná, O, , 273-288.		0
77	Considerações sobre um afloramento fóssilífero do Grupo Itararé: Fazenda Goulart, Francisquinho, município de São Jerônimo, RS. Boletim IG, 0, 11, 85.	0.0	3